



**JOSE VIÑA RIBES**

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**JOSE VIÑA RIBES**

Surname(s): **VIÑA RIBES**  
Name: **JOSE**  
DNI: **19454510Y**  
Date of birth: **27/08/1953**  
Gender: **Male**  
Nationality: **Unknown**  
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**Current professional situation**

**Employing entity:** Universitat de València

**Department:** FACULTAT MEDICINA I ODONTOLOGIA (LIC. MEDICINA), FISIOLOGIA

**Professional category:** CATEDRÁTICO DE UNIVERSIDAD

**Start date:** 01/10/1985

**Type of contract:** Civil servant

**Dedication regime:** Full time

**Primary (UNESCO code):** 241010 - Human physiology

**Performed tasks:** FILL THE INFORMATION ABOUT PRESENT PROFESSIONAL OCUPATION IN YOUR TEXT'S CURRICULA TAB

**Previous positions and activities**

|  | Employing entity | Professional category                                               | Start date |
|--|------------------|---------------------------------------------------------------------|------------|
|  |                  | Vice-decano de Investigación de la Facultad de Medicina de Valencia | 1993       |

**Professional category:** Vice-decano de Investigación de la Facultad de Medicina de Valencia

**Start date:** 1993

**Duration:** 7 years



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

**University degree:** Diploma / Degree / Activities

**Name of qualification:** Licenciado en Medicina

**Degree awarding entity:** Facultad de Medicina, Universidad de Valencia

**Date of qualification:** 09/07/1976

#### Doctorates

**Doctorate programme:** Doctor en Medicina

**Degree awarding entity:** Facultad de Medicina,  
Universidad de Valencia

**Type of entity:** University

**Date of degree:** 04/02/1978

## Teaching experience

### General teaching experience

**Type of teaching:** Official teaching

**Name of the course:** Director del "Master de Envejecimiento y Salud" de la Universitat de València, Cursos 1991-1992. (Aprobado en Junta de Gobierno de la Universitat de 4 de Julio de 1989)

**Type of programme:** Graduate Courses - Taught

### Experience supervising doctoral thesis and/or final year projects

- Project title:** Role of p16INK4A and BMI-1 in oxidative stress-induced premature senescence in human dental pulp stem cells

**Type of project:** Doctoral thesis

**Entity:** Valencia

**City of entity:** Spain

**Student:** Cristina Mas Bargues

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2017
- Project title:** Identificación de nuevos biomarcadores periféricos de deterioro cognitivo leve y enfermedad de Alzheimer

**Type of project:** Doctoral thesis

**City of entity:** Spain

**Student:** Paloma Monllor Taltavull



**Date of reading:** 2017

- 3** **Project title:** Obtención y caracterización de células madre de pulpa dental humanas e interacción con  $\beta$ .  
**Type of project:** Doctoral thesis  
**Entity:** Valencia  
**City of entity:** Spain  
**Student:** José Viña Almunia  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2014
- 4** **Project title:** El papel del ejercicio físico en la inducción de BDNF y sus vías de señalización en el sistema nervioso central. Aplicación neurobiológico en modelos sanos y terapéutica en la enfermedad de Alzheimer.  
**Type of project:** Doctoral thesis  
**City of entity:** Spain  
**Student:** Helios Pareja Galeano  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2014
- 5** **Project title:** Efectos del ejercicio físico y la administración de alopurinol sobre biomarcadores musculares y cardiovasculares. El ejercicio físico como promotor de longevidad  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Fabian Sanchis Gomar  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2014
- 6** **Project title:** Sarcopenia: mechanism and prevention. Role of exercise and growth hormone. Involvement of oxidative stress and glucose-6-phosphate dehydrogenase.  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Valencia-University of Rennes  
**City of entity:** Spain  
**Student:** Thomas Brioché  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2014  
**European doctorate:** Yes
- 7** **Project title:** LA INHIBICIÓN DE LAS E3 UBIQUITIN-LIGASAS, A TRAVÉS DE NF- $\kappa$ B Y p38, PREVIENE LA ATROFIA MUSCULAR. UTILIDAD DE LA INDOMETACINA Y EL ALOPURINOL  
**Type of project:** Doctoral thesis  
**Entity:** Valencia  
**City of entity:** Spain  
**Student:** Beatriz Ferrando  
**Obtained qualification:** Excellent Cum Laude and Honors  
**Date of reading:** 2014  
**European doctorate:** Yes
- 8** **Project title:** Estudio del estrés oxidativo hepático asociado a la Enfermedad de Alzheimer. Efecto del tratamiento con bexaroteno y/o genisteína.  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València



**City of entity:** Spain  
**Student:** Vicent Bonet Costa  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2013

**9 Project title:** Efecto del consumo de soja en la longevidad de ratones OF1 machos

**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Kheira Mohamed Abdelaziz  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2013

**10 Project title:** Efecto del ejercicio físico espontáneo sobre la longevidad y la fragilidad en el ratón C57BL/6J

**Type of project:** Doctoral thesis  
**Entity:** Valencia  
**City of entity:** Spain  
**Student:** Rebeca García Valles  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2013

**11 Project title:** Obtención de células madre de la pulpa dental. Caracterización y adaptación a diversas condiciones de oxígeno

**Type of project:** Doctoral thesis  
**City of entity:** Spain  
**Student:** Marya El ALami  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2013

**12 Project title:** The Involvement of APC/C-Cdh1 in Alzheimer's Disease.

**Type of project:** Master Thesis  
**Entity:** Universidad de Innsbruck  
**City of entity:** Austria  
**Student:** Tanja Fuchsberger  
**Obtained qualification:** Excellent  
**Date of reading:** 2013

**13 Project title:** Efectos musculares y hematológicos del uso de rHu Epo en combinación con entrenamiento físico. Implicaciones de la desmopresina y la hipoxia en el dopaje sanguíneo. Estudios in vivo e in vitro

**Type of project:** Doctoral thesis  
**City of entity:** Spain  
**Student:** Vladimir Essau Martínez Bello  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2011

**14 Project title:** Etude des voies de signalisation impliquées dans la sarcopénie. Rôle du stress oxydant et de l'inactivité physique

**Type of project:** Doctoral thesis  
**Entity:** Valencia y Rennes  
**City of entity:** Spain  
**Student:** Frédéric Derbré



**Date of reading:** 2011

- 15 Project title:** Efecto del entrenamiento físico sobre la mitocondriogénesis y la expresión de enzimas antioxidantes en el músculo de animales jóvenes, viejos y knockout de PGC-1 $\alpha$ .

**Type of project:** Doctoral thesis

**Entity:** Valencia

**City of entity:** Spain

**Student:** Ana Lúcia Nascimento

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2010

- 16 Project title:** Importancia del inicio de la terapia hormonal sustitutiva con estrógenos sobre parámetros de estrés oxidativo y consumo de glucosa in vivo

**Type of project:** Doctoral thesis

**City of entity:** Spain

**Student:** Raúl López Grueso

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2010

- 17 Project title:** Estudio de estrés oxidativo en hijos de pacientes con enfermedad de Alzheimer portadores del alelo E4 de la Apolipoproteína E.

**Type of project:** Doctoral thesis

**City of entity:** Spain

**Student:** Mari Carmen Badía

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2010

- 18 Project title:** Estudio de los mecanismos moleculares implicados en la pérdida de masa muscular pos inmovilización

**Type of project:** Working Master or third cycle over 12 credits

**Entity:** Valencia

**City of entity:** Spain

**Student:** BEATRIZ FERRANDO

**Obtained qualification:** Excellent

**Date of reading:** 2010

- 19 Project title:** The importance of nuclear glutathione on cell proliferation

**Type of project:** Doctoral thesis

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** Jelena Markovic

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2009

- 20 Project title:** ESTUDIO DE LA CORRELACIÓN ENTRE DIVERSOS PARÁMETROS DE ESTRÉS OXIDATIVO DETERMINADOS POR CROMATOGRFÍA LÍQUIDA DE ALTA EFICACIA (HPLC)

**Type of project:** Research work of 12 credits

**Entity:** VALENCIA

**City of entity:** Spain

**Student:** Consuelo Escrivá

**Obtained qualification:** Excellent



**Date of reading:** 2009

- 21** **Project title:** Mecanismo de producción de radicales libres en la diabetes: Importancia de la xantina oxidasa e implicación del factor nuclear kB  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Marco Romagnoli  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2007
- 22** **Project title:** Efecto del estradiol y otros compuestos estrogénicos sobre la expresión de genes asociados a la longevidad  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Juan Gambini Buchón  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2007
- 23** **Project title:** Efecto de la administración de antioxidantes orales en las adaptaciones al ejercicio físico  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Elena Doménech de Antonio  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2006
- 24** **Project title:** Efecto de la administración de antioxidantes orales en las adaptaciones al ejercicio físico  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Elena Doménech de Antonio  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2005
- 25** **Project title:** Mecanismo de producción de radicales libres en la diabetes: Importancia de la xantina oxidasa e implicación del factor nuclear kB  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Marco Romagnoli  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2005
- 26** **Project title:** Alcoholismo crónico y estrés oxidativo en hígado. Posible prevención mediante la administración de antioxidantes.  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Juan Bautista Miñana Serrano





**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2005

- 27** **Project title:** Papel regulador de la enzima xantina oxidasa en el proceso apoptótico. Estudio en glándula mamaria de rata

**Type of project:** Doctoral thesis

**Entity:** Valencia

**City of entity:** Spain

**Student:** Rus, A.D.

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2005

- 28** **Project title:** Papel de los radicales libres en el ejercicio físico agotador. Efecto de la administración de antioxidantes

**Type of project:** Doctoral thesis

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** M<sup>a</sup> Carmen Gómez Cabrera

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2004

- 29** **Project title:** Importancia del estrés oxidativo en la diferencia de longevidad entre machos y hembras

**Type of project:** Doctoral thesis

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** Consuelo Borrás Blasco

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2003

- 30** **Project title:** Efecto del ejercicio físico agotador sobre el estrés oxidativo asociado al envejecimiento

**Type of project:** Doctoral thesis

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** Rafael Arande Malavés

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2003

- 31** **Project title:** Hipertensión arterial y síndrome de apnea hipopnea del sueño (SAHS)

**Type of project:** Research work of 12 credits

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** Ernest Orts Soler

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 2003

- 32** **Project title:** Efectos ex vivo de las emulsiones lipídicas parenterales: neutrófilos y linfocitos humanos

**Type of project:** Research work of 12 credits

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** María de los Desamparados Buenestado Cantador

**Obtained qualification:** Excellent Cum Laude





**Date of reading:** 2003

- 33** **Project title:** Papel de estrés oxidativo en el envejecimiento cerebral y en la enfermedad de Alzheimer  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Ana Lloret Alcañiz  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2002
- 34** **Project title:** Regulación de la expresión de la  $\gamma$ -cistationasa en distintas situaciones fisiológicas y paológicas  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** José Antonio Martín Cano  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1998
- 35** **Project title:** Papel del estrés oxidativo en la muerte celular por apoptosis. Estudios en fibroblastos in vitro y en glándula mamaria in vivo  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Juan Miguel Esteve Esteve  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1998
- 36** **Project title:** Papel de los radicales libres de oxígeno en el daño causado por el ejercicio físico agotador  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Amparo Gimeno Monrós  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1998
- 37** **Project title:** Papel de los radicales libres en la fisiopatología de la diabetes mellitus  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** M<sup>a</sup> Carmen Desco Esteban  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1998
- 38** **Project title:** Glutathione in HIV-infected Leukocytes.  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de Konstanz  
**City of entity:** Spain  
**Student:** Martin Lehner  
**Obtained qualification:** Notable  
**Date of reading:** 1998



- 39** **Project title:** Envejecimiento mitocondrial y su prevención mediante antioxidantes  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Aranzazu Millán Domínguez  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1996
- 40** **Project title:** Mecanismo de la aparición de estrés oxidativo asociado al ejercicio físico agotador. Estudios en ratas y seres humanos  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Gonzalo Sanchis Fernández de Córdoba  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1996
- 41** **Project title:** Estudio del daño oxidativo del ADN por 3' azido-3'-desoxitimidina (AZT). Posible efecto preventivo de los antioxidantes orales  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** María Luisa del Olmo Hinojal  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1996
- 42** **Project title:** Valoración del estrés oxidativo en la transición fetal neonatal  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Jesús Catalá Sáez  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1996
- 43** **Project title:** Papel del envejecimiento mitocondrial en el metabolismo hepático  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Rosa M<sup>a</sup> Pla Vidal  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1995
- 44** **Project title:** Fallo respiratorio agudo y sepsis. Modificaciones hemodinámicas y del intercambio gaseoso durante la hipo, normo e hipercapnia  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Jesus Hector Boix Ruiz  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1993



- 45** **Project title:** Envejecimiento y Glutation: Efecto de los antioxidantes tiolicos sobre el proceso de envejecimiento Premio Extraordinario del Doctorado 1995.  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Vicente Antón Crespo  
**Obtained qualification:** Suitable cum laude and honors  
**Date of reading:** 1993
- 46** **Project title:** Inducción de la actividad cistationasa en recién nacidos pretérmino y a término. Importancia en el metabolismo de aminoácido azufrados  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Fernando García-Sala Viguer  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1990
- 47** **Project title:** Metabolismo del glutathion en el cristalino: cambios durante el envejecimiento y la cataratogénesis  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** José V. Ferrer Valls  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1990
- 48** **Project title:** Estudio del metabolismo hepático de roedores en el envejecimiento  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Juan Sastre Belloch  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1989
- 49** **Project title:** Papel del ciclo del enlace gamma- glutamilo en el metabolismo de los aminoácidos en distintos tejidos de mamíferos  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Pilar Blay Albors  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1988
- 50** **Project title:** La perfusión de hígado de rata con digitonina: Una nueva técnica para el estudio de la zonación metabólica hepática  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Juan. F. Llopis Borrás  
**Obtained qualification:** Excellent  
**Date of reading:** 1988



- 51** **Project title:** Estudio acerca del mecanismo hepatoprotector del glutatión oral y del mecanismo de la citotoxicidad de la cisteína  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Carmen Pérez-Sánchez Moreno  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1987
- 52** **Project title:** Estudio del glutatión en la oclusión coronaria experimental del perro  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Alfredo Montoro Soriano  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1987
- 53** **Project title:** Efecto de la depleción de glutatión sobre la síntesis de proteínas  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Vicente Catalán Cuenca  
**Obtained qualification:** Excellent  
**Date of reading:** 1987
- 54** **Project title:** Estudio de los niveles de glutatión en un modelo de obesidad experimental.  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Juan Sastre Belloch  
**Obtained qualification:** Excellent  
**Date of reading:** 1987
- 55** **Project title:** El ciclo del enlace gamma-glutamilo: papel de la oxoprolina en la captación de aminoácidos por la glándula mamaria de rata lactante  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Argimiro Rodríguez Jerez  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1986
- 56** **Project title:** Estudio de la lipogénesis de novo en ratas alimentadas ad libitum y con dieta a tiempo restringido  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Federico Pallardó Calatayud  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1986



- 57** **Project title:** Efecto de la administración oral de glutathione sobre los niveles hepáticos del mismo  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de Extremadura  
**City of entity:** Spain  
**Student:** Carmen Pérez Sánchez-Moreno  
**Obtained qualification:** Excellent  
**Date of reading:** 1986
- 58** **Project title:** Estudio sobre el mecanismo facilitador de la salida de iones calcio de hígado de rata. Papel de los nucleótidos de nicotinamida y de los grupos tioles  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** José Estrela Arigüel  
**Obtained qualification:** Suitable cum laude  
**Date of reading:** 1985
- 59** **Project title:** Efectos de la L-cisteína sobre el infarto agudo de miocardio experimental en perro  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Antonio Alberola Aguilar  
**Obtained qualification:** Excellent  
**Date of reading:** 1985
- 60** **Project title:** Implicación de la gamma glutamil transpeptidasa en la transferencia placentaria de aminoácidos  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Rosa Hernández Doménech  
**Obtained qualification:** Excellent  
**Date of reading:** 1985
- 61** **Project title:** Efectos metabólicos de los anestésicos halogenados  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Ricardo Bolinches Bolinches  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1984
- 62** **Project title:** Mecanismos de la captación de aminoácidos por la glándula mamaria de rata lactante. Influencia del estado nutricional  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Juan Montoro Soriano  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1984



- 63** **Project title:** Papel del glutatión en la neoglucogénesis hepática  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Argimiro Rodríguez Jerez  
**Obtained qualification:** Excellent  
**Date of reading:** 1984
- 64** **Project title:** Metabolismo del metil glicoxal en los hepatocitos aislados de rata  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Pilar Blay Albors  
**Obtained qualification:** Excellent  
**Date of reading:** 1984
- 65** **Project title:** Mecanismo molecular de la citotoxicidad de la cisteína  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Guillermo Sáez Tormo  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1983
- 66** **Project title:** Estudio del mecanismo de captación de aminoácidos por la glándula mamaria de la rata lactante  
**Type of project:** Doctoral thesis  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Inmaculada Puertes Casañ  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 1983
- 67** **Project title:** Efectos de la N-acetil cisteína sobre el infarto agudo de miocardio en perro  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Alfredo Montoro Soriano  
**Obtained qualification:** Excellent  
**Date of reading:** 1983
- 68** **Project title:** Papel del ciclo gamma-glutamilo en la captación de aminoácidos por hepatocitos en cultivo  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València  
**City of entity:** Spain  
**Student:** Mercedes Izquierdo Hernández  
**Obtained qualification:** Excellent  
**Date of reading:** 1982
- 69** **Project title:** Una nueva técnica de aislamiento de hepatocitos de rata  
**Type of project:** Research work of 12 credits  
**Entity:** Universitat de València



**City of entity:** Spain

**Student:** Francisco J. Romero Gómez

**Obtained qualification:** Excellent

**Date of reading:** 1982

**70** **Project title:** Estudio de la síntesis de GSH en el citosol de hígado riñón y cerebro

**Type of project:** Research work of 12 credits

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** Guillermo Sáez Tormo

**Obtained qualification:** Excellent

**Date of reading:** 1980

**71** **Project title:** Regulación de la concentración de glutatión en el sistema nervioso central de la rata

**Type of project:** Research work of 12 credits

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** Ana Toral Pérez

**Obtained qualification:** Excellent

**Date of reading:** 1979

**72** **Project title:** Determinación de residuos esenciales en el centro activo de la glioxalasa I de la levadura

**Type of project:** Research work of 12 credits

**Entity:** Universitat de València

**City of entity:** Spain

**Student:** Lisardo Boscá Gomar

**Obtained qualification:** Excellent

**Date of reading:** 1979

## Other activities/achievements not included above

**Description of the activity:** Other teaching merits: RETICEF - participación en un Máster de envejecimiento y fragilidad



## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Título el proyecto: SEÑALIZACIÓN POR RADICALES LIBRES DE OXÍGENO EN CÉLULAS MADRE: IMPORTANCIA EN MEDICINA REGENERATIVA Expediente: PROMETEOII/2014/056  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Valencia, Spain  
**Name principal investigator (PI, Co-PI....):** José Viña  
**Funding entity or bodies:** Conselleria de Cultura, Educación y Deporte. Generalitat Valenciana **Type of entity:** \*\*Altres organismes  
**City funding entity:** Unknown  
**Start-End date:** 2014 - 2018 **Duration:** 4 years - 1 day  
**Participating entity/entities:** Universidad de Valencia
- 2** **Name of the project:** Utility of OMIC-Based biomarkers in characterizing older individuals at risk for frailty, its progression to disability and general consequences to health and well-being - THE FRAILOMIC INITIATIVE (FRAILOMIC)  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Valencia, Spain  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Unión Europea **Type of entity:** \*\*Altres organismes  
**City funding entity:** Unknown  
**Code according to the funding entity:** 4/2013  
**Start-End date:** 01/01/2013 - 31/12/2017 **Duration:** 5 years  
**Participating entity/entities:** Universidad de Valencia
- 3** **Name of the project:** RED TEMÁTICA DE INVESTIGACIÓN COOPERATIVA EN FRAGILIDAD Y ENVEJECIMIENTO (RETICEF)  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Valencia, Spain  
**Name principal investigator (PI, Co-PI....):** JOSÉ VIÑA RIBES  
**Funding entity or bodies:** ISCIII, Redes de Investigación Cooperativa **Type of entity:** \*\*Altres organismes  
**City funding entity:** Spain  
**Code according to the funding entity:** ISCIII2012-RED-43-029  
**Start-End date:** 01/01/2013 - 31/12/2015 **Duration:** 3 years  
**Participating entity/entities:** Sindicatos de trabajadores

**4** **Name of the project:** Identificación de nuevos biomarcadores periféricos de deterioro cognitivo ligero y de enfermedad de Alzheimer

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Valencia, Spain

**Name principal investigator (PI, Co-PI....):** JOSÉ VIÑA RIBES

**Funding entity or bodies:**

Fundació Gent x gent

**Type of entity:** \*\*Organitzacions No Governament.

**City funding entity:** Spain

**Start-End date:** 01/01/2011 - 31/12/2013

**Duration:** 3 years

**Participating entity/entities:** Universidad de Valencia

**5** **Name of the project:** Modulación de los genes de longevidad y su importancia en la prevención de enfermedades asociadas al envejecimiento

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Valencia, Spain

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

MICINN

**Type of entity:** \*\*Altres organismes

**City funding entity:** Unknown

**Code according to the funding entity:** SAF2010-19498

**Start-End date:** 01/01/2010 - 31/12/2013

**Duration:** 4 years

**Participating entity/entities:** Universidad de Valencia

**6** **Name of the project:** Red temática de investigación cooperativa en envejecimiento y fragilidad (RETICEF)

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Valencia, Spain

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

ISCIII, Redes de Investigación Cooperativa

**Type of entity:** \*\*Altres organismes

**City funding entity:** Spain

**Start-End date:** 01/01/2007 - 31/12/2013

**Duration:** 7 years

**Participating entity/entities:** Universidad de Valencia

**7** **Name of the project:** Frailty Operative Definition Consensus Conference (FOD-CC)

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Valencia, Spain

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

European Union FP7

**Type of entity:** \*\*Altres organismes

**City funding entity:** Unknown

**Code according to the funding entity:** HEALTH-F2-2010-261270

**Start-End date:** 01/01/2010 - 31/12/2011

**Duration:** 2 years

**Participating entity/entities:** Universidad de Valencia

- 8** **Name of the project:** Red temática de investigación cooperativa en envejecimiento y fragilidad (RETICS)  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Universitat de València **Type of entity:** \*\*Universitats  
**City funding entity:** Valencia, Spain  
**Start-End date:** 2007 - 2011 **Duration:** 4 years - 1 day  
**Participating entity/entities:** Universitat de València
- 9** **Name of the project:** Papel de los radicales libres en el envejecimiento y enfermedades asociadas, en especial la enfermedad de Alzheimer y sarcopenia senil. Prevención mediante la inducción de genes antioxidantes (SAF2004-03755)  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** \*\*Ministeris  
**City funding entity:** Spain  
**Start-End date:** 2005 - 2007 **Duration:** 2 years - 1 day  
**Participating entity/entities:** Universitat de València
- 10** **Name of the project:** Papel de los radicales libres en el envejecimiento y enfermedades asociadas, en especial la enfermedad de Alzheimer y sarcopenia senil. Prevención mediante la inducción de genes antioxidantes (SAF2004-03755)  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** \*\*Ministeris  
**City funding entity:** Spain  
**Start-End date:** 2005 - 2007 **Duration:** 2 years - 1 day  
**Participating entity/entities:** Universitat de València
- 11** **Name of the project:** ENVEJECIMIENTO Y RADICALES LIBRES. REGULACIÓN DE DISTINTOS GENES ANTIOXIDANTES POR ESTRÓGENOS Y COMPONENTES DE LA DIETA DURACIÓ FINS A / HASTA 2004  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** \*\*Ministeris  
**City funding entity:** Spain  
**Start-End date:** 2002 - 2004 **Duration:** 2 years - 1 day



**Participating entity/entities:** Universitat de València

**Total amount:** 117.497,86 €

- 12 Name of the project:** Envejecimiento y radicales libres. Regulación de distintos genes antioxidantes por estrógenos y componentes de la dieta

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Comisión Interministerial de Ciencia y Tecnología (CICYT)

**Type of entity:** \*\*Ministeris

**City funding entity:** Spain

**Start-End date:** 2002 - 2004

**Duration:** 2 years - 1 day

**Participating entity/entities:** Universitat de València

- 13 Name of the project:** Est. en humanos y roedores del estrés oxidativo por VIH

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Conselleria de Sanidad de la Comunidad Valenciana

**Type of entity:** \*\*Altres organismes

**City funding entity:** Unknown

**Start-End date:** 2001 - 2001

**Duration:** 1 day

**Participating entity/entities:** Universitat de València

- 14 Name of the project:** Efecto de la infección HIV y de la terapia antirretroviral

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Conselleria de Sanidad de la Comunidad Valenciana

**Type of entity:** \*\*Altres organismes

**City funding entity:** Unknown

**Start-End date:** 2000 - 2000

**Duration:** 1 day

**Participating entity/entities:** Universitat de València

- 15 Name of the project:** Papel de los radicales libres en el envejecimiento y enfermedades asociadas al mismo (98/1462)

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Ministerio de Sanidad y Consumo

**Type of entity:** \*\*Ministeris

**City funding entity:** Spain

**Start-End date:** 1998 - 2000

**Duration:** 2 years - 1 day

**Participating entity/entities:** Universitat de València



**16** **Name of the project:** Toxicidad por radicales libres y envejecimiento: papel en la fisiología celular, en la diabetes y en la coronariopatía (95/0940)

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Ministerio de Sanidad y Consumo

**Type of entity:** \*\*Ministeris

**City funding entity:** Spain

**Start-End date:** 1995 - 1997

**Duration:** 2 years - 1 day

**Participating entity/entities:** Universitat de València

**17** **Name of the project:** Papel de los radicales libres de oxígeno en el daño causado por el ejercicio físico agotador (SAF95-0558)

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Comisión Interministerial de Ciencia y Tecnología (CICYT)

**Type of entity:** \*\*Ministeris

**City funding entity:** Spain

**Start-End date:** 1995 - 1997

**Duration:** 2 years - 1 day

**Participating entity/entities:** Universitat de València

**18** **Name of the project:** Estudio sobre el envejecimiento a nivel celular y orgánico, prevención mediante antioxidantes tíolicos (92/0238)

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Ministerio de Sanidad y Consumo

**Type of entity:** \*\*Ministeris

**City funding entity:** Spain

**Start-End date:** 1992 - 1994

**Duration:** 2 years - 1 day

**Participating entity/entities:** Universitat de València

**19** **Name of the project:** Estrés oxidativo causado por ejercicio físico agotador. Posible prevención por administración oral de antioxidantes (SAF91-0497)

**Entity where project took place:** Universitat de València

**Type of entity:** \*\*Universitats

**City of entity:** Unknown

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Funding entity or bodies:**

Comisión Interministerial de Ciencia y Tecnología (CICYT)

**Type of entity:** \*\*Ministeris

**City funding entity:** Spain

**Start-End date:** 1992 - 1994

**Duration:** 2 years - 1 day

**Participating entity/entities:** Universitat de València

- 20** **Name of the project:** Alteraciones metabólicas durante el envejecimiento y su prevención mediante antioxidantes tiólicos: estudio especial de la detoxificación de fármacos y de la prevención de la catarata senil  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Fondo de Investigaciones Sanitarias de la Seguridad Social **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** Spain  
**Start-End date:** 1989 - 1992 **Duration:** 3 years - 1 day  
**Participating entity/entities:** Universitat de València
- 21** **Name of the project:** Posibilidad de identificar la disminución de glutatión sanguíneo como un nuevo parámetro de agotamiento. Efecto de la administración de glutatión oral sobre la resistencia de deportistas al agotamiento  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** \*\*Ministeris  
**City funding entity:** Spain  
**Start-End date:** 1988 - 1991 **Duration:** 3 years - 1 day  
**Participating entity/entities:** Universitat de València
- 22** **Name of the project:** Evaluación de la posibilidad de que la cisteína sea un aminoácido esencial en el neonato prematuro  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Fondo de Investigaciones Sanitarias de la Seguridad Social **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** Spain  
**Start-End date:** 1988 - 1989 **Duration:** 1 year - 1 day  
**Participating entity/entities:** Universitat de València
- 23** **Name of the project:** Estudio de los efectos fisiológicos de la depleción y repleción de glutatión (GSH). Importancia en Fisiología y Toxicología  
**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats  
**City of entity:** Unknown  
**Name principal investigator (PI, Co-PI....):** José Viña Ribes  
**Funding entity or bodies:** Fondo de Investigaciones Sanitarias de la Seguridad Social **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** Spain



**Start-End date:** 1987 - 1988**Duration:** 1 year - 1 day**Participating entity/entities:** Universitat de València

- 24 Name of the project:** Papel de la vía de la cistationina en situaciones de estrés. Posibilidad de la administración de cisteína o derivados en soluciones de aminoácidos para nutrición parenteral

**Entity where project took place:** Universitat de València**Type of entity:** \*\*Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** José Viña Ribes**Funding entity or bodies:**

Fondo de Investigaciones Sanitarias de la Seguridad Social

**Type of entity:** \*\*Administracions Públiques**City funding entity:** Spain**Start-End date:** 1986 - 1987**Duration:** 1 year - 1 day**Participating entity/entities:** Universitat de València

- 25 Name of the project:** Importancia de la administración oral de glutatión reducido en el mantenimiento de los niveles hepáticos de GSH

**Entity where project took place:** Universitat de València**Type of entity:** \*\*Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** José Viña Ribes**Funding entity or bodies:**

Fondo de Investigaciones Sanitarias de la Seguridad Social

**Type of entity:** \*\*Administracions Públiques**City funding entity:** Spain**Start-End date:** 1985 - 1986**Duration:** 1 year - 1 day**Participating entity/entities:** Universitat de València

- 26 Name of the project:** Importancia del mantenimiento del nivel de glutatión en las funciones celulares hepáticas

**Entity where project took place:** Universitat de València**Type of entity:** \*\*Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** José Viña Ribes**Funding entity or bodies:**

Comisión Asesora de Investigación Científica y Técnica (CAICYT)

**Type of entity:** \*\*Altres organismes**City funding entity:** Spain**Start-End date:** 1984 - 1985**Duration:** 1 year - 1 day**Participating entity/entities:** Universitat de València



## R&D non-competitive contracts, agreements or projects with public or private entities

**Name of the project:** Papel de los radicales libres en la biología de las células madre. Importancia en el desarrollo del envejecimiento (PROMETEO)

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de València **Type of entity:** \*\*Universitats

**City of entity:** Valencia, Spain

**Name principal investigator (PI, Co-PI....):** José Viña Ribes

**Participating entity/entities:** Universitat de València

**Funding entity or bodies:**

Conselleria de Educació Generalitat Valenciana **Type of entity:** \*\*Altres organismes

**City funding entity:** Unknown

**Start date:** 31/05/2010

**Duration:** 4 years - 1 day

## Results

### Industrial and intellectual property

- 1 Title registered industrial property:** 'Composiciones para la salud muscular' con la empresa BIOIBÉRICA S.A. (División de Pharmascience).

**Type of industrial property:** Patent of invention

**Inventors/authors/obtainers:** Viña J; Gómez-Cabrera MC

**Date of register:** 2016

**International non-EU patent:** Yes

**Companies:** 3038 - Bioibérica S.A.

- 2 Title registered industrial property:** Frasco para el cultivo de la mosca Drosophila. Registro de la propiedad industrial de España. Patente nº .

**Type of industrial property:** Patent of invention

**Inventors/authors/obtainers:** Antón, V., Viña, J. Asensi, M.

**Entity holder of rights:** 0000 - Sense especificar

**Nº of application:** P9002822

**Country of inscription:** Spain

**Date of register:** 1990

**Spanish patent:** Yes



## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Inglés M; Gambini J; Mas-Bargues C; García-García FJ; Viña J; Borrás C. Brain-Derived Neurotrophic Factor as a Marker of Cognitive Frailty. 909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. 72 - 3, pp. 450 - 451. (United States of America): 2017. ISSN 1079-5006  
**DOI:** <https://doi.org/10.1093/gerona/glw145>  
**Type of production:** Scientific paper **Format:** Journal
- 2** Jové M; Naudí A; Gambini J; Borrás C; Cabré R; Portero-Otín M; Viña J; Pamplona R J Gerontol A. A Stress-resistant lipidomic signature confers extreme longevity to humans. 909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. (United States of America): 2017. ISSN 1079-5006  
**Type of production:** Scientific paper **Format:** Journal
- 3** Gomez-Cabrera MC; Garcia-Valles R; Rodriguez-Mañas L; Garcia-Garcia FJ; Olaso-Gonzalez G; Salvador-Pascual A; Tarazona-Santabalbina FJ; Viña J. A New Frailty Score for Experimental Animals Based on the Clinical Phenotype: Inactivity as a Model of Frailty.909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. 72 - 7, pp. 885 - 891. (United States of America): 2017. Available on-line at: <<https://academic.oup.com/biomedgerontology/article-abstract/72/7/885/2926172?redirectedFrom=fulltext>>. ISSN 1079-5006  
**DOI:** <https://doi.org/10.1093/gerona/glw337>  
**Type of production:** Scientific paper **Format:** Journal
- 4** Mas-Barguesa C; Viña-Almunia J; Inglés M; Sanz-Rosa J; Gambini J; Ibáñez-Cabellosa JS; García-Giménez JL; Viña J; Borrás C. Role of p16INK4a and BMI-1 in oxidative stress-induced premature senescence in human dental pulp stem cells Redox Biology. 918404 - Redox Biology. 12, pp. 690 - 698. (Holland): Elsevier, 2017. ISSN 2213-2317  
**DOI:** <https://doi.org/10.1016/j.redox.2017.04.002>  
**Type of production:** Scientific paper **Format:** Journal
- 5** Fuchsberger T; Lloret A; Vina J. New functions of APC/C ubiquitin ligase in the nervous system and its role in Alzheimer's disease. 916889 - International Journal Of Molecular Sciences. (United States of America): 2017. ISSN 1661-6596  
**Type of production:** Scientific paper **Format:** Journal
- 6** Borrás C; Serna E; Gambini J; Ingles M, Vina J. Centenarians maintain miRNA biogenesis pathway while it is impaired in octogenarians. 901782 - Mechanisms of Ageing and Development. 168, pp. 54 - 57. (Switzerland): 2017. ISSN 0047-6374  
**DOI:** <https://doi.org/10.1016/j.mad.2017.07.003>  
**Type of production:** Scientific paper **Format:** Journal
- 7** Borrás C; Serna E; Gambini J; Ingles M, Vina J. Centenarians maintain miRNA biogenesis pathway while it is impaired in octogenarians. 901782 - Mechanisms of Ageing and Development. (Switzerland): 2017. ISSN 0047-6374  
**Type of production:** Scientific paper **Format:** Journal

- 8** Viña-Almunia J; Mas-Bargues C; Borrás C; Gambini J; El Alami M; Sanz-Ros J; Peñarrocha M; Vina J. Influence of partial O<sub>2</sub> pressure on the adhesion, proliferation and osteogenic differentiation of human dental pulp stem cells on  $\beta$ -tricalcium phosphate scaffold. 910392 - International Journal of Oral & Maxillofacial Implants. 32 - 6, pp. 1251 - 1256. (United States of America): 2017. ISSN 0882-2786  
**DOI:** <https://doi.org/10.11607/jomi.5529>  
**Type of production:** Scientific paper **Format:** Journal
- 9** Gambini J; Gimeno-Mallench L; Inglés M; Olaso G; Abdelaziz KM; Avellana JA; Belenguer Á; Cruz R; Mas-Bargues C; Borrás C; Viña J. Identification of single nucleotide polymorphisms in centenarians. 001623 - Revista Española de Geriatria y Gerontología. 51 - 3, pp. 146 - 149. (Spain): 2016. ISSN 0211-139X  
**DOI:** <https://doi.org/10.1016/j.regg.2015.09.006>.  
**Type of production:** Scientific paper **Format:** Journal
- 10** Di Domenico F; Pupo G; Giraldo E; Badia MC; Monllor P; Lloret A; Eugenia Schininà M; Giorgi A; Cini C; Tramutola A; Butterfield DA; Viña J; Perluigi M. Oxidative signature of cerebrospinal fluid from mild cognitive impairment and Alzheimer disease patients. 904150 - Free Radical Biology and Medicine. (United States of America): 2016. ISSN 0891-5849  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5.784 **Journal in the top 25%:** Yes  
**Position of publication:** 42 **No. of journals in the cat.:** 290  
**Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM  
**Impact index in year of publication:** 5.784 **Journal in the top 25%:** Yes  
**Position of publication:** 17 **No. of journals in the cat.:** 138
- 11** Di Domenico F; Pupo G; Giraldo E; Lloret A; Badia MC; Schininà ME; Giorgi A; Allan Butterfield D; Viña J; Perluigi M. Autoantibodies profile in matching CSF and serum from AD and aMCI patients: Potential pathogenic role and link to oxidative damage. 913645 - Current Alzheimer Research. (Holland): 2016. ISSN 1567-2050  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** NEUROSCIENCES  
**Impact index in year of publication:** 3.145 **Journal in the top 25%:** No  
**Position of publication:** 125 **No. of journals in the cat.:** 259  
**Impact source:** ISI **Category:** CLINICAL NEUROLOGY  
**Impact index in year of publication:** 3.145 **Journal in the top 25%:** No  
**Position of publication:** 74 **No. of journals in the cat.:** 194
- 12** Lloret A; Fuchsberger T; Giraldo E; Viña J. Reductive stress: A new concept in Alzheimer's disease. 913645 - Current Alzheimer Research. (Holland): 2016. ISSN 1567-2050  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** NEUROSCIENCES  
**Impact index in year of publication:** 2.952 **Journal in the top 25%:** No  
**Position of publication:** 125 **No. of journals in the cat.:** 259  
**Impact source:** ISI **Category:** CLINICAL NEUROLOGY  
**Impact index in year of publication:** 2.952 **Journal in the top 25%:** No  
**Position of publication:** 74 **No. of journals in the cat.:** 194
- 13** Brodaty H; Woolf C; Andersen S; Barzilai N; Brayne C; Cheung KS; Corrada MM; Crawford JD; Daly C; Gondo Y; Hagberg B; Hirose N; Holstege H; Kawas C; Kaye J; Kochan NA; Lau BH; Lucca U; Marcon G; Martin P; Poon LW; Richmond R; Robine JM; Skoog I; Slavin MJ; Szewieczek J; Tettamanti M; Viña J; Perls T; Sachdev PS.



ICC-dementia (International Centenarian Consortium - dementia): an international consortium to determine the prevalence and incidence of dementia in centenarians across diverse ethnorracial and sociocultural groups. 913600 - BMC Neurology. (United Kingdom): 2016. ISSN 1471-2377

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** CLINICAL NEUROLOGY

**Impact index in year of publication:** 2.006

**Journal in the top 25%:** No

**Position of publication:** 124

**No. of journals in the cat.:** 194

- 14** Borrás C; Abdelaziz KM; Gambini J; Serna E; Inglés M; de la Fuente M; García I; Matheu A; Sanchís P; Belenguer A; Errigo A; Avellana JA; Barettino A; Lloret-Fernández C; Flames N; Pes G; Rodríguez-Mañas L; Viña J. Human exceptional longevity: transcriptome from centenarians is distinct from septuagenarians and reveals a role of Bcl-xL in successful aging. 311410 - Aging. 8 - 12, pp. 3185 - 3208. (United States of America): 2016. ISSN 0002-0966

**DOI:** <https://doi.org/10.18632/aging.101078>

**Type of production:** Scientific paper

**Format:** Journal

- 15** Fuchsberger T; Martínez-Bellver S; Giraldo E; Teruel-Martí V; Lloret A; Viña J. Aβ Induces Excitotoxicity Mediated by APC/C-Cdh1 Depletion That Can Be Prevented by Glutaminase Inhibition Promoting Neuronal Survival. 917079 - Scientific Reports. 6, pp. 1 - 16. (United Kingdom): 2016. ISSN 2045-2322

**DOI:** <https://doi.org/10.1038/srep31158>

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 6

**Impact source:** ISI

**Category:** MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 4.259

**Journal in the top 25%:** Yes

**Position of publication:** 10

**No. of journals in the cat.:** 64

- 16** Gomez-Cabrera MC; Vina J; Ji LL. Role of redox signaling and inflammation in skeletal muscle adaptations to training. 019861 - Antioxidants. 5 - 4, (Switzerland): MDPI AG, 2016. ISSN 2076-3921

**DOI:** <https://doi.org/10.3390/antiox5040048>

**Type of production:** Scientific paper

**Format:** Journal

- 17** Viña J; Salvador-Pascual A; Tarazona-Santabalbina FJ; Rodríguez-Mañas L; Gomez-Cabrera MC. Exercise training as a drug to treat age associated frailty. 904150 - Free Radical Biology and Medicine. 98, pp. 159 - 164. (United States of America): 2016. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S089158491630003X>>. ISSN 0891-5849

**DOI:** <https://doi.org/10.1016/j.freeradbiomed.2016.03.024>

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 5

**Impact source:** ISI

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 5.606

**Journal in the top 25%:** Yes

**Position of publication:** 42

**No. of journals in the cat.:** 290

**Impact source:** ISI

**Category:** ENDOCRINOLOGY & METABOLISM

**Impact index in year of publication:** 5.606

**Journal in the top 25%:** Yes

**Position of publication:** 17

**No. of journals in the cat.:** 138

- 18** Viña J; Saez GT; Gambini J; Gomez-Cabrera MC; Borrás C. Role of NAD(+)/NADH redox ratio in cell metabolism: A tribute to Helmut Sies and Theodor Bücher and Hans A. Krebs. 900228 - Archives of Biochemistry and Biophysics. 595, pp. 176 - 180. (United States of America): 2016. ISSN 0003-9861

**DOI:** <https://doi.org/10.1016/j.abb.2015.11.027>

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.165**Position of publication:** 122**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 290**Impact source:** ISI**Impact index in year of publication:** 3.165**Position of publication:** 24**Category:** BIOPHYSICS**Journal in the top 25%:** No**No. of journals in the cat.:** 73

- 19** Bonet-Costa V; Herranz-Pérez V; Blanco-Gandía M; Mas-Bargues C; Inglés M; Garcia-Tarraga P; Rodriguez-Arias M; Miñarro J; Borrás C; Garcia-Verdugo JM; Viña J. Clearing Amyloid- $\beta$  through PPAR $\gamma$ /ApoE Activation by Genistein is a Treatment of Experimental Alzheimer's Disease. -. 2016.

**Type of production:** Scientific paper**Format:** Journal

- 20** Jové M; Naudí A; Gambini J; Borrás C; Cabré R; Portero-Otín M; Viña J; Pamplona R. A Stress-Resistant Lipidomic Signature Confers Extreme Longevity to Humans. 909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. 00 - 00, pp. 1 - 8. (United States of America): 2016. ISSN 1079-5006

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Impact index in year of publication:** 5,957**Position of publication:** 3**Category:** GERIATRICS & GERONTOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 49**Impact source:** ISI**Impact index in year of publication:** 5,957**Position of publication:** 1**Category:** GERONTOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 32

- 21** Viña J; Gomez-Cabrera MC; Jackson M J. Editorial Olympic 2016 Special Issue 'Human performance and redox signaling in health and disease'. 904150 - Free Radical Biology and Medicine. (United States of America): 2016. ISSN 0891-5849

**DOI:** <https://doi.org/10.1016/j.freeradbiomed.2016.06.003>**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Impact index in year of publication:** 5.606**Position of publication:** 42**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 290**Impact source:** ISI**Impact index in year of publication:** 5.606**Position of publication:** 17**Category:** ENDOCRINOLOGY & METABOLISM**Journal in the top 25%:** Yes**No. of journals in the cat.:** 138

- 22** Nóbrega-Pereira S; Fernandez-Marcos PJ; Brioché T; Gomez-Cabrera MC; Salvador-Pascual A; Flores JM; Viña J; Serrano M. G6PD protects from oxidative damage and improves healthspan in mice. 916151 - Nature Communications. 15, pp. 1 - 9. (United Kingdom): 2016. Available on-line at: <<http://www.nature.com/ncomms/2016/160315/ncomms10894/full/ncomms10894.html>>. ISSN 2041-1723

**DOI:** <https://doi.org/10.1038/ncomms10894>.**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 12.124**Position of publication:** 3**Category:** MULTIDISCIPLINARY SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 64



- 23** Tarazona-Santabalbina FJ; Gómez-Cabrera MC; Pérez-Ros P; Martínez-Arnau FM; Cabo H; Tsaparas K; Salvador-Pascual A; Rodríguez-Mañas L; Viña J.A Multicomponent Exercise Intervention that Reverses Frailty and Improves Cognition, Emotion, and Social Networking in the Community-Dwelling Frail Elderly: A Randomized Clinical Trial.914146 - Journal Of The American Medical Directors Association. 17 - 5, pp. 433. (United States of America): 2016. Available on-line at: <<http://www.ncbi.nlm.nih.gov/pubmed/26947059>>. ISSN 1525-8610  
DOI: <https://doi.org/10.1016/j.jamda.2016.01.019>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** GERIATRICS & GERONTOLOGY  
**Impact index in year of publication:** 5.775 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 49
- 24** Viña-Almunia J; Borrás C; Gambini J; El Alamy M; Peñarrocha M; Viña J.Influence of different types of pulp treatment during isolation in the obtention of human dental pulp stem cells.916124 - Medicina Oral Patología Oral y Cirugía Bucal. 21 - 3, pp. 374 - 379. (Spain): 2016. ISSN 1698-4447  
DOI: <https://doi.org/10.4317/medoral.20957>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6
- 25** Knafo S; Sánchez-Puelles C; Palomer E; Delgado I; Draffin JE; Mingo J; Wahle T; Kaleka K; Mou L; Pereda-Perez I; Klossi E; Faber EB; Chapman HM; Lozano-Montes L; Ortega-Molina A; Ordóñez-Gutiérrez L; Wandosell F; Viña J; Dotti CG; Hall RA; Pulido R; Gerges NZ; Chan AM; Spaller MR; Serrano M; Venero C; Esteban JA. PTEN recruitment controls synaptic and cognitive function in Alzheimer's models. Nat Neurosci. 2016. 910126 - Nature Neuroscience. (United States of America): Nature Publishing Group, 2016. ISSN 1097-6256  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** NEUROSCIENCES  
**Impact index in year of publication:** 17.839 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 259
- 26** Viña J; Rodríguez-Mañas L; Salvador-Pascual A; Tarazona-Santabalbina FJ; Gomez-Cabrera MC. Exercise: The lifelong supplement for healthy ageing and slowing down the onset of frailty. 009509 - Journal of Physiology. 2016. ISSN 1469-7793  
**Type of production:** Scientific paper **Format:** Journal
- 27** Di Domenico F; Pupo G; Giraldo E; Badia MC; Monllor P; Lloret A; Schininà ME; Giorgi A; Cini C; Tramutola A; Butterfield DA; Viña J; Perluig M. Oxidative signature of cerebrospinal fluid from mild cognitive impairment and Alzheimer disease patients. 904150 - Free Radical Biology and Medicine. (United States of America): 2016. ISSN 0891-5849  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5,606 **Journal in the top 25%:** Yes  
**Position of publication:** 42 **No. of journals in the cat.:** 290  
**Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM  
**Impact index in year of publication:** 5,606 **Journal in the top 25%:** Yes  
**Position of publication:** 17 **No. of journals in the cat.:** 138
- 28** Olivieri F; Capric M; Bonafè M; Morsianic C; Jin Junge H; Spazzafumob L; Vina J; Suhe Y. Circulating miRNAs and miRNA shuttles as biomarkers: Perspective trajectories of healthy and unhealthy aging. 901782 - Mechanisms of Ageing and Development. (Switzerland): 2016. ISSN 0047-6374  
**Type of production:** Scientific paper **Format:** Journal



**Impact source:** ISI  
**Impact index in year of publication:** 3.087  
**Position of publication:** 15

**Category:** GERIATRICS & GERONTOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 49

**Impact source:** ISI  
**Impact index in year of publication:** 3.087  
**Position of publication:** 101

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 190

- 29** Pareja-Galeano H; Alis R; Sanchis-Gomar F; Cabo H; Cortell-Ballester J; Gomez-Cabrera MC; Lucia A; Viña J. Methodological considerations to determine the effect of exercise on brain-derived neurotrophic factor levels.902300 - Clinical Biochemistry. (Canada): Elsevier, 2015. ISSN 0009-9120

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.382  
**Position of publication:** 9

**Category:** MEDICAL LABORATORY TECHNOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

- 30** Forman HJ; Augusto O; Brigelius-Flohe R; Dennery PA; Kalyanaraman B; Ischiropoulos H; Mann GE; Radi R; Roberts LJ 2nd; Vina J; Davies KJ. Even free radicals should follow some rules: a guide to free radical research terminology and methodology.904150 - Free Radical Biology and Medicine. (United States of America): 2015. ISSN 0891-5849

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 5.784  
**Position of publication:** 37

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 289

**Impact source:** ISI  
**Impact index in year of publication:** 5.784  
**Position of publication:** 14

**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 133

- 31** Gomez-Cabrera MC; Salvador-Pascual A; Cabo H; Ferrando B; Viña J.Redox modulation of mitochondriogenesis in exercise. Does antioxidant supplementation blunt the benefits of exercise training?. 904150 - Free Radical Biology and Medicine. 86, pp. 37 - 46. (United States of America): 2015. Available on-line at: <<http://www.ncbi.nlm.nih.gov/pubmed/25889822>>. ISSN 0891-5849

**DOI:** <https://doi.org/10.1016/j.freeradbiomed.2015.04.006>

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 5

**Impact source:** ISI  
**Impact index in year of publication:** 5.784  
**Position of publication:** 37

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 289

**Impact source:** ISI  
**Impact index in year of publication:** 5.784  
**Position of publication:** 14

**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 133

- 32** Vina J; Ingles M; Borrás C.Response to Vidal and colleagues - Letters to the Editor -. 901779 - Journal of the American Geriatrics Society. 63 - 4, pp. 838 - 839. (United States of America): Wiley, 2015. ISSN 0002-8614

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.842  
**Position of publication:** 8

**Category:** GERIATRICS & GERONTOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 49



**Impact source:** ISI**Impact index in year of publication:** 3.842**Position of publication:** 2**Category:** GERONTOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 32

- 33** Erusalimsky JD; Grillari J; Grune T; Jansen-Duerr P; Lippi G; Sinclair AJ; Tegnér J; Viña J; Durrance-Bagale A; Miñambres R; Viegas M; Rodríguez-Mañas L. In search of 'omics'-based biomarkers to predict risk of frailty and its consequences in older individuals: the FRAILOMIC initiative. 901778 - Gerontology. (Switzerland): Karger, 2015. ISSN 0304-324X

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** GERIATRICS & GERONTOLOGY**Impact index in year of publication:** 3.096**Journal in the top 25%:** No**Position of publication:** 17**No. of journals in the cat.:** 49

- 34** Lippi G; Jansen-Duerr P; Viña J; Durrance-Bagale A; Abugessaisa I; Gomez-Cabrero D; Tegnér J; Grillari J; Erusalimsky J; Sinclair A; Rodríguez-Manás L; FRAILOMIC consortium. Laboratory biomarkers and frailty: presentation of the FRAILOMIC initiative. 909816 - Clinical Chemistry and Laboratory Medicine. (Germany): 2015. ISSN 1434-6621

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** MEDICAL LABORATORY TECHNOLOGY**Impact index in year of publication:** 3.017**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 30

- 35** Gambini J; Inglés M; Olaso G; Lopez-Grueso R; Bonet-Costa V; Gimeno-Mallench L; Mas-Bargues C; Abdelaziz KM; Gomez-Cabrera MC; Vina J; Borrás C. Properties of resveratrol: In vitro and in vivo studies about metabolism, bioavailability, and biological effects in animal models and humans. 915105 - Oxidative Medicine And Cellular Longevity. 2015:837042, (United States of America): 2015. ISSN 1942-0900

**DOI:** <https://doi.org/10.1155/2015/837042>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 11**Impact source:** ISI**Category:** CELL BIOLOGY**Impact index in year of publication:** 4.492**Journal in the top 25%:** No**Position of publication:** 53**No. of journals in the cat.:** 187

- 36** Lloret A; Fuchsberger T; Giraldo E; Vina J. Molecular mechanisms linking amyloid beta toxicity and Tau hyperphosphorylation in Alzheimer's Disease. 904150 - Free Radical Biology and Medicine. (United States of America): 2015. ISSN 0891-5849

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 5.784**Journal in the top 25%:** Yes**Position of publication:** 37**No. of journals in the cat.:** 289**Impact source:** ISI**Category:** ENDOCRINOLOGY & METABOLISM**Impact index in year of publication:** 5.784**Journal in the top 25%:** Yes**Position of publication:** 14**No. of journals in the cat.:** 133

- 37** Sanchis-Gomar F; Pareja-Galeano H; Gomez-Cabrera MC; Candel J; Lippi G; Salvagno GL; Mann GE; Viña J. Allopurinol prevents cardiac and skeletal muscle damage in professional soccer players. 909094 - Scandinavian Journal of Medicine & Science in Sports. (Denmark): Wiley-Blackwell Publishing, 2015. ISSN 0905-7188

**Type of production:** Scientific paper**Format:** Journal

**Impact source:** ISI**Impact index in year of publication:** 3,025**Position of publication:** 11**Category:** SPORT SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 82

- 38** Viña J; Borrás C; Sanchis-Gomar F; Martínez-Bello VE; Ollaso-Gonzalez G; Gambini J; Ingles M; Gomez-Cabrera MC. Pharmacological Properties of Physical Exercise in the Elderly. 909840 - Current Pharmaceutical Design. 20 - 18, pp. 3019 - 3029. (Holland): 2014. ISSN 1381-6128

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Category:** PHARMACOLOGY & PHARMACY**Impact index in year of publication:** 3.288**Journal in the top 25%:** Yes**Position of publication:** 63**No. of journals in the cat.:** 255

- 39** Derbré F; Gratas-Delamarche A; Gómez-Cabrera MC; Viña J. Inactivity-induced oxidative stress: a central role in age-related sarcopenia?. 914066 - European Journal Of Sport Science. 14(1), pp. 98 - 108. (United Kingdom): 2014. ISSN 1746-1391

**DOI:** <https://doi.org/10.1080/17461391.2011.654268>**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** SPORT SCIENCES**Impact index in year of publication:** 1.55**Journal in the top 25%:** No**Position of publication:** 41**No. of journals in the cat.:** 81

- 40** Giraldo E; Lloret A; Fuchsberger T; Viña J. Aβ and tau toxicities in Alzheimer's and linked via oxidative stress-induced p38 activation. Protective role of vitamin E. 918404 - Redox Biology. (Holland): Elsevier, 2014. ISSN 2213-2317

**Type of production:** Scientific paper**Format:** Journal

- 41** Viña J; Borrás C; Sanchis-Gomar F; Martínez-Bello VE; Ollaso-Gonzalez G; Gambini J; Ingles M; Gomez-Cabrera MC. Pharmacological Properties of Physical Exercise in The Elderly. 909840 - Current Pharmaceutical Design. 20 - 18, pp. 3019 - 3029. (Holland): 2014. ISSN 1381-6128

**DOI:** <https://doi.org/10.2174/13816128113196660704>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Category:** PHARMACOLOGY & PHARMACY**Impact index in year of publication:** 3.288**Journal in the top 25%:** Yes**Position of publication:** 63**No. of journals in the cat.:** 255

- 42** Inglés M; Gambini J; Carnicero JA; García-García FJ; Rodríguez-Mañas L; Ollaso-González G; Dromant M; Borrás C; Viña J. Oxidative Stress Is Related to Frailty, Not to Age or Sex, in a Geriatric Population: Lipid and Protein Oxidation as Biomarkers of Frailty. 901779 - Journal of the American Geriatrics Society. 62 - 7, pp. 1324 - 1328. (United States of America): Wiley, 2014. ISSN 0002-8614

**DOI:** <https://doi.org/10.1111/jgs.12876>**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** GERIATRICS & GERONTOLOGY**Impact index in year of publication:** 4.572**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 50**Impact source:** ISI**Category:** GERONTOLOGY**Impact index in year of publication:** 4.572**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 32

- 43** Osuna-Pozo CM; Serra-Rexach JA; Viña J; Gómez-Cabrera MC; Salvá A; Ruiz D; Masanes F; Lopez-Soto A; Formiga F; Cuesta F; Cruz-Jentoft A. Prevalence of sarcopenia in geriatric outpatients and nursing homes. The ELLI study.001623 - Revista Española de Geriátria y Gerontología.49(2), pp. 72 - 76. (Spain): 2014. ISSN 0211-139X  
**DOI:** <https://doi.org/10.1016/j.regg.2013.01.006>  
**Type of production:** Scientific paper **Format:** Journal
- 44** García-Mesa Y; Pareja-Galeano H; Bonet-Costa V; Revilla S; Gómez-Cabrera MC; Gambini J; Giménez-Llort L; Cristòfol R; Viña J; Sanfeliu C. Physical exercise neuroprotects ovariectomized 3xTg-AD mice through BDNF mechanisms. Psychoneuroendocrinology. 901181 - Psychoneuroendocrinology. 45, pp. 156 - 166. (United Kingdom): 2014. ISSN 0306-4530  
**DOI:** <https://doi.org/10.1016/j.psyneuen.2014.03.021>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 10  
**Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM  
**Impact index in year of publication:** 4.944 **Journal in the top 25%:** Yes  
**Position of publication:** 20 **No. of journals in the cat.:** 128  
**Impact source:** ISI **Category:** NEUROSCIENCES  
**Impact index in year of publication:** 4.944 **Journal in the top 25%:** Yes  
**Position of publication:** 44 **No. of journals in the cat.:** 252  
**Impact source:** ISI **Category:** PSYCHIATRY (SCIENCE ED.)  
**Impact index in year of publication:** 4.944 **Journal in the top 25%:** Yes  
**Position of publication:** 21 **No. of journals in the cat.:** 140
- 45** Monleon D; Garcia-Valles R; Morales JM; Brioché T; Olaso-Gonzalez G; Lopez-Grueso R; Gomez-Cabrera MC; Vina J. Metabolomic analysis of long term spontaneous exercise in mice suggests increased lipolysis and altered glucose metabolism when animals are at rest.903421 - Journal of Applied Physiology. 117(10), pp. 1110 - 1119. (United States of America): 2014. ISSN 8750-7587  
**DOI:** <https://doi.org/10.1152/japplphysiol.00585.2014>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 3.056 **Journal in the top 25%:** No  
**Position of publication:** 26 **No. of journals in the cat.:** 83  
**Impact source:** ISI **Category:** SPORT SCIENCES  
**Impact index in year of publication:** 3.056 **Journal in the top 25%:** Yes  
**Position of publication:** 8 **No. of journals in the cat.:** 81
- 46** Kireev RA; Vara E; Viña J; Tresguerres JA. Melatonin and oestrogen treatments were able to improve neuroinflammation and apoptotic processes in dentate gyrus of old ovariectomized female rats.901771 - Age. (United States of America): Springer-Verlag, 2014. ISSN 0161-9152  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** GERIATRICS & GERONTOLOGY  
**Impact index in year of publication:** 3.39 **Journal in the top 25%:** No  
**Position of publication:** 14 **No. of journals in the cat.:** 50

- 47** Ferrando B; Olaso-Gonzalez G; Sebastia V; Viosca E; Gomez-Cabrera MC; Viña J. Allopurinol and its role in the treatment of sarcopenia. 001623 - Revista Española de Geriatria y Gerontología. 49(6), pp. 292 - 298. (Spain): 2014. ISSN 0211-139X  
**DOI:** <https://doi.org/10.1016/j.regg.2014.05.001>.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6
- 48** Cash TP; Pita G; Domínguez O; Alonso MR; Moreno L; Borrás C; Rodríguez-Mañas L; Santiago C; Garatachea N; Lucia A; Avellana JA; Viña J; González-Neira A; Serrano M. Exome sequencing of three cases of familial exceptional longevity. 912646 - Aging Cell. 13 - 6, pp. 1087 - 1090. (United Kingdom): Wiley Open Access, 2014. ISSN 1474-9718  
**DOI:** <https://doi.org/10.1111/accel.12261>  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** GERIATRICS & GERONTOLOGY  
**Impact index in year of publication:** 6.34 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 50  
**Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 6.34 **Journal in the top 25%:** Yes  
**Position of publication:** 36 **No. of journals in the cat.:** 184
- 49** F Sanchis-Gomar; H Pareja-Galeano; MC Gomez-Cabrera; J Candel; G Lippi; GL Salvagno; GE Mann; J Viña. Allopurinol prevents cardiac and skeletal muscle damage in soccer player. 909094 - Scandinavian Journal of Medicine & Science in Sports. 25(1), pp. 110 - 115. (Denmark): Wiley-Blackwell Publishing, 2014. ISSN 0905-7188  
**DOI:** <https://doi.org/10.1111/sms.12213>.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** SPORT SCIENCES  
**Impact index in year of publication:** 2.896 **Journal in the top 25%:** Yes  
**Position of publication:** 11 **No. of journals in the cat.:** 81
- 50** Viña JA; El-Alami M; Gambini J; Borrás C; Viña J; Peñarrocha MA. Application of mesenchymal stem cells in bone regenerative procedures in oral implantology. A literature review. 310290 - J Clin Exp Dent. 6 - 1, (Spain): 2014. ISSN 1989-5488  
**DOI:** <https://doi.org/10.4317/jced.51186>  
**Type of production:** Scientific paper **Format:** Journal
- 51** Nyberg M; Mortensen SP; Cabo H; Gomez-Cabrera MC; Viña J; Hellsten Y. Roles of sedentary aging and lifelong physical activity in exchange of glutathione across exercising human skeletal muscle. 904150 - Free Radical Biology and Medicine. 73, pp. 166 - 173. (United States of America): 2014. ISSN 0891-5849  
**DOI:** <https://doi.org/10.1016/j.freeradbiomed.2014.05.008>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5.736 **Journal in the top 25%:** Yes  
**Position of publication:** 40 **No. of journals in the cat.:** 290  
**Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM  
**Impact index in year of publication:** 5.736 **Journal in the top 25%:** Yes  
**Position of publication:** 16 **No. of journals in the cat.:** 128



- 52** El Alami M; Viña-Almunia J; Gambini J, Mas-Bargues C; Siow R.C.M; Peñarrocha M; Giovanni Mann E; Borrás C; Viña J. Activation of p38, p21, and NRF-2 mediates decreased proliferation of human dental pulp stem cells cultured under 21% O<sub>2</sub>. 918118 - Stem Cell Reports. 3, pp. 566 - 573. (United States of America): Elsevier, 2014. Available on-line at: <<http://dx.doi.org/10.1016/j.stemcr.2014.08.002>>. ISSN 2213-6711  
DOI: <https://doi.org/10.1016/j.stemcr.2014.08.002>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 5,365 **Journal in the top 25%:** Yes  
**Position of publication:** 43 **No. of journals in the cat.:** 184  
**Impact source:** ISI **Category:** CELL & TISSUE ENGINEERING  
**Impact index in year of publication:** 5,365 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 21
- 53** Helios Pareja-Galeano; Rafael Alis; Fabian Sanchis-Gomar; Helena Cabo; José Cortell-Ballester; Mari Carmen Gomez-Cabrera; Alejandro Lucia; Jose Viña. Methodological considerations to determine the effect of exercise on brain-derived neurotrophic factor levels. 902300 - Clinical Biochemistry. 48(3), pp. 162 - 166. (Canada): Elsevier, 2014. ISSN 0009-9120  
DOI: <https://doi.org/10.1016/j.clinbiochem.2014.11.013>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** MEDICAL LABORATORY TECHNOLOGY  
**Impact index in year of publication:** 2.275 **Journal in the top 25%:** No  
**Position of publication:** 13 **No. of journals in the cat.:** 30
- 54** Inglés M; Gambini J; Miguel MG; Bonet-Costa V; Abdelaziz MK; El Alami M; Viña J; Borrás C. PTEN Mediates the Antioxidant Effect of Resveratrol at Nutritionally Relevant Concentrations. 917839 - Biomed Research International. (United States of America): Hindawi Publishing Corporation, 2014. ISSN 2314-6133  
Handle: <http://roderic.uv.es/handle/10550/44194>  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** BIOTECHNOLOGY & APPLIED MICROBIOLOGY  
**Impact index in year of publication:** 1.579 **Journal in the top 25%:** No  
**Position of publication:** 107 **No. of journals in the cat.:** 163  
**Impact source:** ISI **Category:** MEDICINE, RESEARCH & EXPERIMENTAL  
**Impact index in year of publication:** 1.579 **Journal in the top 25%:** No  
**Position of publication:** 85 **No. of journals in the cat.:** 123
- 55** Sanchis-Gomar F; Bonaguri C; Aloe R; Pareja-Galeano H; Martinez-Bello V; Gomez-Cabrera MC; Candel J; Viña J; Lippi G. Effects of acute exercise and xanthine oxidase inhibition on novel cardiovascular biomarkers. 913538 - Translational Research. 162 - 2, pp. 102 - 109. (United States of America): 2013. ISSN 1931-5244  
DOI: <https://doi.org/10.1016/j.trsl.2013.02.006>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** MEDICAL LABORATORY TECHNOLOGY  
**Impact index in year of publication:** 4.044 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 29  
**Impact source:** ISI **Category:** MEDICINE, GENERAL & INTERNAL



**Impact index in year of publication:** 4.044**Position of publication:** 19**Impact source:** ISI**Impact index in year of publication:** 4.044**Position of publication:** 23**Journal in the top 25%:** Yes**No. of journals in the cat.:** 150**Category:** MEDICINE, RESEARCH & EXPERIMENTAL**Journal in the top 25%:** Yes**No. of journals in the cat.:** 122

- 56** Osuna-Pozo CM; Serra-Rexach JA; Viña J; Gómez-Cabrera MD; Salvá A; Ruiz D; Masanes F; Lopez-Soto A; Formiga F; Cuesta F; Cruz-Jentoft A. Prevalence of sarcopenia in geriatric outpatients and nursing homes. The ELLI study. 001623 - Revista Española de Geriatria y Gerontología.(Spain): 2013. ISSN 0211-139X

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 10

- 57** Viña J; Borrás C; Gomez-Cabrera MC. Overweight, obesity, and all-cause mortality. 902221 - JAMA - Journal of the American Medical Association. 309 - 16, pp. 1679 - 1679. (United States of America): American Medical Association, 2013. ISSN 0098-7484

**DOI:** <https://doi.org/10.1001/jama.2013.3080>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 3**Impact source:** ISI**Category:** MEDICINE, GENERAL & INTERNAL**Impact index in year of publication:** 30.387**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 150

- 58** Mari Carmen Gomez-Cabrera; Beatriz Ferrando; Thomas Brioché; Fabian Sanchis-Gomar; Jose Viña. Exercise and antioxidant supplements in the elderly. 917769 - Journal Of Sport And Health Science. 2, pp. 94 - 100. (China): 2013. ISSN 2095-2546

**DOI:** <https://doi.org/10.1016/j.jshs.2013.03.007>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 5**Impact source:** ISI**Category:** SPORT SCIENCES**Impact index in year of publication:** 1,227**Journal in the top 25%:** No**Position of publication:** 49**No. of journals in the cat.:** 81**Impact source:** ISI**Category:** HOSPITALITY, LEISURE, SPORT & TOURISM**Impact index in year of publication:** 1,227**Journal in the top 25%:** No**Position of publication:** 13**No. of journals in the cat.:** 38

- 59** Rodríguez-Mañas L; Féart C; Mann G; Viña J; Chatterji S; Chodzko-Zajko W; Gonzalez-Colaço Harmand M; Bergman H; Carcaillon L; Nicholson C; Scuteri A; Sinclair A; Pelaez M; Van der Cammen T; Beland F; Bickenbach J; Delamarche P; Ferrucci L; Fried LP; Gutiérrez-Robledo LM; Rockwood K; Rodríguez Artalejo F; Serviddio G; Vega E; FOD-CC group. Searching for an operational definition of frailty: a Delphi method based consensus statement: the frailty operative definition-consensus conference project. 909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. 68 - 1, pp. 62 - 67. (United States of America): 2013. ISSN 1079-5006

**DOI:** <https://doi.org/10.1093/gerona/gls119>**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** GERIATRICS & GERONTOLOGY**Impact index in year of publication:** 4.984**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 49**Impact source:** ISI**Category:** GERONTOLOGY





**Impact index in year of publication:** 4.984  
**Position of publication:** 1

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 31

- 60** Gambini J; López-Grueso R; Olaso-González G; Inglés M; Abdelazid K; El Alami M; Bonet-Costa V; Borrás C; Viña J. Resveratrol: distribution, properties and perspectives. 001623 - Revista Española de Geriatria y Gerontología.48 - 2, pp. 79 - 88. (Spain): 2013. ISSN 0211-139X

**DOI:** <https://doi.org/10.1016/j.regg.2012.04.007>

**Type of production:** Scientific paper

**Format:** Journal

- 61** Sanchis-Gomar F; Bonaguri C; Pareja-Galeano H; Gomez-Cabrera MC; Candel J; Viña; Lippi G. Effects of acute exercise and allopurinol administration on soluble urokinase plasminogen activator receptor (suPAR). 913625 - Clinical Laboratory. 59(1), pp. 207 - 210. (Germany): 2013. ISSN 1433-6510

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 7

**Impact source:** ISI

**Category:** MEDICAL LABORATORY TECHNOLOGY

**Impact index in year of publication:** 1.084

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 29

- 62** Pareja-Galeano H; Brioché T; Sanchis-Gomar F; Montal A; Jovaní C; Martínez-Costa C; Gomez-Cabrera MC; Viña J. Impact of exercise training on neuroplasticity-related growth factors in adolescents. 916696 - Journal Of Musculoskeletal & Neuronal Interactions. 13(3), pp. 330 - 333. (Greece): 2013. ISSN 1108-7161

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 8

**Impact source:** ISI

**Category:** NEUROSCIENCES

**Impact index in year of publication:** 2.4

**Journal in the top 25%:** No

**Position of publication:** 156

**No. of journals in the cat.:** 251

**Impact source:** ISI

**Category:** PHYSIOLOGY

**Impact index in year of publication:** 2.4

**Journal in the top 25%:** No

**Position of publication:** 39

**No. of journals in the cat.:** 81

- 63** Badía MC; Giraldo E; Dasí F; Alonso D; Lainez JM; Lloret A; Viña J. Reductive stress in young healthy individuals at risk of Alzheimer disease. 904150 - Free Radical Biology and Medicine. 63, pp. 274 - 279. (United States of America): 2013. ISSN 0891-5849

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 5.71

**Journal in the top 25%:** Yes

**Position of publication:** 45

**No. of journals in the cat.:** 291

**Impact source:** ISI

**Category:** ENDOCRINOLOGY & METABOLISM

**Impact index in year of publication:** 5.71

**Journal in the top 25%:** Yes

**Position of publication:** 15

**No. of journals in the cat.:** 123

- 64** Badia MC; Lloret A; Giraldo E; Dasí F; Olaso G; Alonso MD; Viña J. Lymphocytes from Young Healthy Persons Carrying the ApoE4 Allele Overexpress Stress-Related Proteins Involved in the Pathophysiology of Alzheimer's Disease. 913424 - Journal Of Alzheimers Disease. (Holland): Los Press, 2013. ISSN 1387-2877

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** NEUROSCIENCES

**Impact index in year of publication:** 3.612

**Journal in the top 25%:** No

**Position of publication:** 87

**No. of journals in the cat.:** 251



- 65** López-Grueso R; Gambini J; Abdelaziz KM; Monleón D; Díaz A; El Alami M; Bonet-Costa V; Borrás C; Viña J. Early, But Not Late Onset Estrogen Replacement Therapy Prevents Oxidative Stress and Metabolic Alterations Caused by Ovariectomy.912657 - Antioxidants & Redox Signaling. (United States of America): 2013. ISSN 1523-0864
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 7.667  
**Position of publication:** 27
- Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 291
- Impact source:** ISI  
**Impact index in year of publication:** 7.667  
**Position of publication:** 9
- Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 123
- 66** Vina J; Gomez-Cabrera MC. FORUM ISSUE: 'Free Radicals and Physical Exercise'. 908603 - Free Radical Research. (United Kingdom): 2013. ISSN 1071-5762  
**DOI:** <https://doi.org/10.3109/10715762.2014.853421>
- Type of production:** Scientific paper  
**Total no. authors:** 2  
**Impact source:** ISI  
**Impact index in year of publication:** 2.989  
**Position of publication:** 131
- Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 291
- 67** Gimeno A; García-Giménez JL; Audí L; Toran N; Andaluz P; Dasí F; Viña J; Pallardó FV. Decreased cell proliferation and higher oxidative stress in fibroblasts from Down Syndrome fetuses. Preliminary study.910551 - Biochimica et Biophysica Acta-Molecular Basis of Disease. 1842 - 1, pp. 116 - 125. (Holland): 2013. ISSN 0925-4439  
**DOI:** <https://doi.org/10.1016/j.bbadis.2013.10.014>.
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 5.089  
**Position of publication:** 54
- Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 291
- Impact source:** ISI  
**Impact index in year of publication:** 5.089  
**Position of publication:** 11
- Category:** BIOPHYSICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 74
- 68** Brioché T; Kireev RA; Cuesta S; Gratas-Delamarche A; Tresguerres JA; Gomez-Cabrera MC; Viña J. Growth Hormone Replacement Therapy Prevents Sarcopenia by a Dual Mechanism: Improvement of Protein Balance and of Antioxidant Defenses.909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. (United States of America): 2013. ISSN 1079-5006  
**DOI:** <https://doi.org/10.1093/gerona/glt187>
- Type of production:** Scientific paper  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 4.984  
**Position of publication:** 3
- Format:** Journal  
**Category:** GERIATRICS & GERONTOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 49
- Impact source:** ISI  
**Impact index in year of publication:** 4.984  
**Position of publication:** 1
- Category:** GERONTOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 31



- 69** Vina J; Borrás C; Mohamed K; García-Valles R; Gómez-Cabrera MC. The free radical theory of aging revisited. The cell signaling disruption theory of aging. 912657 - Antioxidants & Redox Signaling. 19 - 8, pp. 779 - 787. (United States of America): 2013. ISSN 1523-0864

**Handle:** <http://roderic.uv.es/handle/10550/44468>

**Type of production:** Scientific paper

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 7.667

**Position of publication:** 27

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 291

**Impact source:** ISI

**Impact index in year of publication:** 7.667

**Position of publication:** 9

**Category:** ENDOCRINOLOGY & METABOLISM

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 123

- 70** Rebeca García-Valles; Mari Carmen Gómez-Cabrera; Leocadio Rodríguez-Mañas; Francisco J García-García; Ana Díaz; Inma Noguera; Gloria Olaso-González; Jose Viña. Life-long spontaneous exercise does not prolong lifespan but improves health span in mice. 313088 - Longevity & Healthspan. 2(1), pp. 2 - 14. (United Kingdom): BioMed Central, 2013. ISSN 2046-2395

**DOI:** <https://doi.org/10.1186/2046-2395-2-14>

**Handle:** <http://roderic.uv.es/handle/10550/44474>

**Type of production:** Scientific paper

**Total no. authors:** 8

**Format:** Journal

- 71** Derbré F; Gratas-Delamarche A; Gómez-Cabrera MC; Viña J. Inactivity-induced oxidative stress: A central role in age-related sarcopenia? European Journal of Sport Science DOI:10.1080/17461391.2011.654268. 914066 - European Journal Of Sport Science. (United Kingdom): 2012. ISSN 1746-1391

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 1.146

**Position of publication:** 48

**Format:** Journal

**Category:** SPORT SCIENCES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 84

- 72** Derbré F; Gómez-Cabrera MC; Nascimento AL; Sanchis-Gomar F; Martínez-Bello VE; Tresguerres JAF; Fuentes T; Gratas-Delamarche A; Monsalve M; Viña J. Age-associated low mitochondrial biogenesis may be explained by lack of response of PGC-1 $\alpha$  to exercise training. 901771 - Age. 34 - 3, pp. 669 - 679. (United States of America): Springer-Verlag, 2012. ISSN 0161-9152

**Type of production:** Scientific paper

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 4.084

**Position of publication:** 8

**Format:** Journal

**Category:** GERIATRICS & GERONTOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 47

- 73** Rodríguez-Mañas L; Féart C; Mann G; Viña J; Chatterji S; Chodzko-Zajko W; González-Colaço Harmand M; Bergman H; Carcaillon L; Nicholson C; Scuteri A; Sinclair A; Pelaez M; Van der Cammen T; Beland F; Bickenbach J; Delamarche P; Ferrucci L; Fried LP; Gutiérrez-Robledo LM; Rockwood K; Rodríguez Artalejo F; Serviddio G; Vega E on behalf of the FOD-CC group. Searching for an Operational Definition of Frailty: A Delphi Method Based Consensus Statement. The Frailty Operative Definition-Consensus Conference Project. 909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. (United States of America): 2012. ISSN 1079-5006

**Type of production:** Scientific paper

**Impact source:** ISI

**Format:** Journal

**Category:** GERIATRICS & GERONTOLOGY



**Impact index in year of publication:** 4.314  
**Position of publication:** 6

**Impact source:** ISI  
**Impact index in year of publication:** 4.314  
**Position of publication:** 1

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 47

**Category:** GERONTOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 31

- 74** Radyuk SN; Gambini J; Borrás C; Serna E; Klichko VI; Viña J; Orr WC Mechanisms of Ageing; Development. Age-dependent changes in the transcription profile of long-lived *Drosophila* over-expressing glutamate cysteine ligase. 901782 - Mechanisms of Ageing and Development. 133 - (6), pp. 401 - 413. (Switzerland): 2012. ISSN 0047-6374

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.264  
**Position of publication:** 13

**Impact source:** ISI  
**Impact index in year of publication:** 3.264  
**Position of publication:** 90

**Format:** Journal  
**Category:** GERIATRICS & GERONTOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 47

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 185

- 75** Vina J; Sanchis-Gomar F; Martinez-Bello V; Gomez-Cabrera MC. Exercise acts as a drug. Pharmacological benefits of exercise. 903096 - British Journal of Pharmacology. 167(1), pp. 1 - 12. (United Kingdom): Proceedings of the British Pharmacological Society, 2012. ISSN 0007-1188

**DOI:** <https://doi.org/10.1111/j.1476-5381.2012.01970.x>

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 5.067  
**Position of publication:** 21

**Format:** Journal  
**Category:** PHARMACOLOGY & PHARMACY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 261

- 76** Martinez-Bello VE; Sanchis-Gomar F; Romagnoli M; Derbre F; Gomez-Cabrera MC; Viña J. Three weeks of erythropoietin treatment hampers skeletal muscle mitochondrial biogenesis in rats. 909309 - Journal of Physiology and Biochemistry. 68 - 4, pp. 593 - 601. (Spain): 2012. ISSN 1138-7548

**DOI:** <https://doi.org/10.1007/s13105-012-0178-7>

**Type of production:** Scientific paper  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 1.654  
**Position of publication:** 229

**Impact source:** ISI  
**Impact index in year of publication:** 1.654  
**Position of publication:** 51

**Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 290

**Category:** PHYSIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 80

- 77** Baño Otalora B; Popovic N; Gambini J; Popovic M; Viña J; Bonet-Costa V; Reiter RJ; Camello PJ; Rol MA; Madrid JA. Circadian System Functionality, Hippocampal Oxidative Stress, and Spatial Memory in the APPswe/PS1dE9 Transgenic Model of Alzheimer Disease: Effects of Melatonin or Ramelteon. 904251 - Chronobiology International. 29 - 7, pp. 822 - 834. (United States of America): 2012. ISSN 0742-0528

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 4.35  
**Position of publication:** 11

**Format:** Journal  
**Category:** BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 83

**Impact source:** ISI**Impact index in year of publication:** 4.35**Position of publication:** 12**Category:** PHYSIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 80

- 78** Gomez-Cabrera MC; Sanchis-Gomar F; Garcia-Valles R; Pareja-Galeano H; Gambini J; Borrás C; Viña J. Mitochondria as sources and targets of damage in cellular aging. 909816 - Clinical Chemistry and Laboratory Medicine. 50(8), pp. 1287 - 1295. (Germany): 2012. ISSN 1434-6621

**DOI:** <https://doi.org/10.1515/cclm-2011-0795>**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** MEDICAL LABORATORY TECHNOLOGY**Impact index in year of publication:** 3.009**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 32

- 79** Pareja-Galeano H; Brioché T; Sanchis-Gomar F; Escrivá C; Dromant M; Gómez-Cabrera MC; Viña J. Effects of physical exercise on cognitive alterations and oxidative stress in an APP/PSN1 transgenic model of Alzheimer's disease. 001623 - Revista Española de Geriatria y Gerontología.(Spain): 2012. ISSN 0211-139X

**DOI:** <https://doi.org/10.1016/j.regg.2012.05.004>.**Type of production:** Scientific paper**Format:** Journal

- 80** Badia MC; Lloret A; Giraldo E; Dasí F; Olaso G; Alonso MD; Viña J. Lymphocytes from young healthy persons carrying the ApoE4 allele overexpress stress-related proteins involved in the pathophysiology of Alzheimer's disease. 913424 - Journal Of Alzheimers Disease. (Holland): los Press, 2012. ISSN 1387-2877

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** NEUROSCIENCES**Impact index in year of publication:** 4.174**Journal in the top 25%:** No**Position of publication:** 64**No. of journals in the cat.:** 252

- 81** Derbre F; Ferrando B; Gomez-Cabrera MC; Sanchis-Gomar F; Martinez-Bello VE; Olaso-Gonzalez G; Diaz A; Gratas-Delamarche A; Cerda M; Viña J. Inhibition of xanthine oxidase by allopurinol prevents skeletal muscle atrophy: Role of p38 MAPKinase and E3 ubiquitin ligases. 915133 - Plos One. 7 - 10, pp. 1 - 9. (United States of America): 2012. ISSN 1932-6203

**DOI:** <https://doi.org/10.1371/journal.pone.0046668>.**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 10**Impact source:** ISI**Category:** MULTIDISCIPLINARY SCIENCES**Impact index in year of publication:** 3.73**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 56

- 82** García-Giménez JL; Ledesma AM; Esmoris I; Romá-Mateo C; Sanz P; Viña J; Pallardó FV. Histone carbonylation occurs in proliferating cells. 904150 - Free Radical Biology and Medicine. 52 - 8, pp. 1453 - 1464. (United States of America): 2012. ISSN 0891-5849

**DOI:** <https://doi.org/10.1016/j.freeradbiomed.2012.01.022>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 7**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 5.271**Journal in the top 25%:** Yes**Position of publication:** 52**No. of journals in the cat.:** 290**Impact source:** ISI**Category:** ENDOCRINOLOGY & METABOLISM





**Impact index in year of publication:** 5.271  
**Position of publication:** 17

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 122

- 83** García-Giménez J.L.; Sanchis-Gomar F.V.; Mena S.; Ivars D.; Gómez-Cabrera MC.; Lippi F.; Pallardó F.V. Epigenetic biomarkers: a new perspective in clinical diagnostics. 905811 - Clinica Chimica Acta. 413 - 19-20, pp. 1576 - 1582. (Holland): 2012. ISSN 0009-8981

**DOI:** <https://doi.org/10.1016/j.cca.2012.05.021>

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 7

**Impact source:** ISI

**Category:** MEDICAL LABORATORY TECHNOLOGY

**Impact index in year of publication:** 2.85

**Journal in the top 25%:** Yes

**Position of publication:** 6

**No. of journals in the cat.:** 32

- 84** Eva Serna; Juan Gambini; Consuelo Borrás; Kheira Mohammed; Angel Belenguer; Paula Sanchis; Juan A. Avellana; Leocadio Rodríguez-Mañas; Jose Viña. Centenarians, but not octogenarians, up-regulate the expression of microRNAs. 917079 - Scientific Reports. 2, pp. 961. (United Kingdom): 2012. ISSN 2045-2322

**DOI:** <https://doi.org/10.1038/srep00961>

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 2,927

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 56

- 85** Sanchis-Gomar F; Olaso-Gonzalez G; Corella M; Gomez-Cabrera MC; Vina J. Increased average longevity among the 'Tour de France' cyclists. 906195 - International Journal of Sports Medicine. 32, pp. 644 - 647. (Germany): 2011. ISSN 0172-4622

**DOI:** <https://doi.org/10.1055/s-0031-1271711>

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** SPORT SCIENCES

**Impact index in year of publication:** 2.43

**Journal in the top 25%:** Yes

**Position of publication:** 14

**No. of journals in the cat.:** 84

- 86** Gamba P; Leonarduzzi G; Tamagno E; Guglielmotto M; Testa G; Sottero B; Gargiulo S; Biasi F; Mauro A; Viña J; Poli G. Interaction between 24-hydroxycholesterol, oxidative stress and amyloid- $\beta$  in amplifying neuronal damage in Alzheimer's disease: three partners in crime. 912646 - Aging Cell. (United Kingdom): Wiley Open Access, 2011. ISSN 1474-9718

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** GERIATRICS & GERONTOLOGY

**Impact index in year of publication:** 6.27

**Journal in the top 25%:** Yes

**Position of publication:** 1

**No. of journals in the cat.:** 45

**Impact source:** ISI

**Category:** CELL BIOLOGY

**Impact index in year of publication:** 6.27

**Journal in the top 25%:** Yes

**Position of publication:** 36

**No. of journals in the cat.:** 179

- 87** Cruz-Jentoft AJ; Triana FC; Gómez-Cabrera MC; López-Soto A; Masanés F; Martín PM; Rexach JA; Hidalgo DR; Salvà A; Viña J; Formiga F. The emergent role of sarcopenia: Preliminary Report of the Observatory of Sarcopenia of the Spanish Society of Geriatrics and Gerontology. 001623 - Revista Española de Geriatria y Gerontología. (Spain): 2011. ISSN 0211-139X

**DOI:** <https://doi.org/10.1016/j.regg.2010.11.004>

**Type of production:** Scientific paper

**Format:** Journal





- 88** Martínez-Bello VE; Sanchis-Gomar F; Nascimento AL; Pallardo FV; Ibañez-Sania S; Olaso-Gonzalez G; Calbet JA; Gomez-Cabrera MC; Viña J. Living at high altitude in combination with sea-level sprint training increases hematological parameters but does not improve performance in rats. 910603 - European Journal of Applied Physiology. 111(6), pp. 1147 - 1156. (Germany): 2011. ISSN 1439-6319  
**DOI:** <https://doi.org/10.1007/s00421-010-1740-z>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 2.15 **Journal in the top 25%:** No  
**Position of publication:** 37 **No. of journals in the cat.:** 78  
**Impact source:** ISI **Category:** SPORT SCIENCES  
**Impact index in year of publication:** 2.15 **Journal in the top 25%:** Yes  
**Position of publication:** 18 **No. of journals in the cat.:** 84
- 89** Borrás C; Gil P; Viña J. Biogerontology in Spain: the most significant studies. 910557 - Biogerontology. 12(1):, pp. 77 - 81. (Holland): 2011. ISSN 1389-5729  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** GERIATRICS & GERONTOLOGY  
**Impact index in year of publication:** 3.34 **Journal in the top 25%:** No  
**Position of publication:** 12 **No. of journals in the cat.:** 45
- 90** Arduini A; Serviddio G; Escobar J; Tormos AM; Bellanti F; Viña J; Monsalve M; Sastre J. Mitochondrial biogenesis fails in secondary biliary cirrhosis in rats leading to mitochondrial DNA depletion and deletions. 910296 - American Journal of Physiology-Gastrointestinal and Liver Physiology. 301(1):G119-27, (United States of America): 2011. ISSN 0193-1857  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** GASTROENTEROLOGY & HEPATOLOGY  
**Impact index in year of publication:** 3.43 **Journal in the top 25%:** Yes  
**Position of publication:** 18 **No. of journals in the cat.:** 73  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 3.43 **Journal in the top 25%:** No  
**Position of publication:** 20 **No. of journals in the cat.:** 78
- 91** Guerra B; Gómez-Cabrera MC; Ponce-González JG; Martínez-Bello VE; Guadalupe-Grau A; Santana A; Sebastia V; Viña J; Calbet JA. Repeated muscle biopsies through a single skin incision do not elicit muscle signaling, but IL-6 mRNA and STAT3 phosphorylation increase in injured muscle. 903421 - Journal of Applied Physiology. 110(6), pp. 1708 - 1715. (United States of America): 2011. ISSN 8750-7587  
**DOI:** <https://doi.org/10.1152/japplphysiol.00091.2011>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 3.75 **Journal in the top 25%:** Yes  
**Position of publication:** 15 **No. of journals in the cat.:** 78  
**Impact source:** ISI **Category:** SPORT SCIENCES  
**Impact index in year of publication:** 3.75 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 84



- 92** Borrás C; Gómez-Cabrera MC; Viña J. The dual role of p53: DNA protection and antioxidant. 908603 - Free Radical Research. 45(6), pp. 643 - 652. (United Kingdom): 2011. ISSN 1071-5762  
**DOI:** <https://doi.org/10.3109/10715762.2011.571685>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.88 **Journal in the top 25%:** No  
**Position of publication:** 140 **No. of journals in the cat.:** 287
- 93** Canepa E; Borghi R; Viña J; Traverso N; Gambini J; Domenicotti C; Marinari UM; Poli G; Pronzato MA; Ricciarelli R. Cholesterol and amyloid- $\beta$ : evidence for a cross-talk between astrocytes and neuronal cells. 913424 - Journal Of Alzheimers Disease. 25(4), pp. 645 - 653. (Holland): los Press, 2011. ISSN 1387-2877  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** NEUROSCIENCES  
**Impact index in year of publication:** 3.75 **Journal in the top 25%:** No  
**Position of publication:** 73 **No. of journals in the cat.:** 244
- 94** Gambini J; Gomez-Cabrera MC; Borrás C; Valles SL; Lopez-Grueso R; Martinez-Bello VE; Herranz D; Pallardo FV; Tresguerres JA; Serrano M; Viña J. Free [NADH]/[NAD(+)] regulates sirtuin expression. 900228 - Archives of Biochemistry and Biophysics. 512 - 1, pp. 24 - 29. (United States of America): 2011. ISSN 0003-9861  
**DOI:** <https://doi.org/10.1016/j.abb.2011.04.020>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.94 **Journal in the top 25%:** No  
**Position of publication:** 134 **No. of journals in the cat.:** 287
- 95** Derbré F; Gomez-Cabrera MC; Nascimento AL; Sanchis-Gomar F; Martinez-Bello VE; Tresguerres JA; Fuentes T; Gratas-Delamarche A; Monsalve M; Viña J. Age associated low mitochondrial biogenesis may be explained by lack of response of PGC-1 $\alpha$  to exercise training. 901771 - Age. 34(3), pp. 669 - 679. (United States of America): Springer-Verlag, 2011. ISSN 0161-9152  
**DOI:** <https://doi.org/10.1007/s11357-011-9264-y>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 10  
**Impact source:** ISI **Category:** GERIATRICS & GERONTOLOGY  
**Impact index in year of publication:** 3.95 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 45
- 96** Sanchis-Gomar F; Martinez-Bello VE; Gomez-Cabrera MC; Viña J. Current limitations of the Athlete's Biological Passport use in sports. 909816 - Clinical Chemistry and Laboratory Medicine. 49(9), pp. 1413 - 1415. (Germany): 2011. ISSN 1434-6621  
**DOI:** <https://doi.org/10.1515/CCLM.2011.609>  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** MEDICAL LABORATORY TECHNOLOGY  
**Impact index in year of publication:** 2.15 **Journal in the top 25%:** No

**Position of publication:** 10**No. of journals in the cat.:** 32

- 97** Lloret A; Badia MC; Giraldo E; Ermak G; Alonso MD; Pallardó FV; Davies KJ; Viña J. Amyloid- $\beta$  Toxicity and Tau Hyperphosphorylation are Linked Via RCAN1 in Alzheimer's Disease. 913424 - Journal Of Alzheimers Disease. 27 - 1, pp. 701 - 709. (Holland): los Press, 2011. ISSN 1387-2877

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** NEUROSCIENCES**Impact index in year of publication:** 3.75**Journal in the top 25%:** No**Position of publication:** 73**No. of journals in the cat.:** 244

- 98** Sanchis-Gomar F; Martínez-Bello VE; Olaso-González G; Gómez-Cabrera MC; Viña J. Different types of storage devices for blood transportation in the anti-doping field. 902300 - Clinical Biochemistry. 44 - 16, pp. 1361. (Canada): Elsevier, 2011. ISSN 0009-9120

**DOI:** <https://doi.org/10.1016/j.clinbiochem.2011.08.1127>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 5**Impact source:** ISI**Category:** MEDICAL LABORATORY TECHNOLOGY**Impact index in year of publication:** 2.08**Journal in the top 25%:** No**Position of publication:** 11**No. of journals in the cat.:** 32

- 99** Sanchis-Gomar F; Gómez-Cabrera MC; Viña J. The loss of muscle mass and sarcopenia: Non hormonal intervention. 901775 - Experimental Gerontology. 46 - 12, pp. 967 - 969. (United Kingdom): 2011. ISSN 0531-5565

**DOI:** <https://doi.org/10.1016/j.exger.2011.08.012>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 3**Impact source:** ISI**Category:** GERIATRICS & GERONTOLOGY**Impact index in year of publication:** 3.74**Journal in the top 25%:** Yes**Position of publication:** 8**No. of journals in the cat.:** 45

- 100** Borrás C; Monleón D; López-Grueso R; Gambini J; Orlando L; Pallardó FV; Santos E; Viña J; Font de Mora J. RasGrf1 deficiency delays aging in mice. 311410 - Aging. (United States of America): 2011. ISSN 0002-0966

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 9

- 101** Vina J; Lloret A; Giraldo E; Badia MC; Alonso MD. Antioxidant pathways in Alzheimer's Disease: Possibilities of intervention. 909840 - Current Pharmaceutical Design. (Holland): 2011. ISSN 1381-6128

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** PHARMACOLOGY & PHARMACY**Impact index in year of publication:** 3.87**Journal in the top 25%:** Yes**Position of publication:** 46**No. of journals in the cat.:** 259

- 102** Sanchis-Gomar F; Viña J; Lippi G. Intermittent hypobaric hypoxia applicability in myocardial infarction prevention and recovery. 912756 - Journal Of Cellular And Molecular Medicine. (Romania): 2011. ISSN 1582-1838

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** MEDICINE, RESEARCH & EXPERIMENTAL**Impact index in year of publication:** 4.13**Journal in the top 25%:** Yes**Position of publication:** 22**No. of journals in the cat.:** 110**Impact source:** ISI**Category:** CELL BIOLOGY



**Impact index in year of publication:** 4.13  
**Position of publication:** 65

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 179

- 103** Vina J; Gambini J; Lopez-Grueso R; Abdelaziz KM; Jove M; Borrás C. Females live longer than males: role of oxidative stress. 909840 - Current Pharmaceutical Design. (Holland): 2011. ISSN 1381-6128

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** PHARMACOLOGY & PHARMACY

**Impact index in year of publication:** 3.87

**Journal in the top 25%:** Yes

**Position of publication:** 46

**No. of journals in the cat.:** 259

- 104** Lloret A; Viña J. Mitochondrial oxygen toxicity in Alzheimer's disease. 917955 - Frontiers In Neuroscience. (Switzerland): 2011. ISSN 1662-453X

**Type of production:** Scientific paper

**Format:** Journal

- 105** Borrás, C.; Gambini, J.; López-Grueso, R.; Pallardó, F.V.; Viña, J. Direct antioxidant and protective effect of estradiol on isolated mitochondria. 900243 - Biochimica et Biophysica Acta. 1802, pp. 205 - 211. (Holland): Elsevier, 2010. ISSN 0006-3002

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 5

- 106** Gomez-Cabrera, M.C.; Close, G.L.; Kayani, A.; McArdle, A.; Viña, J.; Jackson M.J. Effect of xanthine oxidase-generated extracellular superoxide on skeletal muscle force generation. 910299 - American Journal of Physiology-Regulatory Integrative and Comparative Physiology. 298 - 1, pp. 2 - 8. (United States of America): 2010. ISSN 0363-6119

**DOI:** <https://doi.org/10.1152/ajpregu.00142.2009>

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 6

**Impact source:** ISI

**Category:** PHYSIOLOGY

**Impact index in year of publication:** 3.284

**Journal in the top 25%:** No

**Position of publication:** 24

**No. of journals in the cat.:** 78

- 107** Sanchis-Gomar, F.; Martinez-Bello, V.E.; Nascimento, A.L.; Perez-Quilis, C.; Garcia-Gimenez, J.L.; Viña, J.; Gomez-Cabrera, M.C. Desmopressin and hemodilution: implications in doping. 906195 - International Journal of Sports Medicine. (Germany): 2010. ISSN 0172-4622

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** SPORT SCIENCES

**Impact index in year of publication:** 2.381

**Journal in the top 25%:** Yes

**Position of publication:** 13

**No. of journals in the cat.:** 80

- 108** Sanchis-Gomar, F.; Martinez-Bello, V.E.; Gomez-Cabrera, M.C.; Viña J. It is not hypoxia itself, but how you use it. 910603 - European Journal of Applied Physiology. (Germany): 2010. ISSN 1439-6319

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** PHYSIOLOGY

**Impact index in year of publication:** 2.214

**Journal in the top 25%:** No

**Position of publication:** 41

**No. of journals in the cat.:** 78

**Impact source:** ISI

**Category:** SPORT SCIENCES

**Impact index in year of publication:** 2.214

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 80



- 109** Vina; J.; Borras; C. Women live longer than men: understanding molecular mechanisms offers opportunities to intervene by using estrogenic compounds. 912657 - Antioxidants & Redox Signaling. (United States of America): 2010. ISSN 1523-0864
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 8.209  
**Position of publication:** 28
- Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 284
- Impact source:** ISI  
**Impact index in year of publication:** 8.209  
**Position of publication:** 7
- Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 115
- 110** López-Grueso R; Borrás C; Gambini J; Viña J. El Envejecimiento y la ovariectomía causan una disminución del consumo cerebral de glucosa in vivo en ratas Wistar (Aging and ovariectomy cause a decrease in brain glucose consumption in vivo in Wistar rats). 001623 - Revista Española de Geriatria y Gerontología. 45(3), pp. 136 - 140. (Spain): 2010. ISSN 0211-139X
- Type of production:** Scientific paper  
**Format:** Journal
- 111** Romagnoli M; Gomez-Cabrera MC; Perrelli MG; Biasi F; Pallardó FV; Sastre J; Poli G; Viña J. Xanthine oxidase-induced oxidative stress causes activation of NF-kappaB and inflammation in the liver of type I diabetic rats. 904150 - Free Radical Biology and Medicine. (United States of America): 2010. ISSN 0891-5849
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 5.707  
**Position of publication:** 46
- Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 284
- Impact source:** ISI  
**Impact index in year of publication:** 5.707  
**Position of publication:** 16
- Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 115
- 112** Sanchis-Gomar F; Martinez-Bello VE; Nascimento AL; Gomez-Cabrera MC; Viña J. Alternate methods to prevent protease use as a masking agent in sport. 912785 - Journal Of Science And Medicine In Sport. (Australia): 2010. ISSN 1440-2440
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.542  
**Position of publication:** 10
- Format:** Journal  
**Category:** SPORT SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 80
- 113** Viña J; Lloret A. Why women have more Alzheimer's disease than men: gender and mitochondrial toxicity of amyloid-beta peptide. 913424 - Journal Of Alzheimers Disease. (Holland): los Press, 2010. ISSN 1387-2877
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 4.261  
**Position of publication:** 58
- Format:** Journal  
**Category:** NEUROSCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 237
- 114** Markovic J; García-Gimenez JL; Gimeno A; Viña J; Pallardó FV. Role of glutathione in cell nucleus. 908603 - Free Radical Research. (United Kingdom): 2010. ISSN 1071-5762
- Type of production:** Scientific paper  
**Impact source:** ISI
- Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY





**Impact index in year of publication:** 2.805  
**Position of publication:** 143

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 284

- 115** Caro P; Gómez J; Arduini A; González-Sánchez M; González-García M; Borrás C; Viña J; Puertas MJ; Sastre J; Barja G. Mitochondrial DNA sequences are present inside nuclear DNA in rat liver and increase with age. 912167 - Mitochondrion. (United Kingdom): 2010. ISSN 1567-7249

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.238  
**Position of publication:** 60

**Format:** Journal  
**Category:** GENETICS & HEREDITY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 154

**Impact source:** ISI  
**Impact index in year of publication:** 3.238  
**Position of publication:** 94

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 175

- 116** Breusing N; Grune T; Andrisic L; Atalay M; Bartosz G; Biasi F; Borovic S; Bravo L; Casals I; Casillas R; Dinischiotu A; Drzewinska J; Faber H; Fauzi NM; Gajewska A; Gambini J; Gradinaru D; Kokkola T; Lojek A; Luczaj W; Margina D; Mascia C; Mateos R; Meinitzer A; Mitjavila MT; Mrakovcic L; Munteanu MC; Podborska M; Poli G; Sicinska P; Skrzydlewska E; Vina J; Wiswedel I; Zarkovic N; Zelzer S; Spickett CM. An Inter-laboratory validation of methods of lipid peroxidation measurement in UVA-treated human plasma samples Free Radic Res. 908603 - Free Radical Research. 44(10), pp. 1203 - 1215. (United Kingdom): 2010. ISSN 1071-5762

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.805  
**Position of publication:** 143

**Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 284

- 117** Sanchis-Gomar F; Martinez-Bello VE; Gomez-Cabrera MC; Viña J. The hybrid algorithm (Hbmr) to fight against blood doping in sports. 909094 - Scandinavian Journal of Medicine & Science in Sports. 20(6), pp. 789 - 790. (Denmark): Wiley-Blackwell Publishing, 2010. ISSN 0905-7188  
**DOI:** <https://doi.org/10.1111/j.1600-0838.2010.01224.x>

**Type of production:** Scientific paper  
**Total no. authors:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 2.794  
**Position of publication:** 8

**Format:** Journal  
**Category:** SPORT SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 80

- 118** Bonda, D.J.; Evans, T.A.; Santocanale, C.; Catalá Llosá, J.; Viña, J.; Bajic, V.P.; Castellani, R.J.; Siedlak, S.L.; Perry, G.; Smith, M.A.; Lee, H.G. Evidence for the Progression through S-phase in the Ectopic Cell Cycle Re-entry of Neurons in Alzheimer Disease. 308788 - Impact Journals LLC. pp. 382 - 388. (United States of America): Impact Journals LLC., 2009.

**Type of production:** Scientific paper  
**Total no. authors:** 11

**Format:** Journal

- 119** Kireev, R.A.; Tresguerres, A.C.F.; García, C.; Borrás, C.; Ariznavarreta, C.; Vara, E.; Viña, J.; Tresguerres, J.A.F. Hormonal regulation of pro-inflammatory and lipid peroxidation processes in liver of old ovariectomised female rats. 910557 - Biogerontology. (Holland): 2009. ISSN 1389-5729

**Type of production:** Scientific paper  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 2.816

**Format:** Journal  
**Category:** GERIATRICS & GERONTOLOGY  
**Journal in the top 25%:** No



**Position of publication:** 13**No. of journals in the cat.:** 40

- 120** Matheu, A.; Maraver, A.; Collado, M.; Garcia-Cao, I.; Cañamero, M.; Borrás, C.; Flores, J.M.; Klatt, P.; Viña, J.; Serrano, M. Anti-aging activity of the Ink4/Arf locus. 912646 - Aging Cell. 8, pp. 152 - 161. (United Kingdom): Wiley Open Access, 2009. ISSN 1474-9718

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 10**Impact source:** ISI**Category:** GERIATRICS & GERONTOLOGY**Impact index in year of publication:** 7.554**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 40**Impact source:** ISI**Category:** CELL BIOLOGY**Impact index in year of publication:** 7.554**Journal in the top 25%:** Yes**Position of publication:** 23**No. of journals in the cat.:** 162

- 121** Lloret, A.; Badía, M.C.; Mora, N.J.; Pallardó, F.V.; Alonso, M.D.; Viña, J. Vitamin E paradox in Alzheimer's disease: It does not prevent loss of cognition and may even be detrimental. 913424 - Journal Of Alzheimers Disease. 17, pp. 149. (Holland): los Press, 2009. ISSN 1387-2877

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 6**Impact source:** ISI**Category:** NEUROSCIENCES**Impact index in year of publication:** 3.832**Journal in the top 25%:** No**Position of publication:** 64**No. of journals in the cat.:** 231

- 122** Vallés, S.L.; Dolz-Gaiton, P.; Gambini, J.; Borrás, C.; Lloret, A.; Pallardó, F.V.; Viña, J. Estradiol or genistein prevent Alzheimer's disease-associated inflammation correlating with an increase PPAR gamma expression in cultured astrocytes. 902578 - Brain Research. (Holland): 2009. ISSN 0006-8993

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 7**Impact source:** ISI**Category:** NEUROSCIENCES**Impact index in year of publication:** 2.463**Journal in the top 25%:** No**Position of publication:** 133**No. of journals in the cat.:** 231

- 123** Gomez-Cabrera MC; Vina J; Ji LL. Oxidants and Antioxidants Interplay during Exercise: Implication in Muscle Health. 908580 - Physician and Sportsmedicine. (United States of America): 2009. ISSN 0091-3847

**DOI:** <https://doi.org/10.3810/psm.2009.12.1749>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 3

- 124** Sanchis-Gomar F; Martinez-Bello VE; Domenech E; Nascimento AL; Pallardo FV; Gomez-Cabrera MC; Vina J. Effect of intermittent hypoxia on hematological parameters after recombinant human erythropoietin administration. 903413 - European Journal of Applied Physiology and Occupational Physiology. 107 - 4, pp. 429 - 436. (Germany): 2009. ISSN 0301-5548

**DOI:** <https://doi.org/10.1007/s00421-009-1141-3>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 7

- 125** Borrás C; Stvolinsky S; López-Grueso R; Fedorova T; Gambini J; Boldyrev A; Viña J. Low in vivo brain glucose consumption and high oxidative stress in accelerated aging. 900284 - Febs Letters. (Holland): 2009. ISSN 0014-5793



**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.541  
**Position of publication:** 94

**Impact source:** ISI  
**Impact index in year of publication:** 3.541  
**Position of publication:** 20

**Impact source:** ISI  
**Impact index in year of publication:** 3.541  
**Position of publication:** 75

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 283

**Category:** BIOPHYSICS  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 74

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 162

- 126** Markovic J; Mora NJ; Broseta AM; Gimeno A; de-la-Concepción N; Viña J; Pallardó FV. The depletion of nuclear glutathione impairs cell proliferation in 3t3 fibroblasts. 915133 - Plos One. 7 - 4, (United States of America): 2009. ISSN 1932-6203

**Type of production:** Scientific paper  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 4.351  
**Position of publication:** 10

**Format:** Journal

**Category:** BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 76

- 127** Pallardó F.V.; Markovic J.; García J.L.; Viña J. Role of nuclear glutathione as a key regulator of cell proliferation. 902321 - Molecular Aspects of Medicine. 30, pp. 77 - 85. (United Kingdom): 2009. ISSN 0098-2997

**Type of production:** Scientific paper  
**Total no. authors:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 6.492  
**Position of publication:** 33

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 283

**Impact source:** ISI  
**Impact index in year of publication:** 6.492  
**Position of publication:** 5

**Category:** MEDICINE, RESEARCH & EXPERIMENTAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 93

- 128** J Viña; MC Gomez-Cabrera; C Borrás; T Froio; F Sanchis-Gomar; VE Martínez-Bello; FV Pallardo. Mitochondrial biogenesis in exercise and in ageing. 908557 - Advanced Drug Delivery Reviews. (Holland): 2009. ISSN 0169-409X

**DOI:** <https://doi.org/10.1016/j.addr.2009.06.006>.

**Type of production:** Scientific paper  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 11.957  
**Position of publication:** 5

**Format:** Journal

**Category:** PHARMACOLOGY & PHARMACY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 237

- 129** Vallés S.L.; Dolz-Gaiton, P.; Gambini, J.; Pallardó, F.V.; Viña, J. Estradiol or genistein prevent Alzheimer's disease-associated inflammation correlating with an increase PPARgamma expression in cultured astrocytes. 902578 - Brain Research. (Holland): 2009. ISSN 0006-8993

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI

**Format:** Journal

**Category:** NEUROSCIENCES



**Impact index in year of publication:** 2.463  
**Position of publication:** 133

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 231

- 130** Ji, L.L.; Gomez-Cabrera, M.C.; Vina, J. Role of free radicals and antioxidant signaling in skeletal muscle health and pathology. 302335 - Current Drug Targets. Infectious Disorders. 9 (4), pp. 428 - 444. (Holland): Bentham Science Publishers LTD, 2009. ISSN 1568-0053

**Type of production:** Scientific paper

**Format:** Journal

- 131** Vallés SL; Borrás C; Gambini J; Furriol J; Ortega A; Sastre J; Pallardó FV; Viña J. Oestradiol or genistein rescues neurons from amyloid beta-induced cell death by inhibiting activation of p38. 912646 - Aging Cell. (United Kingdom): Wiley Open Access, 2008. ISSN 1474-9718

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 8

**Impact source:** ISI

**Category:** GERIATRICS & GERONTOLOGY

**Impact index in year of publication:** 7.791

**Journal in the top 25%:** Yes

**Position of publication:** 1

**No. of journals in the cat.:** 36

**Impact source:** ISI

**Category:** CELL BIOLOGY

**Impact index in year of publication:** 7.791

**Journal in the top 25%:** Yes

**Position of publication:** 20

**No. of journals in the cat.:** 157

- 132** Gomez-Cabrera MC; Domenech E; Romagnoli M; Arduini A; Borrás C; Pallardó FV; Sastre J; Viña J. Oral administration of vitamin C decreases muscle mitochondrial biogenesis and hampers training-induced adaptations in endurance performance. 902716 - American Journal of Clinical Nutrition. 87(1), pp. 142 - 149. (United States of America): American Society for Nutrition, 2008. ISSN 0002-9165

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 8

**Impact source:** ISI

**Category:** NUTRITION & DIETETICS

**Impact index in year of publication:** 6.74

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 59

- 133** Gomez-Cabrera MC; Domenech E; Viña J. Moderate exercise is an antioxidant: Upregulation of antioxidant genes by training. 904150 - Free Radical Biology and Medicine. 44(2), pp. 126 - 131. (United States of America): 2008. ISSN 0891-5849

**DOI:** <https://doi.org/10.1016/j.freeradbiomed.2007.02.001>.

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 3

**Impact source:** ISI

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 5.399

**Journal in the top 25%:** Yes

**Position of publication:** 43

**No. of journals in the cat.:** 276

**Impact source:** ISI

**Category:** ENDOCRINOLOGY & METABOLISM

**Impact index in year of publication:** 5.399

**Journal in the top 25%:** Yes

**Position of publication:** 15

**No. of journals in the cat.:** 93

- 134** Pereda, J.; Escobar, J.; Sandoval, J.; Rodríguez, J. L.; Sabater, L.; Pallardó, F. V.; Torres, L.; Franco, L.; Viña, J.; López-Rodas, G.; Sastre, J. Glutamate cysteine ligase up-regulation fails in necrotizing pancreatitis. 904150 - Free Radical Biology and Medicine. (United States of America): 2008. ISSN 0891-5849

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 11



**Impact source:** ISI  
**Impact index in year of publication:** 5.399  
**Position of publication:** 43

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 276

**Impact source:** ISI  
**Impact index in year of publication:** 5.399  
**Position of publication:** 15

**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 93

- 135** Viña, J.; Sastre, J.; Pallardó, F.V.; Gambini, J.; Borrás, C. Modulation of longevity-associated genes by estrogens or phytoestrogens. 909150 - Biological Chemistry. (Germany): 2008. ISSN 1431-6730

**Type of production:** Scientific paper  
**Total no. authors:** 5

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.035  
**Position of publication:** 113

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 276

- 136** Lloret A.; Badía M.C.; Mora N.J.; Ortega A.; Pallardó F.V.; Alonso M.D.; Atamna H.; Viña J. Gender and age-dependent differences in the mitochondrial apoptogenic pathway in Alzheimer's disease. 904150 - Free Radical Biology and Medicine. (United States of America): 2008. ISSN 0891-5849

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 5.399  
**Position of publication:** 43

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 276

**Impact source:** ISI  
**Impact index in year of publication:** 5.399  
**Position of publication:** 15

**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 93

- 137** Tomás-Loba A.; Flores I.; Fernández-Marcos P.J.; Cayuela M.L.; Maraver A.; Tejera A.; Borrás C.; Matheu A.; Klatt P.; Flores J.M.; Viña J.; Serrano M.; Blasco M.A. Telomerase reverse transcriptase delays aging in cancer-resistant mice. 900263 - Cell. (United States of America): 2008. ISSN 0092-8674

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 31.253  
**Position of publication:** 1

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 276

**Impact source:** ISI  
**Impact index in year of publication:** 31.253  
**Position of publication:** 2

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 157

- 138** Borrás, C.; Gambini, J.; Viña, J. Mitochondrial oxidant generation is involved in determining why females live longer than males. 911515 - Frontiers In Bioscience-Landmark. 12, pp. 1008 - 1013. (United States of America): 2007. ISSN 1093-9946

**Type of production:** Scientific paper  
**Total no. authors:** 3

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.989  
**Position of publication:** 108

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 263

**Impact source:** ISI

**Category:** CELL BIOLOGY



**Impact index in year of publication:** 2.989  
**Position of publication:** 78

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 156

- 139** Rus, D.A.; Sastre, J.; Viña, J.; Pallardó, F.V. Induction of mitochondrial xanthine oxidase activity during apoptosis in the rat mammary gland. 911515 - Frontiers In Bioscience-Landmark. 12, pp. 1184 - 1189. (United States of America): 2007. ISSN 1093-9946

**Type of production:** Scientific paper  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.989  
**Position of publication:** 108

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 263

**Impact source:** ISI  
**Impact index in year of publication:** 2.989  
**Position of publication:** 78

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 156

- 140** García-de-la-Asunción, J.; Gómez-Cambronero, L.G.; del Olmo, M.L.; Pallardó, F.V.; Sastre, J.; Viña J. Vitamins C and E prevent AZT-induced leukopenia and loss of cellularity in bone marrow. Studies in mice. 908603 - Free Radical Research. 41:(3), (United Kingdom): 2007. ISSN 1071-5762

**Type of production:** Scientific paper  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.925  
**Position of publication:** 111

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 263

- 141** Lloret, A.; Buj, J.; Badia, M.C.; Sastre, J.; Morera, J.; Viña, J. (). Obstructive sleep apnea: arterial oxygen desaturation coincides with increases in systemic oxidative stress markers measured with continuous monitoring. 904150 - Free Radical Biology and Medicine. 42, pp. 894. (United States of America): 2007. ISSN 0891-5849

**Type of production:** Scientific paper  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 4.813  
**Position of publication:** 51

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 263

**Impact source:** ISI  
**Impact index in year of publication:** 4.813  
**Position of publication:** 18

**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 92

- 142** García de la Asunción, J.; Belda, F.J.; Greif, R.; Barber, G.; Viña, J.; Sastre, J. Inspired supplemental oxygen reduces markers of oxidative stress during elective colon surgery. 903717 - British Journal of Surgery. 94, pp. 477. (United Kingdom): Wiley, 2007. ISSN 0007-1323

**Type of production:** Scientific paper  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 4.304  
**Position of publication:** 3

**Category:** SURGERY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 139

- 143** Viña, J.; Borrás, C.; Miquel, M. Theories of Ageing. 910399 - IUBMB Life. 59, pp. 254. (United States of America): 2007. ISSN 1521-6543

**Type of production:** Scientific paper

**Format:** Journal



**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 2.857**Position of publication:** 115**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 263**Impact source:** ISI**Impact index in year of publication:** 2.857**Position of publication:** 85**Category:** CELL BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 156

- 144** Viña, J.; Lloret, A.; Vallés, S.L.; Borrás, C.; Badía, M.C.; Pallardó, F.V.; Sastre, J.; Alonso, M.D. Mitochondrial oxidant signalling in Alzheimer's disease. 913424 - Journal Of Alzheimers Disease. 11, pp. 175 - 181. (Holland): los Press, 2007. ISSN 1387-2877

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 4,081**Position of publication:** 45**Category:** NEUROSCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 211

- 145** Matheu, A.; Maraver, A.; Klatt, P.; Flores, I.; García-Cao, I.; Borrás, C.; Flores, J.M.; Viña, J.; Blasco, M.A.; Serrano, M. Delayed aging through damage protection by the Arf/p53 pathway. 902519 - Nature. 448, pp. 375 - 379. (United Kingdom): 2007. ISSN 0028-0836

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 28.751**Position of publication:** 1**Category:** MULTIDISCIPLINARY SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 50

- 146** Viña, J.; Gómez-Cabrera, M.C.; Borrás, C. Fostering antioxidant defences: up-regulation of antioxidant genes or antioxidant supplementation?. 902720 - British Journal of Nutrition. (United Kingdom): Cambridge University Press, 2007. ISSN 0007-1145

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 2.339**Position of publication:** 17**Category:** NUTRITION & DIETETICS**Journal in the top 25%:** No**No. of journals in the cat.:** 56

- 147** Sastre J; Serviddio G; Pereda J; Minana JB; Arduini A; Vendemiale G; Poli G; Pallardo FV; Vina J. Mitochondrial function in liver disease. 911515 - Frontiers In Bioscience-Landmark. (United States of America): 2007. ISSN 1093-9946

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 2.989**Position of publication:** 108**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 263**Impact source:** ISI**Impact index in year of publication:** 2.989**Position of publication:** 78**Category:** CELL BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 156



- 148** Markovic J; Borrás C; Ortega A; Sastre J; Viña J; Pallardó FV. Glutathione is recruited into the nucleus in early phases of cell proliferation. :900301 - Journal of Biological Chemistry. 13;282(28), pp. 20416 - 20424. (United States of America): 2007. ISSN 0021-9258  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5.581 **Journal in the top 25%:** Yes  
**Position of publication:** 40 **No. of journals in the cat.:** 263
- 149** Aranda R; Doménech E; Rus AD; Real JT; Sastre J; Viña J; Pallardó FV. Age-related increase in xanthine oxidase activity in human plasma and rat tissues. 908603 - Free Radical Research. (United Kingdom): 2007. ISSN 1071-5762  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.925 **Journal in the top 25%:** No  
**Position of publication:** 111 **No. of journals in the cat.:** 263
- 150** Viña J; Lloret A; Vallés SL; Borrás C; Badía MC; Pallardó FV; Sastre J; Alonso MD. Effect of gender on mitochondrial toxicity of Alzheimer's Aβ peptide. 912657 - Antioxidants & Redox Signaling. 9(10), pp. 1677 - 1690. (United States of America): 2007. ISSN 1523-0864  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5.484 **Journal in the top 25%:** Yes  
**Position of publication:** 41 **No. of journals in the cat.:** 263
- Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM  
**Impact index in year of publication:** 5.484 **Journal in the top 25%:** Yes  
**Position of publication:** 12 **No. of journals in the cat.:** 92
- 151** Serviddio G; Sastre J; Bellanti F; Viña J; Vendemiale G; Altomare E. Mitochondrial involvement in non-alcoholic steatohepatitis. 902321 - Molecular Aspects of Medicine. (United Kingdom): 2007. ISSN 0098-2997  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 7.386 **Journal in the top 25%:** Yes  
**Position of publication:** 26 **No. of journals in the cat.:** 263
- Impact source:** ISI **Category:** MEDICINE, RESEARCH & EXPERIMENTAL  
**Impact index in year of publication:** 7.386 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 81
- 152** Martín JA; Pereda J; Martínez-López I; Escrig R; Miralles V; Pallardó FV; Viña JR; Vento M; Viña J; Sastre J. Oxidative stress as a signal to up-regulate gamma-cystathionase in the fetal-to-neonatal transition in rats. 303599 - Cell Mol Biol Incl Cyto Enzymol. (United Kingdom): 2007.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 10



- 153** Ji LL; Gómez-Cabrera MC; Viña, J. Role of nuclear factor kB and mitogen-activated protein kinase signaling in exercise-induced antioxidant enzyme adaptation. 913331 - Applied Physiology Nutrition And Metabolism-Physiologie Appliquee Nutrition Et Metabolisme. 32, pp. 930 - 935. (Canada): 2007. ISSN 1715-5312  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 1 **Journal in the top 25%:** No  
**Position of publication:** 63 **No. of journals in the cat.:** 78  
**Impact source:** ISI **Category:** SPORT SCIENCES  
**Impact index in year of publication:** 1 **Journal in the top 25%:** No  
**Position of publication:** 40 **No. of journals in the cat.:** 72
- 154** Vina, J.; Borras, C.; Gomez-Cabrera, M.C.; Orr, W.C. Part of the Series: From Dietary Antioxidants to Regulators in Cellular Signalling and Gene Expression Role of reactive oxygen species and (phyto)oestrogens in the modulation of adaptive response to stress. 908603 - Free Radical Research. (United Kingdom): 2006. ISSN 1071-5762  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.536 **Journal in the top 25%:** No  
**Position of publication:** 128 **No. of journals in the cat.:** 262
- 155** Gómez-Cabrera, M.C.; Martínez, A.; Santangelo, G.; Pallardó, F.V.; Sastre, J.; Viña, J. Oxidative stress in marathon runners: interest of antioxidant supplementation. 902720 - British Journal of Nutrition. 95, (United Kingdom): Cambridge University Press, 2006. ISSN 0007-1145  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** NUTRITION & DIETETICS  
**Impact index in year of publication:** 2.708 **Journal in the top 25%:** Yes  
**Position of publication:** 12 **No. of journals in the cat.:** 55
- 156** Wijnhoven, H.J.H.; Heunks, L.M.A.; Geraedts, M.C.P.; Hafmans, T.; Viña, J.; Dekhuijzen, P.N.R. Oxidative and nitrosative stress in the diaphragm of patients with COPD. 304724 - International Journal of COPD. 1 (2), (United Kingdom): 2006.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6
- 157** Lloret, A.; Sastre, J.; Pallardó, F.V.; Viña, J. Implicaciones genéticas en la longevidad: análisis multigénico en el macho y en la hembra. 001623 - Revista Española de Geriatria y Gerontología. 41 (4), pp. 228 - 231. (Spain): 2006. ISSN 0211-139X  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4
- 158** Pereda, J.; Gómez-Cambronero, L.; Alberola, A.; Fabregat, G.; Cerdá, M.; Escobar, J.; Sabater, L.; de la Asunción, J.G.; Viña, J.; Sastre, J. Co-administration of pentoxifylline and thiopental causes death by acute pulmonary oedema in rats. 903096 - British Journal of Pharmacology. Octubre - 149(4), pp. 450 - 455. (United Kingdom): Proceedings of the British Pharmacological Society, 2006. ISSN 0007-1188  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 10  
**Impact source:** ISI **Category:** PHARMACOLOGY & PHARMACY  
**Impact index in year of publication:** 3.825 **Journal in the top 25%:** Yes

**Position of publication:** 39**No. of journals in the cat.:** 199

- 159** Van Helvoort; H. A. C.; Heijdra; Y. F. Thijs H. M. H.; Viña; J. Wanten; G. J. A. P. Dekhuijzen. N. R.Exercise-Induced Systemic Effects in Muscle-Wasted Patients with COPD. Med. Sci. Sports Exerc.902280 - Medicine and Science in Sports and Exercise. 38 (9), pp. 1552. (United States of America): 2006. ISSN 0195-9131  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** SPORT SCIENCES  
**Impact index in year of publication:** 2.909 **Journal in the top 25%:** Yes  
**Position of publication:** 5 **No. of journals in the cat.:** 73
- 160** Pereda, J.; Sabater, L.; Aparisi, L.; Escobar, J.; Sandoval, J.; Viña, J.; López-Rodas, G.; Sastre, J.Interaction between cytokines and oxidate stress in acute pancreatitis. 909463 - Current Medicinal Chemistry. 13, pp. 2787. (Holland): 2006. ISSN 0929-8673  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5.207 **Journal in the top 25%:** Yes  
**Position of publication:** 51 **No. of journals in the cat.:** 262
- Impact source:** ISI **Category:** PHARMACOLOGY & PHARMACY  
**Impact index in year of publication:** 5.207 **Journal in the top 25%:** Yes  
**Position of publication:** 19 **No. of journals in the cat.:** 199
- Impact source:** ISI **Category:** CHEMISTRY, MEDICINAL  
**Impact index in year of publication:** 5.207 **Journal in the top 25%:** Yes  
**Position of publication:** 3 **No. of journals in the cat.:** 35
- 161** Viña, J.; Borrás, C.; Gambini, J.; Sastre, J.; Pallardó, F.V.Diferente longevidad entre machos y hembras: Los estrógenos activan genes de longevidad Fisiología (Boletín Informativo de la SECF) 8: (3) 16 - 19. 000870 - Boletín Oficial de la Sociedad Española de Fisiología. 8 (3), pp. 16 - 19. (Spain): 2006.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 162** Badía Picazo, M.C.; Lloret Ancañiz, A.; Ortega Valero, A.; Mora, N.; Alonso Salvador, M.D.; Viña Ribes, J.Estudio de toxicidad del péptido amiloide en linfocitos humanos. 001623 - Revista Española de Geriatria y Gerontología.41(3), pp. 178 - 182. (Spain): 2006. ISSN 0211-139X  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6
- 163** Borrás, C.; Gambini, J.; Gómez-Cabrera, M.C.; Sastre, J.; Pallardó, F.V.; Mann, G.E.; Viña, J.Genistein, a soy isoflavone, up-regulates expression of antioxidant genes: involvement of estrogen receptors, ERK1/2, and NFkB. 900388 - Faseb Journal. (United States of America): 2006. ISSN 0892-6638  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 6.721 **Journal in the top 25%:** Yes  
**Position of publication:** 32 **No. of journals in the cat.:** 262
- Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 6.721 **Journal in the top 25%:** Yes

**Position of publication:** 2**No. of journals in the cat.:** 64**Impact source:** ISI**Category:** CELL BIOLOGY**Impact index in year of publication:** 6.721**Journal in the top 25%:** Yes**Position of publication:** 26**No. of journals in the cat.:** 156

- 164** Vento, M.; Sastre, J.; Asensi, M.A.; Vina, J. Room-air resuscitation causes less damage to heart and kidney than 100% oxygen. 908831 - American Journal of Respiratory and Critical Care Medicine. (United States of America): 2005. ISSN 1073-449X

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 4**Impact source:** ISI**Category:** RESPIRATORY SYSTEM**Impact index in year of publication:** 8.689**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 33**Impact source:** ISI**Category:** CRITICAL CARE MEDICINE**Impact index in year of publication:** 8.689**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 18

- 165** Mahn, K.; Borrás, C.; Knock, G.A.; Taylor, P.; Khan I.Y.; Sugden, D.; Poston, L.; Ward, J.P.; Sharpe, R.M.; Vina, J.; Aaronson, P.I.; Mann, G.E. Dietary soy isoflavone induced increases in antioxidant and eNOS gene expression lead to improved endothelial function and reduced blood pressure in vivo. Oct;19():-7. . [PubMed - in process]. 900388 - Faseb Journal. 12, pp. 1755. (United States of America): 2005. ISSN 0892-6638

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 12**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 7.064**Journal in the top 25%:** Yes**Position of publication:** 28**No. of journals in the cat.:** 261**Impact source:** ISI**Category:** BIOLOGY**Impact index in year of publication:** 7.064**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 65**Impact source:** ISI**Category:** CELL BIOLOGY**Impact index in year of publication:** 7.064**Journal in the top 25%:** Yes**Position of publication:** 20**No. of journals in the cat.:** 153

- 166** Vina, J.; Borrás, C.; Gambini, J.; Sastre, J.; Pallardo, F.V. Why females live longer than males: control of longevity by sex hormones. 304400 - Science of aging knowledge Environment. (United States of America): 2005.

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 5

- 167** Gomez-Cabrera, M.C.; Borrás, C.; Pallardo, F.V.; Sastre, J.; Ji, L.L.; Vina, J. Decreasing xanthine oxidase-mediated oxidative stress prevents useful cellular adaptations to exercise in rats. 903429 - Journal of Physiology-London. (United Kingdom): 2005. ISSN 0022-3751

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 6**Impact source:** ISI**Category:** PHYSIOLOGY**Impact index in year of publication:** 4.272**Journal in the top 25%:** Yes**Position of publication:** 10**No. of journals in the cat.:** 75



- 168** Borrás, C.; Gambini, J.; Gomez-Cabrera, M.C.; Sastre, J.; Pallardo, F.V.; Mann, G.E.; Vina, J. 17beta-oestradiol up-regulates longevity-related, antioxidant enzyme expression via the ERK1 and ERK2[MAPK]/NFkappaB cascade. 912646 - Aging Cell. (United Kingdom): Wiley Open Access, 2005. ISSN 1474-9718

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 7

**Impact source:** ISI

**Category:** CELL BIOLOGY

**Impact index in year of publication:** 6.013

**Journal in the top 25%:** Yes

**Position of publication:** 28

**No. of journals in the cat.:** 153

- 169** Vina, J.; Borrás, C.; Gambini, J.; Sastre, J.; Pallardo, F.V. Why females live longer than males? Importance of the upregulation of longevity-associated genes by oestrogenic compounds. 900284 - Febs Letters. (Holland): 2005. ISSN 0014-5793

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 5

**Impact source:** ISI

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 3.415

**Journal in the top 25%:** No

**Position of publication:** 84

**No. of journals in the cat.:** 261

**Impact source:** ISI

**Category:** BIOPHYSICS

**Impact index in year of publication:** 3.415

**Journal in the top 25%:** No

**Position of publication:** 18

**No. of journals in the cat.:** 65

**Impact source:** ISI

**Category:** CELL BIOLOGY

**Impact index in year of publication:** 3.415

**Journal in the top 25%:** No

**Position of publication:** 58

**No. of journals in the cat.:** 153

- 170** Sastre, J.; Martin, J.A.; Gomez-Cabrera, M.C.; Pereda, J.; Borrás, C.; Pallardo, F.V.; Vina, J. Age-associated oxidative damage leads to absence of gamma-cystathionase in over 50% of rat lenses: relevance in cataractogenesis. 904150 - Free Radical Biology and Medicine. 38(5), pp. 575 - 582. (United States of America): 2005. ISSN 0891-5849

**DOI:** <https://doi.org/10.1016/j.freeradbiomed.2004.11.029>

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 7

**Impact source:** ISI

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 4.971

**Journal in the top 25%:** Yes

**Position of publication:** 45

**No. of journals in the cat.:** 261

**Impact source:** ISI

**Category:** ENDOCRINOLOGY & METABOLISM

**Impact index in year of publication:** 4.971

**Journal in the top 25%:** Yes

**Position of publication:** 14

**No. of journals in the cat.:** 89

- 171** Serviddio G; Pereda J; Pallardó FV; Carretero J; Borrás C; Cutrin J; Vendemiale G; Poli, G; Viña J; Sastre J. Ursodeoxycholic acid protects against secondary biliary cirrhosis by preventing mitochondrial oxidative stress. 901587 - Hepatology. 39, pp. 711 - 720. (United States of America): 2004. ISSN 0270-9139

**Type of production:** Scientific paper

**Format:** Journal

**Total no. authors:** 10

**Impact source:** ISI

**Category:** GASTROENTEROLOGY & HEPATOLOGY

**Impact index in year of publication:** 10.416

**Journal in the top 25%:** Yes

**Position of publication:** 2

**No. of journals in the cat.:** 46



- 172** Viña, J.; Loret, A.; Ortí, R.; Alonso, D. Molecular bases of the treatment of Alzheimer's disease with antioxidants: prevention of oxidative stress. 902321 - Molecular Aspects of Medicine. 25, (United Kingdom): 2004. ISSN 0098-2997  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4
- 173** Collins, A.R.; Cadet, J.; Möller, L.; Poulsen, H.E.; Viña, J. Are we sure we know how to measure 8-oxo-7, 8-dihydroguanine in DNA from human cells? :. 900228 - Archives of Biochemistry and Biophysics. 423, (United States of America): 2004. ISSN 0003-9861  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.657 **Journal in the top 25%:** No  
**Position of publication:** 116 **No. of journals in the cat.:** 261  
**Impact source:** ISI **Category:** BIOPHYSICS  
**Impact index in year of publication:** 2.657 **Journal in the top 25%:** No  
**Position of publication:** 26 **No. of journals in the cat.:** 64
- 174** Pereda, J.; Sabater, S.; Cassinello, N.; Gómez-Cambronero, L.; Closa, D.; Folch, E.; Aparisi, L.; Calvete, J.; Cerdá, M.; Lledó, S.; Viña, J.; Sastre, J. Effect of simultaneous inhibition of TNF- $\alpha$  production and xanthine oxidase in experimental acute pancreatitis - The role of mitogen activated protein kinases Annals of Surgery :. 903711 - Annals of Surgery. 240, (United States of America): 2004. ISSN 0003-4932  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 12  
**Impact source:** ISI **Category:** SURGERY  
**Impact index in year of publication:** 5.907 **Journal in the top 25%:** Yes  
**Position of publication:** 1 **No. of journals in the cat.:** 139
- 175** Borrás, C.; Esteve, J.M.; Vina, J.R.; Sastre, J.; Vina, J.; Pallardo, F.V. Glutathione regulates telomerase activity in 3T3 fibroblasts. 900301 - Journal of Biological Chemistry. 279(33), (United States of America): 2004. ISSN 0021-9258  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 6.355 **Journal in the top 25%:** Yes  
**Position of publication:** 32 **No. of journals in the cat.:** 261
- 176** Ji, L.L.; Gomez-Cabrera, M.C.; Steinhafel, N.; Vina, J. Acute exercise activates nuclear factor (NF)- $\kappa$ B signaling pathway in rat skeletal muscle. 900388 - Faseb Journal. 18, (United States of America): 2004. ISSN 0892-6638  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 6.82 **Journal in the top 25%:** Yes  
**Position of publication:** 29 **No. of journals in the cat.:** 261  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 6.82 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 64



**Impact source:** ISI**Impact index in year of publication:** 6.82**Position of publication:** 24**Category:** CELL BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 155

- 177** Zhu, X.; Heunks, L.M.; Versteeg, E.M.; Van Der Heijden, H.F.; Ennen, L.; Van Kuppevelt T.H.; Vina, J.; Dekhuijzen, P.N. Hypoxia-induced dysfunction of rat diaphragm: Role of peroxynitrite. 910298 - American Journal of Physiology-Lung Cellular and Molecular Physiology. (United States of America): 2004. ISSN 1040-0605

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Category:** PHYSIOLOGY**Impact index in year of publication:** 4.051**Journal in the top 25%:** Yes**Position of publication:** 9**No. of journals in the cat.:** 74**Impact source:** ISI**Category:** RESPIRATORY SYSTEM**Impact index in year of publication:** 4.051**Journal in the top 25%:** Yes**Position of publication:** 4**No. of journals in the cat.:** 33

- 178** García de la Asunción, J.; del Olmo, M.L.; Gómez-Cambronero, L.G.; Sastre, J.; Pallardó, F.V.; Viña, J. AZT induces oxidative damage to cardiac mitochondria: Protective effect of vitamins C and E. 906184 - Life Sciences. 76, (United Kingdom): 2004. ISSN 0024-3205

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Category:** MEDICINE, RESEARCH & EXPERIMENTAL**Impact index in year of publication:** 2.158**Journal in the top 25%:** No**Position of publication:** 26**No. of journals in the cat.:** 71**Impact source:** ISI**Category:** PHARMACOLOGY & PHARMACY**Impact index in year of publication:** 2.158**Journal in the top 25%:** No**Position of publication:** 69**No. of journals in the cat.:** 187

- 179** Viña, J.; Sastre, J.; Pallardó, F.V.; Borrás, C. Posibles mecanismos por los que las mujeres viven más que los varones Revista Española de Geriatria y Gerontología. 001623 - Revista Española de Geriatria y Gerontología. 39 (6), (Spain): 2004. ISSN 0211-139X

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 4

- 180** Borrás, C.; Sastre, J.; Viña, J. Age-associated oxidative damage leads to absence of gamma-cystathionase in over 50% of rat lenses. Relevance in cataractogenesis Free Radical Biology and Medicine. 904150 - Free Radical Biology and Medicine. (United States of America): 2004. ISSN 0891-5849

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 3**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 5.625**Journal in the top 25%:** Yes**Position of publication:** 40**No. of journals in the cat.:** 261**Impact source:** ISI**Category:** ENDOCRINOLOGY & METABOLISM**Impact index in year of publication:** 5.625**Journal in the top 25%:** Yes**Position of publication:** 11**No. of journals in the cat.:** 87



- 181** Viña J.; Sastre, J.; Pallardó, F.V.; Borrás C. Posibles mecanismos por los que las mujeres viven más que los varones. 001623 - Revista Española de Geriatria y Gerontología. 39 - 6, pp. 381 - 384. (Spain): 2004. ISSN 0211-139X  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4
- 182** ESCODD (European Standards Committee on Oxidative DNA Damage) (J. Viña, member). Establishing the background level of base oxidation in human lymphocyte DNA: results of an interlaboratory validation study. 900388 - Faseb Journal. (United States of America): 2004. ISSN 0892-6638  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 6.82 **Journal in the top 25%:** Yes  
**Position of publication:** 29 **No. of journals in the cat.:** 261
- Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 6.82 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 64
- Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 6.82 **Journal in the top 25%:** Yes  
**Position of publication:** 24 **No. of journals in the cat.:** 155
- 183** Borrás, C.; Sastre, J.; Viña, J. Age-associated oxidative damage leads to absence of gamma-cystathionase in over 50% of rat lenses. Relevance in cataractogenesis. 904150 - Free Radical Biology and Medicine. 38, (United States of America): 2004. ISSN 0891-5849  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5.625 **Journal in the top 25%:** Yes  
**Position of publication:** 40 **No. of journals in the cat.:** 261
- Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM  
**Impact index in year of publication:** 5.625 **Journal in the top 25%:** Yes  
**Position of publication:** 11 **No. of journals in the cat.:** 87
- 184** Zhu, X.; Heunks, L.M.; Versteeg, E.M.; Van Der Heijden, H.F.; Ennen, L.; Van Kuppevelt T.H.; Vina, J.; Dekhuijzen, P.N. Hypoxia-induced dysfunction of rat diaphragm: Role of peroxynitrite. 910298 - American Journal of Physiology-Lung Cellular and Molecular Physiology. (United States of America): 2004. ISSN 1040-0605  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 4.051 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 74
- Impact source:** ISI **Category:** RESPIRATORY SYSTEM  
**Impact index in year of publication:** 4.051 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 33
- 185** Viña, J.; Sastre, J.; Pallardó, F.V.; Borrás, C. Forum review - Mitochondrial theory of aging: Importance to explain why females live longer than males. 912657 - Antioxidants & Redox Signaling. 5 - 5, pp. 549 - 556. (United States of America): 2003. ISSN 1523-0864  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4

**Impact source:** ISI**Impact index in year of publication:** 3.027**Position of publication:** 86**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 261**Impact source:** ISI**Impact index in year of publication:** 3.027**Position of publication:** 28**Category:** ENDOCRINOLOGY & METABOLISM**Journal in the top 25%:** No**No. of journals in the cat.:** 88

- 186** Vento M; Asensi M; Sastre J; Lloret A; Garcia-Sala F; Vina J. Oxidative stress in asphyxiated term infants resuscitated with 100% oxygen.903059 - Journal of Pediatrics. 142 - 3, pp. 240 - 246. (United States of America): 2003. ISSN 0022-3476

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** PEDIATRICS**Impact index in year of publication:** 2.913**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 68

- 187** Borrás, C.; Sastre, J.; García-Sala, D.; Lloret, A.; Pallardó, F.V.; Viña, J. Mitochondria from females exhibit higher antioxidant gene expression and lower oxidative damage than males Free Radical Biology & Medicine. 904150 - Free Radical Biology and Medicine. 34, (United States of America): 2003. ISSN 0891-5849

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 6**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 5.063**Journal in the top 25%:** Yes**Position of publication:** 43**No. of journals in the cat.:** 261**Impact source:** ISI**Category:** ENDOCRINOLOGY & METABOLISM**Impact index in year of publication:** 5.063**Journal in the top 25%:** Yes**Position of publication:** 14**No. of journals in the cat.:** 88

- 188** Gómez-Cabrera, M.C.; Pallardó, F.V.; Sastre, J.; Vina, J.; García-del-Moral, L. Allopurinol and markers of muscle damage among participants in the Tour de France.902221 - JAMA - Journal of the American Medical Association. 21;289(19), (United States of America): American Medical Association, 2003. ISSN 0098-7484

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 12**Impact source:** ISI**Category:** MEDICINE, GENERAL & INTERNAL**Impact index in year of publication:** 21.455**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 102

- 189** Gómez-Cabrera, M.C.; Pallardó, F.V.; Sastre, J.; Vina, J.; García-del-Moral, L. Sastre, J., Pallardó, F.V., Viña, J. (2003) The role of mitochondrial oxidative stress in aging. 904150 - Free Radical Biology and Medicine. 35 (1), (United States of America): 2003. ISSN 0891-5849

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 3**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 5.063**Journal in the top 25%:** Yes**Position of publication:** 43**No. of journals in the cat.:** 261**Impact source:** ISI**Category:** ENDOCRINOLOGY & METABOLISM**Impact index in year of publication:** 5.063**Journal in the top 25%:** Yes**Position of publication:** 14**No. of journals in the cat.:** 88

- 190** J. Viña. ESCODD (European Standards Committee on Oxidative DNA Damage) (member) Measurement of DNA oxidation in human cells by chromatographic and enzymic methods. 904150 - Free Radical Biology and Medicine. 34:(8), (United States of America): 2003. ISSN 0891-5849
- Type of production:** Scientific paper **Format:** Journal
- Total no. authors:** 1
- Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY
- Impact index in year of publication:** 5.063 **Journal in the top 25%:** Yes
- Position of publication:** 43 **No. of journals in the cat.:** 261
- Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM
- Impact index in year of publication:** 5.063 **Journal in the top 25%:** Yes
- Position of publication:** 14 **No. of journals in the cat.:** 88
- 191** Viña, J. (Member of ESCODD - European Standards Committee on Oxidative DNA Damage). Measurement of DNA oxidation in human cells by chromatographic and enzymic methods. 904150 - Free Radical Biology and Medicine. 34 (8), pp. 1089 - 1099. (United States of America): 2003. ISSN 0891-5849
- Type of production:** Scientific paper **Format:** Journal
- Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY
- Impact index in year of publication:** 5.063 **Journal in the top 25%:** Yes
- Position of publication:** 43 **No. of journals in the cat.:** 261
- Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM
- Impact index in year of publication:** 5.063 **Journal in the top 25%:** Yes
- Position of publication:** 14 **No. of journals in the cat.:** 88
- 192** Sastre, J.; Pallardó, F.V.; Viña, J. The role of mitochondrial oxidative stress in aging. 904150 - Free Radical Biology and Medicine. 35 (1), (United States of America): 2003. ISSN 0891-5849
- Type of production:** Scientific paper **Format:** Journal
- Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY
- Impact index in year of publication:** 5.063 **Journal in the top 25%:** Yes
- Position of publication:** 43 **No. of journals in the cat.:** 261
- Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM
- Impact index in year of publication:** 5.063 **Journal in the top 25%:** Yes
- Position of publication:** 14 **No. of journals in the cat.:** 88
- 193** Gómez-Cabrera, M.C.; Pallardó, F.V.; Sastre, J.; Vina, J.; García-del-Moral, L. Allopurinol and markers of muscle damage among participants in the Tour de France. 902221 - JAMA - Journal of the American Medical Association. (United States of America): American Medical Association, 2003. ISSN 0098-7484
- Type of production:** Scientific paper **Format:** Journal
- Impact source:** ISI **Category:** MEDICINE, GENERAL & INTERNAL
- Impact index in year of publication:** 21.455 **Journal in the top 25%:** Yes
- Position of publication:** 2 **No. of journals in the cat.:** 102
- 194** Vento, M.; Asensi, M.; Sastre, J.; Lloret, A.; Garcia-Sala, F.; Minana, J.B.; Vina, J. Hyperoxemia caused by resuscitation with pure oxygen may alter intracellular redox status by increasing oxidized glutathione in asphyxiated newly born infants. 902772 - Seminars in Perinatology. 26(6), (United States of America): 2002. ISSN 0146-0005
- Type of production:** Scientific paper **Format:** Journal
- Total no. authors:** 7



**Impact source:** ISI  
**Impact index in year of publication:** 1.602  
**Position of publication:** 16

**Category:** OBSTETRICS & GYNECOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 52

**Impact source:** ISI  
**Impact index in year of publication:** 1.602  
**Position of publication:** 16

**Category:** PEDIATRICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 68

- 195** Lloret, A.; Viña, J. Comparative analysis of baseline 8-oxo-7,-dihydroguanine in mammalian cell DNA, by different methods in different laboratories: an approach to consensus :. 907025 - Carcinogenesis. 23 (12), (United Kingdom): 2002. ISSN 0143-3334

**Type of production:** Scientific paper  
**Total no. authors:** 2

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 5.405  
**Position of publication:** 13

**Category:** ONCOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 114

- 196** Gómez-Cambrónero, L.G.; Sabater, L.; Pereda, J.; Cassinello, N.; Camps, B.; Viña, J.; Sastre, J. Role of cytokines and oxidative stress in the pathophysiology of acute pancreatitis: Therapeutical implications. 000850 - Current Drug Targets- Inflammation and Allergy. 1, (United States of America): 2002.

**Type of production:** Scientific paper  
**Total no. authors:** 7

**Format:** Journal

- 197** Sastre, J.; Lloret, A.; Borrás, C.; Pereda, J.; García-Sala, D.; Droy-Lefaix, M.T.; Pallardó, F.V.; Viña, J. Ginkgo biloba extract EGb 761 protects against mitochondrial aging in the brain and in the liver Cellular and Molecular Biology :. 900266 - Cellular and Molecular Biology. 48 (6), (France): 2002. ISSN 0145-5680

**Type of production:** Scientific paper  
**Total no. authors:** 8

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 1.747  
**Position of publication:** 156

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 266

**Impact source:** ISI  
**Impact index in year of publication:** 1.747  
**Position of publication:** 93

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 153

- 198** Shaban, H.; Borrás, C.; Viña, J.; Richter, C. Phosphatidylglycerol potentially protects human retinal pigment epithelial cells against apoptosis induced by A2E, a compound suspected to cause age-related macula degeneration. 902896 - Experimental Eye Research. 75(1), (United States of America): Elsevier, 2002. ISSN 0014-4835

**Type of production:** Scientific paper  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 1.969  
**Position of publication:** 10

**Category:** OPHTHALMOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 41

- 199** B. Riis; J. Viña (member); ESCODD (European Standards Committee on Oxidative DNA Damage). Comparison of results from different laboratories in measuring 8-oxo-2'-deoxyguanosine in synthetic oligonucleotides :. 908603 - Free Radical Research. 36 (6), (United Kingdom): 2002. ISSN 1071-5762

**Type of production:** Scientific paper  
**Total no. authors:** 2

**Format:** Journal





**Impact source:** ISI  
**Impact index in year of publication:** 2.523  
**Position of publication:** 111

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 266

- 200** J. Viña (member of ESCODD). Inter-laboratory Validation of Procedures for Measuring 8-oxo-7, 8-dihydroguanine/8-oxo-7, 8-dihydro-2'-deoxyguanosine in DNA Free Radical Research :. 908603 - Free Radical Research. 36, (United Kingdom): 2002. ISSN 1071-5762

**Type of production:** Scientific paper  
**Total no. authors:** 1  
**Impact source:** ISI  
**Impact index in year of publication:** 2.523  
**Position of publication:** 111

**Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 266

- 201** Sastre, J.; Borrás, C.; García-Sala, D.; Lloret, A.; Pallardó, F.V.; Viña, J. Mitochondrial damage in aging and apoptosis Increasing the Healthy Life Span: Conventional Measures and Slowing the Innate Aging Process (Edited by Denham Harman). 902497 - Annals of the New York Academy of Sciences. 959, (United States of America): 2002. ISSN 0077-8923

**Type of production:** Scientific paper  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 1.682  
**Position of publication:** 7

**Format:** Journal  
**Category:** MULTIDISCIPLINARY SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 48

- 202** Miñana, J.B.; Gómez-Cambronero, L.; Lloret, A.; Pallardó, F.V.; del Olmo, J.; Escudero, A.; Rodrigo, J.M.; Pellín, A.; Viña, J.R.; Viña, J.; Sastre, J. Mitochondrial oxidative stress and CD95 ligand: A dual mechanism for hepatocyte apoptosis in chronic alcoholism. 901587 - Hepatology. 35, (United States of America): 2002. ISSN 0270-9139

**Type of production:** Scientific paper  
**Total no. authors:** 11  
**Impact source:** ISI  
**Impact index in year of publication:** 9.825  
**Position of publication:** 2

**Format:** Journal  
**Category:** GASTROENTEROLOGY & HEPATOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 45

- 203** Desco, M.C.; Asensi, M.; Márquez, R.; Martínez-Valls, J.; Vento, M.; Pallardó, F.V.; Sastre, J.; Viña, J. Xanthine Oxidase is Involved in Free Radical Production in Type 1 Diabetes. Protection by Allopurinol. 901143 - Diabetes. 51 (4), (United States of America): 2002. ISSN 0012-1797

**Type of production:** Scientific paper  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 8.256  
**Position of publication:** 3

**Format:** Journal  
**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 88

- 204** Márquez, R.; Santángelo, G.; Sastre, J.; Goldschmidt, P.; Luyckx, J.; Pallardó, F.V.; Viña, J. Cyanoside Chloride and Chromocarbe Diethylamine are More Effective than Vitamin C against Exercise-Induced Oxidative Stress. 906161 - Pharmacology & Toxicology. 89, (Denmark): 2001. ISSN 0901-9928

**Type of production:** Scientific paper  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 0.925  
**Position of publication:** 128

**Format:** Journal  
**Category:** PHARMACOLOGY & PHARMACY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 186

**Impact source:** ISI**Impact index in year of publication:** 0.925**Position of publication:** 54**Category:** TOXICOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 78

- 205** Muñiz, P.; Sáez, P.; Iradi, A.; Viña, J.; Oliva, M.R.; Sáez, G.T. Differences between Cysteine and Homocysteine in the Induction of Deoxyribose Degradation and DNA Damage. 904150 - Free Radical Biology and Medicine. 30, (United States of America): 2001. ISSN 0891-5849

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 6**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 5.082**Journal in the top 25%:** Yes**Position of publication:** 53**No. of journals in the cat.:** 308**Impact source:** ISI**Category:** ENDOCRINOLOGY & METABOLISM**Impact index in year of publication:** 5.082**Journal in the top 25%:** Yes**Position of publication:** 14**No. of journals in the cat.:** 90

- 206** Vento, M.; Asensi, M.; Sastre, J.; García-Sala, F.; Viña, J. Six Years of Experience with the Use of Room Air for the Resuscitation of Asphyxiated Newly Born Term Infants. 903047 - Biology of the Neonate. 79, (Switzerland): 2001. ISSN 0006-3126

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 5**Impact source:** ISI**Category:** PEDIATRICS**Impact index in year of publication:** 1.072**Journal in the top 25%:** No**Position of publication:** 30**No. of journals in the cat.:** 69

- 207** Martin JA; Sastre J; de la Asuncion JG; Pallardo FV; Vina J. Hepatic  $\gamma$ -Cystathionase deficiency in patients with AIDS. 902221 - JAMA - Journal of the American Medical Association. 285, (United States of America): American Medical Association, 2001. ISSN 0098-7484

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 5**Impact source:** ISI**Category:** MEDICINE, GENERAL & INTERNAL**Impact index in year of publication:** 17.569**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 112

- 208** Vento, M.; Asensi, M.; Sastre, J.; García-Sala, F.; Pallardó, F.V.; Viña, J. Resuscitation with Room Air instead of 100% Oxygen Prevents Oxidative Stress in Moderately Asphyxiated Term Neonates. 903072 - Pediatrics. 107, (United States of America): 2001. ISSN 0031-4005

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 6**Impact source:** ISI**Category:** PEDIATRICS**Impact index in year of publication:** 3.708**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 69

- 209** Viña, J.; Gomez-Cabrera, M.C.; Lloret, A.; Marquez, R.; Miñana, J.B.; Pallardó, F.V.; Sastre, J. Free Radicals in Exhaustive Physical Exercise: Mechanism of Production, and Protection by Antioxidants. 910399 - IUBMB Life. 50, (United States of America): 2000. ISSN 1521-6543

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 7



**Impact source:** ISI  
**Impact index in year of publication:** 0.418  
**Position of publication:** 281

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 310

**Impact source:** ISI  
**Impact index in year of publication:** 0.418  
**Position of publication:** 136

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 147

- 210** Viña, J.; Gimeno, A.; Sastre, J.; Desco, C.; Asensi, M.; Pallardó, F.V.; Cuesta, A.; Ferrero, J.A.; Terada, L.S.; Repine, J.E. Mechanism of Free Radical Production in Exhaustive Exercise in Humans and Rats; Role of Xanthine Oxidase and Protection by Allopurinol. 910399 - IUBMB Life. 49 Issue 6, (United States of America): 2000. ISSN 1521-6543

**Type of production:** Scientific paper  
**Total no. authors:** 10

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 0.418  
**Position of publication:** 281

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 310

**Impact source:** ISI  
**Impact index in year of publication:** 0.418  
**Position of publication:** 136

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 147

- 211** Sastre, J.; Pallardó, F.V.; García de la Asunción, J.; Viña, J. Mitochondria, Oxidative Stress and Aging. 908603 - Free Radical Research. 32, (United Kingdom): 2000. ISSN 1071-5762

**Type of production:** Scientific paper  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.493  
**Position of publication:** 112

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 310

- 212** Sastre, J.; Pallardó, F.V.; Viña, J. Mitochondrial Oxidative Stress Plays a Key Role in Aging and Apoptosis. 910399 - IUBMB Life. 49, (United States of America): 2000. ISSN 1521-6543

**Type of production:** Scientific paper  
**Total no. authors:** 3

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 0.418  
**Position of publication:** 281

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 310

**Impact source:** ISI  
**Impact index in year of publication:** 0.418  
**Position of publication:** 136

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 147

- 213** Gómez-Cambronero, L.; Camps, B.; García de la Asunción, J.; Cerdá, M.; Pellín, A.; Pallardó, F.V.; Calvete, J.; Sweiry, J.H.; Mann, G.E.; Viña, J.; Sastre, J. Pentoxifylline Ameliorates Caerulein-Induced Pancreatitis in Rats. Role of Glutathione and Nitric Oxide. 903158 - Journal of Pharmacology and Experimental Therapeutics. 293, (United States of America): American Society for Pharmacology and Experimental Therapeutics, 2000. ISSN 0022-3565

**Type of production:** Scientific paper  
**Total no. authors:** 11

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.452

**Category:** PHARMACOLOGY & PHARMACY  
**Journal in the top 25%:** Yes

**Position of publication:** 21**No. of journals in the cat.:** 181

- 214** ESCODD (European Standards Committee on Oxidative DNA Damage) (J. Viña, member). Comparison of Different Methods of Measuring 8-Hydroxylated Guanine as a Marker of Oxidative DNA Damage. 908603 - Free Radical Research. 32, (United Kingdom): 2000. ISSN 1071-5762  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 1  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.493 **Journal in the top 25%:** No  
**Position of publication:** 112 **No. of journals in the cat.:** 310
- 215** Viña, J.; Entrala Bueno, A. Función de las vitaminas. Más allá de la prevención de deficiencias. 902236 - Medicine. 7ª serie, (United States of America): Williams & Wilkins, 1999. ISSN 0025-7974  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 2  
**Impact source:** ISI **Category:** MEDICINE, GENERAL & INTERNAL  
**Impact index in year of publication:** 4.723 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 110
- 216** Heunks, L.M.; Vina, J.; van Herwaarden, C.L.; Folgering, H.T.; Gimeno, A.; Dekhuijzen, P.N. Xanthine oxidase is involved in exercise-induced oxidative stress in chronic obstructive pulmonary disease. 903401 - American Journal of Physiology. 277, (United States of America): 1999. ISSN 0002-9513  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6
- 217** Cortijo, J.; Martí Cabrera, M.; García de la Asunción, J.; Pallardó, F.V.; Esteras, A.; Bruseghini, L.; Viña, J.; Morcillo, E. Contraction of Human Airways by Oxidative Stress. Protection by N-Acetylcysteine. 904150 - Free Radical Biology and Medicine. 27, (United States of America): 1999. ISSN 0891-5849  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 4.079 **Journal in the top 25%:** Yes  
**Position of publication:** 57 **No. of journals in the cat.:** 295  
**Impact source:** ISI **Category:** ENDOCRINOLOGY & METABOLISM  
**Impact index in year of publication:** 4.079 **Journal in the top 25%:** Yes  
**Position of publication:** 13 **No. of journals in the cat.:** 85
- 218** Vento, M.; Viña, J.; Asensi, M.A. Erythropoietin and iron therapy for preterm infants. 903059 - Journal of Pediatrics. 134 No. 4, pp. 520. (United States of America): 1999. ISSN 0022-3476  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3  
**Impact source:** ISI **Category:** PEDIATRICS  
**Impact index in year of publication:** 3.22 **Journal in the top 25%:** Yes  
**Position of publication:** 3 **No. of journals in the cat.:** 72
- 219** Esteve, J.M.; Mompó, J.; García de la Asunción, J.; Sastre, J.; Boix, J.; Viña, J.R.; Viña, J.; Pallardó, F.V. Oxidative damage to mitochondrial DNA and glutathione oxidation in apoptosis studies in vivo and in vitro. 900388 - Faseb Journal. 13, (United States of America): 1999. ISSN 0892-6638



**Type of production:** Scientific paper  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 11.88  
**Position of publication:** 13

**Impact source:** ISI  
**Impact index in year of publication:** 11.88  
**Position of publication:** 1

**Impact source:** ISI  
**Impact index in year of publication:** 11.88  
**Position of publication:** 11

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 295

**Category:** BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 53

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 141

- 220** García de la Asunción, J.; del Olmo, M.L.; Sastre, J.; Pallardó, F.V.; Viña, J. Zidovudine (AZT) causes an oxidation of mitochondrial DNA in mouse liver. 901587 - Hepatology. 29, (United States of America): 1999. ISSN 0270-9139

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 7.344  
**Position of publication:** 2

**Format:** Journal

**Category:** GASTROENTEROLOGY & HEPATOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 44

- 221** Asensi, M.; Sastre, J.; Pallardó, F.V.; Lloret, S.; Lehner, M.; García de la Asunción, J.; Viña, J. Ratio of reduced to oxidized glutathione as indicator of oxidative stress status and DNA damage. 901010 - Methods in Enzymology. 299, (United States of America): 1999. ISSN 0076-6879

**Type of production:** Scientific paper  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 4.068  
**Position of publication:** 58

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 295

**Impact source:** ISI  
**Impact index in year of publication:** 4.068  
**Position of publication:** 3

**Category:** BIOCHEMICAL RESEARCH METHODS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 40

- 222** Sastre, J.; Miñana, J.B.; Alguacil, P.; Malet, G.; Gómez-Cambronero, L.; Martín, J.A.; Viña J.R.; Viña, J. Chronic Ethanol Feeding Causes Oxidative Stress in Rat Liver Mitochondria. Prevention by S-Adenosyl Methionine. 908603 - Free Radical Research. 30, (United Kingdom): 1999. ISSN 1071-5762

**Type of production:** Scientific paper  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 2.27  
**Position of publication:** 116

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 295

- 223** Pallardó, F.V.; Asensi, M.; García de la Asunción, J.; Antón, V.; Lloret, A.; Sastre, J.; Viña, J. Late onset administration of oral antioxidants prevents age-related loss of motor co-ordination and brain mitochondrial DNA damage. 908603 - Free Radical Research. 29, (United Kingdom): 1998. ISSN 1071-5762

**Type of production:** Scientific paper  
**Total no. authors:** 7  
**Impact source:** ISI

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY





**Impact index in year of publication:** 2.034  
**Position of publication:** 121

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 295

- 224** García de la Asunción, J.; del Olmo, M.L.; Sastre, J.; Millán, A.; Pellín, A.; Pallardó, F.V.; Viña, J. AZT Treatment Induces Molecular and Ultrastructural Oxidative Damage to Muscle Mitochondria - Prevention by Antioxidant Vitamins. 902314 - Journal of Clinical Investigation. 102, (United States of America): 1998. ISSN 0021-9738

**Type of production:** Scientific paper  
**Total no. authors:** 7

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 9.315  
**Position of publication:** 3

**Category:** MEDICINE, RESEARCH & EXPERIMENTAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 72

- 225** Sastre, J.; Millán, A.; García de la Asunción, J.; Plá, R.; Juan, G.; Pallardó, F.V.; O'Connor, E.; Martín, J.A.; Droy-Lefaix, M.T.; Viña, J. A Gingko biloba extract (EGb 761) prevents mitochondrial aging by protecting against oxidative stress. 904150 - Free Radical Biology and Medicine. 24 (2), (United States of America): 1998. ISSN 0891-5849

**Type of production:** Scientific paper  
**Total no. authors:** 10

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 4.348  
**Position of publication:** 49

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 295

**Impact source:** ISI  
**Impact index in year of publication:** 4.348  
**Position of publication:** 11

**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 83

- 226** Diplock, A.T.; Charleux, J.-L.; Crozier-Willi, G.; Kok, F.J.; Rice-Evans, C.; Roberfroid, M.; Stahl, W.; Viña, J. Functional food science and defence against reactive oxidative species. 902720 - British Journal of Nutrition. 80 suppl. 1, (United Kingdom): Cambridge University Press, 1998. ISSN 0007-1145

**Type of production:** Scientific paper  
**Total no. authors:** 8

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 1.713  
**Position of publication:** 12

**Category:** NUTRITION & DIETETICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 50

- 227** Navarro, J.; Obrador, E.; Pellicer, J.A.; Asensi, M.; Viña, J.; Estrela, J. Blood glutathione as an index of radiation-induced oxidative stress in mice and humans. 904150 - Free Radical Biology and Medicine. 22 (7), (United States of America): 1997. ISSN 0891-5849

**Type of production:** Scientific paper  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.528  
**Position of publication:** 52

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 253

**Impact source:** ISI  
**Impact index in year of publication:** 3.528  
**Position of publication:** 14

**Category:** ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 81



- 228** Sastre, J.; Pallardó, F.V.; Viña, J. Glutathione, oxidative stress and aging. 901771 - Age. 19 (4), (United States of America): Springer-Verlag, 1996. ISSN 0161-9152  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3  
**Impact source:** ISI **Category:** GERIATRICS & GERONTOLOGY  
**Impact index in year of publication:** 2.133 **Journal in the top 25%:** Yes  
**Position of publication:** 3 **No. of journals in the cat.:** 21
- 229** Viña, J.; Servera, E.; Asensi, M.; Sastre, J.; Pallardó, F.V.; Ferrero, J.A.; García de la Asunción, J.; Antón, V.; Marín, J. Exercise causes blood glutathione oxidation in chronic obstructive pulmonary disease. Prevention by oxygen therapy. 903421 - Journal of Applied Physiology. 81 (5), (United States of America): 1996. ISSN 8750-7587  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 2.05 **Journal in the top 25%:** Yes  
**Position of publication:** 16 **No. of journals in the cat.:** 63  
**Impact source:** ISI **Category:** SPORT SCIENCES  
**Impact index in year of publication:** 2.05 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 16
- 230** Sastre, J.; Pallardó, F.V.; Plá, R.; Pellín, A.; Juan, G.; O'Connor, E.; Estrela, J.M.; Miquel, J.; Viña, J. Aging of the liver: Age-associated mitochondrial damage in intact hepatocytes. 901587 - Hepatology. 24, (United States of America): 1996. ISSN 0270-9139  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** GASTROENTEROLOGY & HEPATOLOGY  
**Impact index in year of publication:** 6.04 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 40
- 231** Asensi, M.; García-España, A.; Pallardó, F.V.; Viña, J.; Estrela J.M. Effect of nonprotein thiols on protein synthesis in isolated rat hepatocytes. 902509 - Experientia. 52, (Switzerland): 1996. ISSN 0014-4754  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 1.476 **Journal in the top 25%:** Yes  
**Position of publication:** 8 **No. of journals in the cat.:** 55
- 232** García de la Asunción, J.; Millán, A.; Plá, R.; Bruseghini, L.; Esteras, A.; Pallardó, F.V.; Sastre, J.; Viña, J. Mitochondrial glutathione oxidation correlates with age-associated oxidative damage to mitochondrial DNA. 900388 - Faseb Journal. 10, (United States of America): 1996. ISSN 0892-6638  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 13.771 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 231  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 13.771 **Journal in the top 25%:** Yes

**Position of publication:** 1**No. of journals in the cat.:** 57**Impact source:** ISI**Category:** MULTIDISCIPLINARY SCIENCES**Impact index in year of publication:** 13.771**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 55

- 233** Viña, J.; Sastre, J.; Asensi, M.; Packer, L. Assay of blood glutathione oxidation during physical exercise. 901010 - Methods in Enzymology. 251, Cap. 21, (United States of America): 1995. ISSN 0076-6879

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 4**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 1.586**Journal in the top 25%:** No**Position of publication:** 126**No. of journals in the cat.:** 227**Impact source:** ISI**Category:** BIOMETHODS**Impact index in year of publication:** 1.586**Journal in the top 25%:** No**Position of publication:** 10**No. of journals in the cat.:** 20

- 234** Sweiry, J.; Sastre, J.; Viña, J.; Elssaser, H.P.; Mann, G.E. A role for gamma glutamyl transpeptidase and system xc in cystine transport by a human pancreatic duct cell line. 903429 - Journal of Physiology-London. 485, (United Kingdom): 1995. ISSN 0022-3751

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 5**Impact source:** ISI**Category:** PHYSIOLOGY**Impact index in year of publication:** 4.327**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 57

- 235** Viña, J.; Vento, M.; García-Sala, F.; Puertes, I.R.; Gascó, E.; Sastre, J.; Asensi, M.; Pallardó, F.V. L-cysteine and glutathione metabolism in premature infants due to cystathionase deficiency. 902716 - American Journal of Clinical Nutrition. 61, (United States of America): American Society for Nutrition, 1995. ISSN 0002-9165

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Category:** NUTRITION & DIETETICS**Impact index in year of publication:** 3.327**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 47

- 236** Sastre, J.; Asensi, M.; Rodrigo, F.; Pallardó F.V.; Vento, M.; Viña, J. Antioxidant administration to the mother prevents oxidative stress associated with birth in the neonatal rat. 906184 - Life Sciences. 54, (United Kingdom): 1994. ISSN 0024-3205

**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 6**Impact source:** ISI**Category:** BIOLOGY**Impact index in year of publication:** 2.5**Journal in the top 25%:** Yes**Position of publication:** 12**No. of journals in the cat.:** 57**Impact source:** ISI**Category:** MEDICINE, RESEARCH & EXPERIMENTAL**Impact index in year of publication:** 2.5**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 46**Impact source:** ISI**Category:** PHARMACOLOGY & PHARMACY**Impact index in year of publication:** 2.5**Journal in the top 25%:** Yes

**Position of publication:** 21**No. of journals in the cat.:** 146

- 237** Asensi, M.; Sastre, J.; Pallardó, F.V.; García de la Asunción, J.; Estrela, J.M.; Viña, J.A high-performance liquid chromatography method for measurement of oxidized glutathione in biological samples. 900222 - Analytical Biochemistry. 217, (United States of America): 1994. ISSN 0003-2697  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.313 **Journal in the top 25%:** No  
**Position of publication:** 72 **No. of journals in the cat.:** 193
- 238** Asensi, M.; Sastre, J.; Pallardó, F.V.; Estrela, J.; Viña, J.Determination of Oxidized Glutathione in Blood: High performance liquid chromatography. :. 901010 - Methods in Enzymology. 234, (United States of America): 1994. ISSN 0076-6879  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 1.545 **Journal in the top 25%:** No  
**Position of publication:** 107 **No. of journals in the cat.:** 193  
**Impact source:** ISI **Category:** BIOMETHODS  
**Impact index in year of publication:** 1.545 **Journal in the top 25%:** No  
**Position of publication:** 8 **No. of journals in the cat.:** 11
- 239** Viña, J.; Sastre, J.; Pallardó, F.V.; Plá, R.; Estrela, J.M.; Miquel, J.The mitochondrial theory of aging: recent developments. 900260 - Bulletin of Molecular Biology and Medicine. 18, (Italy): 1993. ISSN 0391-481X  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 240** Terrádez, P.; Asensi, M.; Lasso de la Vega, M.C.; Puertes, I.R.; Viña, J.; Estrela, J.M.Depletion of tumour glutathione in vivo by buthionine sulfoximine: modulation by the rate of cell proliferation and inhibition of cancer growth. 900233 - Biochemical Journal. 292, (United Kingdom): 1993. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 3.659 **Journal in the top 25%:** Yes  
**Position of publication:** 39 **No. of journals in the cat.:** 173
- 241** Estrela, J.M.; Hernández, R.; Terrádez, P.; Asensi, M.; Puertes, I.R.; Viña, J.Regulation of glutathione metabolism in Ehrlich ascites tumor cells. :. 900233 - Biochemical Journal. 286, (United Kingdom): 1992. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 3.716 **Journal in the top 25%:** Yes  
**Position of publication:** 29 **No. of journals in the cat.:** 157
- 242** Sastre, J.; Asensi, M.; Gascó, E.; Ferrero, J.A.; Furukawa, T.; Viña, J.Exhaustive physical exercise causes oxidation of glutathione status in blood. Prevention by antioxidant administration. 903401 - American Journal of Physiology. 263, (United States of America): 1992. ISSN 0002-9513



**Type of production:** Scientific paper  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 3.269  
**Position of publication:** 7

**Format:** Journal  
**Category:** PHYSIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 55

- 243** Viña, J.; Giménez, A.; Puertes, I.R.; Gascó, E.; Viña, J.R. Impairment of cysteine synthesis from methionine in rats exposed to surgical stress. 902720 - British Journal of Nutrition. 68, (United Kingdom): Cambridge University Press, 1992. ISSN 0007-1145

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 1.54  
**Position of publication:** 6

**Format:** Journal  
**Category:** NUTRITION & DIETETICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 41

- 244** Sastre, J.; Rodríguez, J.V.; Pallardó, F.V.; Gascó, E.; Asensi, M.; Ferrer, J.V.; Miquel, J.; Viña, J. Effect of aging on metabolic zonation in rat liver: acinar distribution of GSH metabolism. 901782 - Mechanisms of Ageing and Development. 62, (Switzerland): 1992. ISSN 0047-6374

**Type of production:** Scientific paper  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 1.571  
**Position of publication:** 3

**Format:** Journal  
**Category:** GERIATRICS & GERONTOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 14

- 245** Asensi, M.; López-Rodas, A.; Sastre, J.; Viña, J.; Estrela, J.M. Inhibition of gluconeogenesis by extracellular ATP in isolated rat hepatocytes. 903401 - American Journal of Physiology. 261, (United States of America): 1991. ISSN 0002-9513

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 3.259  
**Position of publication:** 7

**Format:** Journal  
**Category:** PHYSIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 53

- 246** Sastre, J.; Sweiry, J.H.; Doolabh, K.; Viña, J.; Mann, G.E. Significance of gamma glutamyltranspeptidase in exocrine pancreatic amino acid transport. 900243 - Biochimica et Biophysica Acta. 1065, (Holland): Elsevier, 1991. ISSN 0006-3002

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 2.46  
**Position of publication:** 45

**Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 151

**Impact source:** ISI  
**Impact index in year of publication:** 2.46  
**Position of publication:** 9

**Category:** BIOPHYSICS  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 33

- 247** Pallardó, F.V.; Sastre, J.; Asensi, M.; Rodrigo, F.J.; Estrela, J.M.; Viña, J. Physiological changes in glutathione metabolism in foetal and newborn rat liver. 900233 - Biochemical Journal. 274, (United Kingdom): 1991. ISSN 0264-6021





**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 3.749  
**Position of publication:** 28

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 151

- 248** Ferrer, J. V.; Sastre, J.; Pallardó, F.V.; Asensi, M.; Antón, V.; Estrela, J.M.; Viña, J.; Miquel, J. Senile cataract: a review on free radical related pathogenesis and antioxidant prevention. 901773 - Archives of Gerontology and Geriatrics. 13, (Holland): 1991. ISSN 0167-4943

**Type of production:** Scientific paper  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 0.59  
**Position of publication:** 8

**Format:** Journal

**Category:** GERIATRICS & GERONTOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 14

- 249** Viña, J.R.; Blay, P.; Ramírez, A.; Castells, A.; Viña, J. Inhibition of gamma-glutamyl transpeptidase decreases amino acid uptake in human keratinocytes in culture. 900284 - Febs Letters. 269, (Holland): 1990. ISSN 0014-5793

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 3.42  
**Position of publication:** 29

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 156

**Impact source:** ISI  
**Impact index in year of publication:** 3.42  
**Position of publication:** 6

**Category:** BIOPHYSICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 34

- 250** Ferrer, J.V.; Gascó, E.; Sastre, J.; Pallardó, F.V.; Asensi, M.; Viña, J. Age-related changes in glutathione synthesis in the eye lens. 900233 - Biochemical Journal. 269, (United Kingdom): 1990. ISSN 0264-6021

**Type of production:** Scientific paper  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 3.57  
**Position of publication:** 27

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 156

- 251** Viña, J.; Garrote, M.J.; Pallardó, F.V.; Sastre, J.; Asensi, M. Oxidación del pool del azufre en relación al envejecimiento, .: 000221 - Geriatrika. 6 (4), (Spain): 1990. ISSN 0212-9744

**Type of production:** Scientific paper  
**Total no. authors:** 5

**Format:** Journal

- 252** Viña, J.R.; Palacín, M.; Puertes, I.R.; Hernández, R.; Viña, J. Role of the gamma glutamyl cycle in the regulation of amino acid translocation. 903401 - American Journal of Physiology. 257, (United States of America): 1989. ISSN 0002-9513

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 3.075  
**Position of publication:** 9

**Format:** Journal

**Category:** PHYSIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 51

- 253** Viña, J.; Pérez, C.; Furukawa, T.; Palacín, M.; Viña, J.R. Effect of oral glutathione on hepatic glutathione levels in rats and mice. 902720 - British Journal of Nutrition. 62, (United Kingdom): Cambridge University Press, 1989. ISSN 0007-1145  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** NUTRITION & DIETETICS  
**Impact index in year of publication:** 1.403 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 37
- 254** Sastre, J.; Pallardó, F.V.; Llopis, J.; Furukawa, T.; Viña, J.R.; Viña, J. Glutathione depletion by hyperphagia-induced obesity. 906184 - Life Sciences. 45, (United Kingdom): 1989. ISSN 0024-3205  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 2.133 **Journal in the top 25%:** Yes  
**Position of publication:** 7 **No. of journals in the cat.:** 50
- 255** Sastre, J.; Pallardó, F.V.; Ferrer, J.V.; Estrela, J.M.; Viña, J. Mecanismos de envejecimiento celular: Papel de las moléculas portadoras de grupos tioles. 000290 - Medicina Geriátrica. 2, (Spain): 1989.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 256** Estrela, J.M.; Gil, F.; Vila, J.; Viña, J. Alpha adrenergic modulation of glutathione metabolism in isolated rat hepatocytes. 903401 - American Journal of Physiology. 255, (United States of America): 1988. ISSN 0002-9513  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 3.134 **Journal in the top 25%:** Yes  
**Position of publication:** 10 **No. of journals in the cat.:** 51
- 257** Viña, J.R.; Viña, J. A new role of the gamma glutamyl cycle: studies in the lactating mammary gland Federation Proceedings (707). 906859 - Federation Proceedings. (United States of America): 1987.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 2
- 258** Alvarez de Laviada, T.; Romero, F.J.; Sáez, G.T.; Antón, V.; Romá, J.; Viña, J. A simple microassay for the determination of hydrazine in biological samples. Effect of hydrazine and isoniazid on liver and brain glutathione. 903796 - Journal of Analytical Toxicology. 11, (United States of America): Oxford University Press, 1987. ISSN 0146-4760  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** TOXICOLOGY  
**Impact index in year of publication:** 1.573 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 34
- 259** Estrela, J.M.; Montoro, J.B.; Viña, J.R.; Viña, J. Glutathione metabolism under the influence of hydroperoxides in the lactating mammary gland of the rat. Effect of glucose and extracellular ATP. 900255 - Bioscience Reports. 7, (United States of America): 1987. ISSN 0144-8463



**Type of production:** Scientific paper  
**Total no. authors:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 1.214  
**Position of publication:** 79

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 138

- 260** Viña, J.; Catalán, V.; Blay, P.; Sáez, G.T.; Pérez, C.; Rodríguez, A. Metabolic effects of glutathione depletion. 900236 - Biochemical Society Transactions. 15, (United Kingdom): 1987. ISSN 0300-5127

**Type of production:** Scientific paper  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 3.094  
**Position of publication:** 37

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 138

- 261** Estrela, J.M.; Pallardó, F.V.; Sáez, G.T.; Viña, J. Glutathione biosynthesis under the influence of phenylephrine in isolated rat hepatocytes. 900236 - Biochemical Society Transactions. 15, pp. 221. (United Kingdom): 1987. ISSN 0300-5127

**Type of production:** Scientific paper  
**Total no. authors:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 3.094  
**Position of publication:** 37

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 138

- 262** Sáez, G.T.; Iradi, A.; Galbis, J.L.; Estrela, J.M.; Viña, J.R.; Viña, J. Effect of glutathione depletion by treatment with substrates of the glutathione S-transferases on gluconeogenesis and phosphoenolpyruvate recycling in rat hepatocytes 4. 900236 - Biochemical Society Transactions. 15, (United Kingdom): 1987. ISSN 0300-5127

**Type of production:** Scientific paper  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 3.094  
**Position of publication:** 37

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 138

- 263** Viña, J.R.; Puertes, I.R.; Rodríguez, A.; Sáez, G.T.; Viña, J. Effect of fasting on amino acid metabolism by lactating mammary gland: Studies in women and rats. 902729 - Journal of Nutrition. 117, (United States of America): 1987. ISSN 0022-3166

**Type of production:** Scientific paper  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 1.776  
**Position of publication:** 3

**Format:** Journal

**Category:** NUTRITION & DIETETICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 23

- 264** Romero, F.J.; Montoro, A.; Sáez, G.T.; Alberola, A.; Gil, F.; Viña, J.; Such, L. Myocardial Glutathione Alterations in Acute Coronary Occlusion in the Dog. 900286 - Free Radical Research Communications. 4, number 1, (United States of America): 1987. ISSN 8755-0199

**Type of production:** Scientific paper  
**Total no. authors:** 7

**Format:** Journal



- 265** Viña, J.R.; Purtes, I.R.; Palacín, M.; Rodríguez, A.; Viña, J. Role of Oxoproline in Amino Acid Transfer in Placenta and Lactating Mammary Gland. 900236 - Biochemical Society Transactions. (United Kingdom): 1986. ISSN 0300-5127  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 1.547 **Journal in the top 25%:** No  
**Position of publication:** 72 **No. of journals in the cat.:** 134
- 266** Such, L.; Morcillo, E.; Chorro, F.J.; Montoro, A.; Alberola, A.; Aparicio, F.; Viña, J. Beneficial effects of N-acetyl cysteine on acute myocardial infarction in open-chest dogs. 000855 - Arch Farmacol Toxicol. 12, (Spain): 1986.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 7
- 267** Viña, J.; Sáez, G.T.; Rodríguez, A.; Pérez, C.; Viña, J.R. Prevention of paracetamol hepatotoxicity in rats and mice; effect of small amounts of methionine. 000259 - Journal of Clinical Nutrition and Gastroenterology. 1, 1986. ISSN 0214-2880  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 268** Viña, J.; Viña, J.R.; Sáez, G.T. Glutathione: Metabolism and Physiological Functions. 000273 - Life Chemistry Reports. 4, (Malaysia): 1986.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3
- 269** Viña, J.; Hernández, R.; Puertes, I.R.; Palacín, M. Inhibition of placental  $\gamma$ -glutamyl transferase results in a decreased placental transfer of alanine. 900236 - Biochemical Society Transactions. 14, (United Kingdom): 1986. ISSN 0300-5127  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 1.547 **Journal in the top 25%:** No  
**Position of publication:** 72 **No. of journals in the cat.:** 134
- 270** Viña, J.R.; Puertes, I.R.; Montoro, J.B.; Sáez, G.T.; Viña, J. Are the gamma-glutamyl-amino acids signals for the amino acid uptake by lactating mammary gland?. 900236 - Biochemical Society Transactions. 14, (United Kingdom): 1986. ISSN 0300-5127  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 1.547 **Journal in the top 25%:** No  
**Position of publication:** 72 **No. of journals in the cat.:** 134
- 271** Barber, T.; Viña, J.R.; Viña, J.; Cabo, J.R. Decreased urea synthesis in cafeteria-diet-induced obesity in the rat. 900233 - Biochemical Journal. 230, (United Kingdom): 1985. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 3.743 **Journal in the top 25%:** Yes  
**Position of publication:** 23 **No. of journals in the cat.:** 131



- 272** Viña, J.R.; Puertes, I.R.; Montoro, J.B.; Sáez, G.T.; Viña, J. The gamma-glutamyl-amino acids as signals for the hormonal regulation of amino acid uptake by the mammary gland of the lactating rat. 903047 - Biology of the Neonate. 48, (Switzerland): 1985. ISSN 0006-3126  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** PEDIATRICS  
**Impact index in year of publication:** 0.781 **Journal in the top 25%:** No  
**Position of publication:** 18 **No. of journals in the cat.:** 31
- 273** Viña, J.R.; Rodríguez, A.; Montoro, J.B.; Iradi, A.; Puertes, I.R.; Viña, J. Blood flow and net amino acid uptake by the lactating mammary gland: effect of starvation. 900236 - Biochemical Society Transactions. 13, (United Kingdom): 1985. ISSN 0300-5127  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 1.617 **Journal in the top 25%:** No  
**Position of publication:** 63 **No. of journals in the cat.:** 131
- 274** Sáez, G.T.; Romero, F.J.; Viña, J. Effects of glutathione depletion on gluconeogenesis in isolated hepatocytes. 900228 - Archives of Biochemistry and Biophysics. 241, (United States of America): 1985. ISSN 0003-9861  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.504 **Journal in the top 25%:** No  
**Position of publication:** 46 **No. of journals in the cat.:** 131
- 275** Sáez, G.T.; Blay, P.; Viña, J.R.; Viña, J. Glucose formation from methylglyoxal in rat hepatocytes. 900236 - Biochemical Society Transactions. 13, (United Kingdom): 1985. ISSN 0300-5127  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 1.617 **Journal in the top 25%:** No  
**Position of publication:** 63 **No. of journals in the cat.:** 131
- 276** Sáez, G.T.; Viña, J.; Pallardó, F.V.; Romero, F.J. Decreased hepatic gluconeogenesis by treatment with substrates of the GSH S-transferases. 900234 - Biochemical Pharmacology. 34, pp. 453 - 454. (United States of America): 1985. ISSN 0006-2952  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.319 **Journal in the top 25%:** No  
**Position of publication:** 49 **No. of journals in the cat.:** 131
- Impact source:** ISI **Category:** PHARMACOLOGY & PHARMACY





**Impact index in year of publication:** 2.319  
**Position of publication:** 20

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 121

- 277** Viña, J.R.; Puertes, I.R.; Montoro, J.B.; Viña, J. Effect of starvation and refeeding on amino acid uptake by mammary gland of the lactating rat. Role of ketone bodies. 900233 - Biochemical Journal. 216, (United Kingdom): 1983. ISSN 0264-6021

**Type of production:** Scientific paper  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.248  
**Position of publication:** 27

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 125

- 278** Viña, J.; Puertes, I.R.; Montoro, J.B.; Viña, J.R. Effect of specific inhibition of gamma-glutamyl transpeptidase on amino acid uptake by mammary gland of the lactating rat. 900284 - Febs Letters. 159, (Holland): 1983. ISSN 0014-5793

**Type of production:** Scientific paper  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.879  
**Position of publication:** 32

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 125

**Impact source:** ISI  
**Impact index in year of publication:** 2.879  
**Position of publication:** 8

**Category:** BIOPHYSICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 32

- 279** Estrela, J.M.; Sáez, G.T.; Such, L.; Viña, J. The effect of cysteine and N-acetyl cysteine on rat liver glutathione (GSH). 900234 - Biochemical Pharmacology. 32, (United States of America): 1983. ISSN 0006-2952

**Type of production:** Scientific paper  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.517  
**Position of publication:** 41

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 125

**Impact source:** ISI  
**Impact index in year of publication:** 2.517  
**Position of publication:** 19

**Category:** PHARMACOLOGY & PHARMACY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 126

- 280** Viña, J.; Sáez, G.T.; Wiggins, D.; Roberts, A.F.C.; Hems, R.; Krebs, H.A. The effect of cysteine oxidation on isolated hepatocytes. 900233 - Biochemical Journal. 212, (United Kingdom): 1983. ISSN 0264-6021

**Type of production:** Scientific paper  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.248  
**Position of publication:** 27

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 125

- 281** Romero, F.J.; Viña, J. A simple procedure for the preparation of isolated liver cells. 909788 - Biochemical Education. 11, (United Kingdom): 1983. ISSN 0307-4412

**Type of production:** Scientific paper  
**Total no. authors:** 2

**Format:** Journal



- 282** Viña, J.; Romero, F.J.; Sáez, G.T.; Pallardó, F.V. Effect of cysteine and N-acetyl cysteine on GSH content of brain of adult rats. 902509 - *Experientia*. 39, pp. 165. (Switzerland): 1983. ISSN 0014-4754  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 0.818 **Journal in the top 25%:** No  
**Position of publication:** 15 **No. of journals in the cat.:** 56
- 283** Viña, J.R.; Giménez, A.; Montoro, J.B.; Bolinches, R.; Viña, J. Role des oestrogens sur la captation des acides aminés par la glande mammaire du rat. 903420 - *Journal of Physiology-Paris*. 78, (France): 1982. ISSN 0928-4257  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 1.205 **Journal in the top 25%:** No  
**Position of publication:** 22 **No. of journals in the cat.:** 40
- 284** Viña, J.; Boix, J.J.; Izquierdo, M.; Iradi, A. Role of  $\gamma$ -glutamyl transferase and glutathione in amino acid uptake by isolated hepatocytes in culture. 900236 - *Biochemical Society Transactions*. 10, (United Kingdom): 1981. ISSN 0300-5127  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4
- 285** Viña, J.; Puertes, I.R.; Viña, J.R. Effect of premature weaning on amino acid uptake by the mammary gland of the lactating rats. 900233 - *Biochemical Journal*. 200, (United Kingdom): 1981. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 3.202 **Journal in the top 25%:** Yes  
**Position of publication:** 24 **No. of journals in the cat.:** 112
- 286** Viña, J.; Montoro, J.B.; Puertes, I.R.; Viña, J.R. Control of amino acid uptake by the lactating mammary gland of the rat. 900236 - *Biochemical Society Transactions*. 9, pp. 392. (United Kingdom): 1981. ISSN 0300-5127  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4
- 287** Viña, J.; Puertes, I.R.; Sáez, G.T.; Viña, J.R. Role of prolactin in amino acid uptake by the lactating mammary gland of the rat. 900284 - *Febs Letters*. 126, (Holland): 1981. ISSN 0014-5793  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.971 **Journal in the top 25%:** Yes  
**Position of publication:** 26 **No. of journals in the cat.:** 112  
**Impact source:** ISI **Category:** BIOPHYSICS  
**Impact index in year of publication:** 2.971 **Journal in the top 25%:** Yes  
**Position of publication:** 7 **No. of journals in the cat.:** 31



- 288** Viña, J.; Puertes, I.R.; Estrela, J.M.; Viña, J.R.; Galbis, J.L. Involvement of  $\gamma$ -glutamyltransferase in amino-acid uptake by the lactating mammary gland of the rat. 900233 - Biochemical Journal. 194, (United Kingdom): 1981. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 3.202 **Journal in the top 25%:** Yes  
**Position of publication:** 24 **No. of journals in the cat.:** 112
- 289** Viña, J.; Romero, F.J.; Estrela, J.M. Ethanol decreases glutathione (GSH) content in isolated hepatocytes. Naunyn-Schmiedeberg's. 000059 - Archives of Pharmacology. 313, (Austria): 1980.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3
- 290** Viña, J.; Romero, F.J.; Estrela, J.M.; Viña, J.R. Effect of acetaminophen (paracetamol) and its antagonists on glutathione (GSH) content in rat liver. 900234 - Biochemical Pharmacology. 29, (United States of America): 1980. ISSN 0006-2952  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.451 **Journal in the top 25%:** No  
**Position of publication:** 32 **No. of journals in the cat.:** 96  
**Impact source:** ISI **Category:** PHARMACOLOGY & PHARMACY  
**Impact index in year of publication:** 2.451 **Journal in the top 25%:** Yes  
**Position of publication:** 17 **No. of journals in the cat.:** 98
- 291** Viña, J.; Estrela, J.M.; Guerri, C.; Romero, F.J. Effect of ethanol on glutathione concentration in isolated hepatocytes. 900233 - Biochemical Journal. 188, (United Kingdom): 1980. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 3.199 **Journal in the top 25%:** Yes  
**Position of publication:** 24 **No. of journals in the cat.:** 96
- 292** Frasquet, M.I.; Giménez, A.; Peralba, J.L.; Viña, J.; Anton, V. Pancreatectomie totale chez le rat. Technique modifiée. 903420 - Journal of Physiology-Paris. 75, (France): 1979. ISSN 0928-4257  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 293** Frasquet, M.I.; Giménez, A.; Peralba, J.L.; Viña, J.; Anton, V. Diabetes alloxanique chez la rate pancréoprive. 903420 - Journal of Physiology-Paris. 75, (France): 1979. ISSN 0928-4257  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 294** Viña Ribes, J.; Viña Giner, J. Regulation de la concentration de glutathion du système nerveux central chez le rat. 903420 - Journal of Physiology-Paris. 75, (France): 1979. ISSN 0928-4257  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 2



- 295** Viña, J.; Hems, R.; Krebs, H.A. Reaction of formiminoglutamate with liver glutamate dehydrogenase. 900233 - Biochemical Journal. 170, (United Kingdom): 1978. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3
- 296** Viña, J.; Hems, R.; Krebs, H.A. Maintenance of glutathione content in isolated hepatocytes. 900233 - Biochemical Journal. 170, (United Kingdom): 1978. ISSN 0264-6021  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 3
- 297** Frasquet, M.I.; Tineo, P.; Viña Ribes, J.; Anton V. Estudio experimental de un nuevo agente antialoxánico. 903442 - Revista Española de Fisiología. 33, (Spain): 1977. ISSN 0034-9402  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 4
- 298** Cabo, J.; Pallardó, F.; Viña Ribes, J.; Sopena, M.; Viña Giner, J. Actividad succinato-citocromo c reductásica de los homogenados de miocardio sano, isquémico y necrosado. 000289 - Medicina Española. 72, (Spain): 1974.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 299** Cabo, J.; Pallardó, F.; Viña Ribes, J.; Sopena, M.; Viña Giner, J. Actividad ATPásica de los homogenados de miocardio sano, isquémico y necrosado. 000289 - Medicina Española. 71, (Spain): 1974.  
**Type of production:** Scientific paper **Format:** Journal  
**Total no. authors:** 5
- 300** Viña J; Gómez-Cabrera MC; Borrás C; Olaso-González G. ¿Qué es mejor para promocionar las defensas antioxidantes, regular los propios genes antioxidantes o suplementar la dieta?. Inmunonutrición En la salud y la enfermedad - Editorial Médica Panamericana. pp. 293 - 299. (Spain): 2011.  
**Type of production:** Book chapter **Format:** Book
- 301** Pallardó, F.V.; Markovic, J.; Viña, J. Cellular Compartmentalization of Glutathione. Glutathione and Sulfur Amino Acids in Human Health and Disease. pp. 35 - 45. (United States of America): John Wiley & Sons, 2009.  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 3
- 302** Sastre J; Asensi M; Pallardó FV; Viña J. Determinación de glutatión reducido y oxidado. Biogerontología Médica. pp. 365 - 369. Madrid(Spain): Ediciones Ergon SA, 2009. ISBN 978-84-8473-765-0  
**Legal deposit:** M-22035-2009  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 4
- 303** Sastre J; Pallardó FV; Gambini J; Borrás C; Viña J. Estrés oxidativo mitocondrial y envejecimiento. Biogerontología Médica. pp. 13 - 24. Madrid(Spain): Ediciones Ergon SA, 2009. ISBN 978-84-8473-765-0  
**Legal deposit:** M-22035-2009  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 5
- 304** Lloret A; Sastre J; García de la Asunción; Pallardó FV; Viña J. Determinación de la base oxidada 8-hidroxi-2-deoxiguanosina en el ADN mitocondrial. Biogerontología Médica. pp. 371 - 373. Madrid(Spain): Ediciones Ergon SA, 2009. ISBN 978-84-8473-765-0  
**Legal deposit:** M-22035-2009  
**Type of production:** Book chapter **Format:** Book



**Total no. authors: 5**

- 305** Miñana JB; Sastre J; Pallardó FV; Viña J. Determinación de lipoperóxidos en plasma cuantificados como TBA-MDA2 por HPLC. *Biogerontología Médica*. pp. 381 - 382. Madrid(Spain): Ediciones Ergon SA, 2009. ISBN 978-84-8473-765-0  
**Legal deposit:** M-22035-2009  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 4
- 306** Sastre, J.; Pallardó, F.V.; Viña, J. Glutathione. *The Handbook of Environmental Chemistry*. 2, pp. 91 - 108. (Germany): Springer-Verlag, 2005.  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 3
- 307** Viña, J.; Lloret, A.; Ortí, R.; Alonso M.D. Oxidative stress in Alzheimer's Disease. Effectiveness of treatment with antioxidants. *Frontiers in Neurodegenerative Disorders and Aging: Fundamental Aspects, Clinical Perspectives and New Insights*. 2, pp. 182 - 188. Antalya(Turkey): los Press, 2004. ISBN 1 58603 428 6  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 4
- 308** Pallardó, F.V.; Sastre, J.; Miquel, J.; Viña, J. Causes and Consequences of Damage to Mitochondria , Vol.: *Aging Methods and Protocols* pages - (Edited by: Barnett, Y.A. and Barnett, C.R.) Humana Press Inc.,. *Methods in Molecular Medicine*. 38, pp. 237 - 244. Totowa, New Jersey(United States of America): 2000.  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 4
- 309** Viña, J.; Servera, E.; Asensi, M.; Sastre, J.; Pallardó, F.V.; Gimeno, A.; Heunks, L.; Dekhuijzen, P.N.R.; Ferrero, J.A. Exercise induces oxidative stress in healthy subjects and in chronic obstructive pulmonary disease patients In: *Handbook of Oxidants and Antioxidants in Exercise* (Edited by: C.K. Sen, L. Packer and O. Hänninen) chapter 39. *Methods in Molecular Medicine. Part XI*, pp. 1146. Totowa, New Jersey(United States of America): Elsevier, 2000.  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 9
- 310** Kireev R.; Ariznavarreta C.; Tresguerres A.F.; Forman K.; Borrás C.; Viña J.; de la Fuente M.; Tresguerres J.A.F. Papel de las hormonas en la prevención del envejecimiento. pp. 82. (Spain): 2008.  
**Type of production:** Scientific book or monograph
- 311** Gambini, J.; Borrás, C.; Kireev, R.; Tresguerres, J.A.F.; Viña, J. Estrés oxidativo y envejecimiento. (Spain): 2008.  
**Type of production:** Scientific book or monograph
- 312** Sastre, J.; Miñana, J.B.; Pallardó, F.V.; Viña, J. The relationship between alcohol-induced apoptosis and oxidative stress in the liver Vol. 2 785 - 797. 2, pp. 785 - 797. (Holland): Elsevier, 2005.  
**Type of production:** Scientific book or monograph  
**Total no. authors:** 4
- 313** Viña J; Tarazona-Santabalbina FJ; Pérez-Ros P; Martínez-Arnau FM; Borrás C; Olaso-Gonzalez G; Salvador-Pascual A; Gomez-Cabrera MC. Biology of frailty: Modulation of ageing genes and its importance to prevent age-associated loss of function. 902321 - *Molecular Aspects of Medicine*. (United Kingdom): 2016. ISSN 0098-2997  
**Type of production:** News articles **Format:** Journal  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY



**Impact index in year of publication:** 5,686

**Position of publication:** 41

**Impact source:** ISI

**Impact index in year of publication:** 5,686

**Position of publication:** 12

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 290

**Category:** MEDICINE, RESEARCH & EXPERIMENTAL

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 128

**314** García-Giménez JL; Olaso G; Hake S; Bönisch C; Wiedemann S; Markovic J; Dasi F; Gimeno A; Perez-Quilis C; Capdevila M; Palacios O; Vina J; Pallardo F. Histone H3 glutathionylation in proliferating mammalian cells destabilizes nucleosomal structure. 912657 - Antioxidants & Redox Signaling. (United States of America): 2013. ISSN 1523-0864

**Type of production:** News articles

**Impact source:** ISI

**Impact index in year of publication:** 7.667

**Position of publication:** 27

**Impact source:** ISI

**Impact index in year of publication:** 7.667

**Position of publication:** 9

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 291

**Category:** ENDOCRINOLOGY & METABOLISM

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 123

**315** Gomez-Cabrera MC; Ristow M; Viña J. Antioxidant supplements in exercise: worse than useless? (letter to the Editor). 910295 - American Journal of Physiology-Endocrinology and Metabolism. 302, (United States of America): 2012. ISSN 0193-1849

**DOI:** <https://doi.org/10.1152/ajpendo.00567.2011>

**Type of production:** Other publications in journals

**Impact source:** ISI

**Impact index in year of publication:** 4.514

**Position of publication:** 28

**Impact source:** ISI

**Impact index in year of publication:** 4.514

**Position of publication:** 9

**Format:** Journal

**Category:** ENDOCRINOLOGY & METABOLISM

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 122

**Category:** PHYSIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 80

**316** Viña J. Letter. 900388 - Faseb Journal. March, pp. 261. (United States of America): 1998. ISSN 0892-6638

**Type of production:** Other publications in journals

**Total no. authors:** 1

**Impact source:** ISI

**Impact index in year of publication:** 13.861

**Position of publication:** 7

**Impact source:** ISI

**Impact index in year of publication:** 13.861

**Position of publication:** 1

**Impact source:** ISI

**Impact index in year of publication:** 13.861

**Position of publication:** 5

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 295

**Category:** BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 66

**Category:** CELL BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 139

**317** J. Viña. Glutathione: Metabolism and Physiological Functions. CRC Press, Boston (ISBN: 0-8493-3274-5). pp. 1 - 378. Boca Raton (United States of America): CRC Press / Chapman and Hall, 1990. ISBN 0-8493-3274-5

**Type of production:** \*\*Editor

**Format:** Book



Total no. authors: 1

## Works submitted to national or international conferences

- 1** **Title of the work:** Biología del deterioro funcional: Una perspectiva integral  
**Name of the conference:** Envejecimiento: Una perspectiva desde la autonomía funcional  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2017  
**End date:** 2017  
Viña J.
- 2** **Title of the work:** Transcriptomics of centenarians  
**Name of the conference:** 6th International symposium of the Human nutrition & metabolism research and training center, University of Graz  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Austria  
**Date of event:** 2017  
**End date:** 2017  
Viña J.
- 3** **Name of the conference:** III Ciclo de Seminarios en Biomedicina  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2016  
**End date:** 2016  
Viña J.
- 4** **Title of the work:** Regulation of DNA expression in centenarians and a new spin in Alzheimer's disease therapeutics  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** United States of America  
**Date of event:** 2015  
**End date:** 2015  
Viña J.
- 5** **Title of the work:** Alzheimer's disease: from oxidative stress to ApoE directed therapeutics  
**Name of the conference:** Oxygen Club of California World Congress 2015  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** United States of America  
**Date of event:** 2015  
**End date:** 2015  
Viña J; Borrás C; Bonet-Costa V; Herranz-Pérez V; Blanco-Gandía MC; Mas-Bargues C; Inglés M; García-Tarrajá P; Rodríguez-Arias M; Miñarro J; García-Verdugo JM.



- 6** **Title of the work:** Genoma y epigenoma en la longevidad (Simposio área biológica II.)  
**Name of the conference:** 57 Congreso de la Sociedad Española de Geriatria y Gerontología y el XIV Congreso de la Asociación Vasca de Geriatria y Gerontología Zahartzaroa  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2015  
**End date:** 2015  
Viña J.
- 7** **Title of the work:** Curso de biología para clínicos y otros profesionales de la geriatría  
**Name of the conference:** 57 Congreso de la Sociedad Española de Geriatria y Gerontología y el XIV Congreso de la Asociación Vasca de Geriatria y Gerontología Zahartzaroa  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2015  
**End date:** 2015  
Viña J.
- 8** **Title of the work:** Role of defective redox signalling in ageing (Euro-Forum)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Germany  
**Date of event:** 2015  
**End date:** 2015  
Viña J.
- 9** **Title of the work:** Nutritional intervention in Alzheimer's disease: Role of vitamin E and phytoestrogens  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Germany  
**Date of event:** 2015  
**End date:** 2015  
Viña J.
- 10** **Title of the work:** Antioxidantes: La Oxidación y su reducción  
**Name of the conference:** XIV Congreso de la Sociedad Española de Medicina Antienviejecimiento y Longevidad, SEMAL  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2015  
**End date:** 2015  
Viña, J.
- 11** **Title of the work:** Centenarians overexpress Yamanaka factors  
**Name of the conference:** Gordon Research Conference on Oxidative stress and disease  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** United States of America



**Date of event:** 2015

**End date:** 2015

Viña, J.

**12 Title of the work:** Nutritional approach to ApoE direct therapeutics in Alzheimer's disease.

**Name of the conference:** 12th European Nutrition Conference FENS 2015

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Germany

**Date of event:** 2015

**End date:** 2015

Viña, J.

**13 Title of the work:** Bases moleculares de la fragilidad y sarcopenia. Biomarcadores

**Name of the conference:** 6ª Reunión Nacional de la Sociedad Española de Medicina Geriátrica (SEMEG)

**Type of event:** Conference

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Spain

**Date of event:** 2014

**End date:** 2014

Viña J.

**14 Title of the work:** Tratamiento con estrógenos

**Name of the conference:** Nuevas indicaciones de fármacos clásicos - Real Academia Nacional de Medicina

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Spain

**Date of event:** 2014

**End date:** 2014

Viña J.

**15 Name of the conference:** 9th European Congress of Biogerontology

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Spain

**Date of event:** 2014

**End date:** 2014

Viña J.

**16 Title of the work:** Ejercicio físico para una longevidad saludable

**Type of event:** Conference

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Spain

**Date of event:** 2014

**End date:** 2014

Viña J.

**17 Name of the conference:** 56º Congreso de la Sociedad Española de Geriatria y Gerontología y 20 Congres de la Societat Catalana de Geriatria i Gerontologia

**Type of event:** Conference



**Type of participation:** Participatory - oral communication

**City of event:** Spain

**Date of event:** 2014

**End date:** 2014

Viña J.

**18 Title of the work:** La Teoría de los radicales libres del envejecimiento: ¿Sigue siendo válida?

**Name of the conference:** SAFIS (Sociedad Argentina de Fisiología

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Argentina

**Date of event:** 2012

**End date:** 2012

Viña, J.

**19 Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** France

**Date of event:** 2011

**End date:** 2011

Viña, J.

**20 Title of the work:** Moderate ethanol consumption increases life span in *Drosophila melanogaster*

**Name of the conference:** 2nd World Congress on Targeting Mitochondria - Strategies, Innovations and Clinical Applications

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Berlin, Germany

**Date of event:** 2011

**End date:** 2011

Gambini J; Machado NG; Edo R; López-Grueso R; Bonet-Costa V; Abdelaziz KM; El Alami M; Inglés M; Dromant M; Olaso G; Borrás C; Viña J.

**21 Title of the work:** Nutritional modulation of sirtuin expression is mediated by redox changes

**Name of the conference:** 2nd World Congress on Targeting Mitochondria - Strategies, Innovations and Clinical Applications

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Berlin, Germany

**Date of event:** 2011

**End date:** 2011

Gambini J; Machado NG; Inglés M; López-Grueso R; Bonet-Costa V; Abdelaziz KM; El Alami M; Edo R; Dromant M; Olaso G; Borrás C; Oliveira PJ; Viña J.

**22 Title of the work:** A Free radical theory of ageing revisited

**Name of the conference:** SFRR - Europe 2011 Meeting - Redox Biology and Micronutrients: From signaling to translation and back

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Istanbul, Turkey

**Date of event:** 2011





**End date:** 2011

Viña, J.

- 23** **Title of the work:** Nutrition, Oxygen Biology and Medicine  
**Name of the conference:** Société Française de Recherche sur les Radicaux libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** France  
**Date of event:** 2011  
**End date:** 2011  
Viña, J.
- 24** **Title of the work:** Simposio Biológico I: Biomedicina de las enfermedades neurodegenerativas  
**Name of the conference:** 7th Congress of the EUGMS, 53rd Congress of the SEGG, 32nd Congress of the SAGG  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2011  
**End date:** 2011  
Viña, J.
- 25** **Title of the work:** Proliferación de células madre de pulpa dental humanas al 3 y 21% de O<sub>2</sub>  
**Name of the conference:** IX Congreso de la Sociedad Española de Cirugía Bucal  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2011  
**End date:** 2011  
Viña, J.
- 26** **Title of the work:** p53-mediated protection against pollutants: effect of exercise  
**Name of the conference:** II International Conference - Environmental Stressors in Biology and Medicine  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Italy  
**Date of event:** 2011  
**End date:** 2011  
Viña, J.
- 27** **Title of the work:** Ras/Grf1: a new longevity gene that acts by preventing oxidative stress  
**Name of the conference:** International symposium on the pathophysiology of reactive oxygen and nitrogen species  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2010  
**End date:** 2010  
Viña, J.



- 28** **Title of the work:** Exercise training is an antioxidant. Should we administer further antioxidant supplements to athletes?  
**Name of the conference:** ACSM (American College of Sports Medicine) Annual Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** United States of America  
**Date of event:** 2010  
**End date:** 2010  
Viña, J.
- 29** **Title of the work:** Consumption of ethanol induces sirtuin's expression in flies  
**Name of the conference:** International Symposium on Epigenetics, Chromatin Remodeling and Disease  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** Spain  
**Date of event:** 2010  
**End date:** 2010  
Gambini J; Borrás C; López-Grueso R; El Alami M K; Bonet-Costa V; Edo R; Viña J.
- 30** **Title of the work:** Modulation of the expression of longevity-related genes: an example of adaptation to stress  
**Name of the conference:** Lipid Oxidation, Human Diseases and Aging  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Italy  
**Date of event:** 2010  
**End date:** 2010  
Viña J.
- 31** **Title of the work:** Alzheimer's amyloid beta toxicity and Tau hyperphosphorylation are linked via up-regulation of RCAN1, a reactive oxygen sensitive gene  
**Name of the conference:** XXXIII Congreso de la Sociedad Española de Bioquímica y Biología Molecular  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2010  
**End date:** 2010  
José Viña.
- 32** **Title of the work:** El Deporte regular, una forma de envejecer saludablemente  
**Name of the conference:** Seminario sobre Muerte Súbita en el Deporte y en la Práctica Clínica  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2010  
**End date:** 2010  
José Viña.
- 33** **Title of the work:** Consumption of ethanol induces sirtuin expression in flies  
**Name of the conference:** International Symposium on Epigenetics, Chromatin Remodeling and Disease  
**Type of event:** Conference **Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Valencia, Spain

**Date of event:** 2010

**End date:** 2010

Gambini J; Borrás C; López-Grueso R; El Alami M; Bonet-Costa V; Edo R; Viña J.

- 34** **Title of the work:** Is the free radical theory of aging still true? The paradox of antioxidants  
**Name of the conference:** El Elixir de la Juventud - 25 años de estrés oxidativo (Fundación Valenciana de Estudios Avanzados)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Valencia, Spain  
**Date of event:** 2010  
**End date:** 2010  
Viña J.
- 35** **Title of the work:** Lifespan of cyclists  
**Name of the conference:** Rhum Race Symposium. Free Radicals, Nutrition and Peak Performance - From fundamental aspects to sport training  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** France  
**Date of event:** 2010  
**End date:** 2010  
Viña J.
- 36** **Title of the work:** APOE4, RISK FACTOR OF ALZHEIMER'S DISEASE, STUDY IN YOUNG ADULTS.  
**Name of the conference:** International Conference on Alzheimer's Disease (ICAD 2010) Hawaii  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** United States of America  
**Date of event:** 2010  
**End date:** 2010  
Badia MC; Lloret A; Mora N; Markovic J; Dasi F; Alonso MD; Viña J.
- 37** **Title of the work:** APOE 4 Y PREDISPOSICIÓN A LA ENFERMEDAD DE ALZHEIMER EN SUJETOS JÓVENES. (Elegida como comunicación estelar)  
**Name of the conference:** LXII Reunión Anual de la Sociedad Española de Neurología  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2010  
**End date:** 2010  
Badia MC; Lloret A; Alonso MD; Mora N; Markovic J; Dasi F; Viña J.
- 38** **Name of the conference:** Gordon Research Conference on Oxidative Stress & Disease  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Lucca (Barga), Italy  
**Date of event:** 2009  
**End date:** 2009



Viña J.

- 39 Name of the conference:** Nutrition, Oxygen Biology and Medicine - Société Française de Recherche sur les Radicaux libres

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Paris, France

**Date of event:** 2009

**End date:** 2009

Viña J.

- 40 Title of the work:** "Nuevas aportaciones de la biología"

**Name of the conference:** 51º Congreso de la Sociedad Española de Geriatria y Gerontología - Innovación y Envejecimiento - Zahartzaroa Eraberritzen

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Bilbao, Spain

**Date of event:** 2009

**End date:** 2009

Viña J.

- 41 Name of the conference:** 2º Congreso Nacional de Fitoterapia de la AEEM

**Type of event:** Conference

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Antalya, Spain

**Date of event:** 2009

**End date:** 2009

Viña J.

- 42 Title of the work:** Phytoestrogens act as antioxidants because they up-regulate antioxidant-, longevity-associated genes

**Name of the conference:** ICPH 2009 - The 4th International Conference on Polyphenols and Health

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Antalya, United Kingdom

**Date of event:** 2009

**End date:** 2009

Viña J.

- 43 Title of the work:** Modulation of longevity-associated genes by estrogens or phytoestrogens

**Name of the conference:** 6th International Meeting - Rapid Responses to Steroid Hormones

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Spain

**Date of event:** 2009

**End date:** 2009

Viña, J.

- 44 Title of the work:** Los Antioxidantes de la dieta modulan genes de longevidad

**Name of the conference:** Aspectos Económicos de la Nutrición

**Type of event:** Conference



**Type of participation:** Participatory - invited/keynote talk

**City of event:** Spain

**Date of event:** 2009

**End date:** 2009

Viña, J.

- 45 Title of the work:** Los radicales libres como señales para la regulación de la Biología Celular  
**Name of the conference:** Simposio Internacional: Bioquímica Perinatal (XVI Curso Internacional e Interuniversitario para Postgraduados)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2008  
**End date:** 2008  
Viña, J.

- 46 Title of the work:** Estrogen or genistein prevent beta-amyloid-induced cell death by inhibiting the p38 pathway  
**Name of the conference:** Oxygen Club of California - Oxidants and antioxidants in Biology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** United States of America  
**Date of event:** 2008  
**End date:** 2008  
Viña J; Valles S; Borrás C; Gambini J; Ortega A; Sastre J; Pallardo FV.

- 47 Title of the work:** "La teoría de los radicales libres aún es verdadera, pero su principal conclusión no" y como moderador del Simposio Biológico I: Genética y Longevidad  
**Name of the conference:** 50º Congreso de la Sociedad Española de Geriátrica y Gerontología y 29º Congreso de la sociedad Andaluza de Geriátrica y Gerontología  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Granada, Spain  
**Date of event:** 2008  
**End date:** 2008  
Viña, J.

- 48 Title of the work:** Identification of new longevity-associated genes and their redox modulation  
**Name of the conference:** Society for Free Radical Research European Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Berlin, Germany  
**Date of event:** 2008  
**End date:** 2008  
Viña J; Borrás C; Gambini J.

- 49 Title of the work:** Delayed ageing through damage protection by the Arf/p53 pathway. Role of oxidative stress  
**Name of the conference:** Society for Free Radical Research European Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster





**City of event:** Berlin, Germany

**Date of event:** 2008

**End date:** 2008

Borras C; Matheu A; Maraver A; Klatt P; Flores I; Garcia-Cao I; Flores JM; Blasco MA; Viña J; Serrano M.

**50 Title of the work:** Nutritional modulation of sirtuin expression is mediated by redox changes

**Name of the conference:** Society for Free Radical Research European Meeting

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Berlin, Germany

**Date of event:** 2008

**End date:** 2008

Gambini J; Borrás C; López-Grueso R; Valles SL; Gómez-Cabrera C; Viña J.

**51 Title of the work:** "Un nuevo reto asistencial. Revitalización Médica Integrativa" - "A welfare challenge. Integrative medical revitalization" Prof. Viña fue el Presidente del Comité Organizador. (Chair of session)

**Name of the conference:** VII Congreso de la Sociedad Española de Medicina Antienvjecimiento y longevidad - 7th International Congress of Anti-aging Medicine

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - others

**City of event:** Valencia, Spain

**Date of event:** 2008

**End date:** 2008

Viña J.

**52 Title of the work:** "Fostering antioxidant defences: up-regulating antioxidant enzymes or taking antioxidant supplements?

**Name of the conference:** Lipid Peroxidation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Karuizawa, Japan

**Date of event:** 2008

**End date:** 2008

Viña J.

**53 Name of the conference:** Lipid Peroxidation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Beijing, China

**Date of event:** 2008

**End date:** 2008

Viña J.

**54 Title of the work:** "Exercise as an antioxidant: Role of free radicals to induce adaptations to muscle cell to exercise"

**Name of the conference:** III Biennial Meeting SFRR-Asia & VI Annual Meeting SFRR-India: Emerging Trends in Free Radical and Antioxidant Research

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Lonavala, India

**Date of event:** 2007



**End date:** 2007

Viña J.

**55 Title of the work:** "Estrogen, ageing and longevity"

**Name of the conference:** The 2nd World Congress on Gender-Specific Medicine and Ageing: The Endocrine Impact

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Rome, Italy

**Date of event:** 2007

**End date:** 2007

Viña, J.

**56 Title of the work:** "Free radicals are signals in the mitochondriogenic pathway associated with exercise. Antioxidants impair adaptations to training"

**Name of the conference:** XXXIV SECF (Sociedad Española de Ciencias Fisiológicas) Congreso

**Type of event:** Conference

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Valladolid, Spain

**Date of event:** 2007

**End date:** 2007

Viña, J.

**57 Title of the work:** "¿Debemos tomar suplementos vitamínicos? Revisión de la evidencia científica"

**Name of the conference:** VI Congreso de la Sociedad Española de Medicina Antienvejecimiento y Longevidad

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2007

**End date:** 2007

Viña, José.

**58 Title of the work:** Fostering antioxidant defences: Up-regulating antioxidant genes or taking antioxidant supplements?(ponencia de clausura)

**Name of the conference:** 1st Internacional Immunonutrition Workshop

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Valencia, Spain

**Date of event:** 2007

**End date:** 2007

Viña J.

**59 Title of the work:** Nutritional modulation of sirtuin expression is mediated by redox changes

**Name of the conference:** SFRR Europe 2007 Meeting

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Vilamoura, Portugal

**Date of event:** 2007

**End date:** 2007

Viña J.



- 60** **Title of the work:** "Fostering antioxidant defences: Taking antioxidants or promoting endogenous antioxidant enzymes?" , . 26th - 27th October 2007  
**Name of the conference:** Interdisciplinary Scientific Conference of the European Cooperation in Scientific and Technical Research (COST) "Oxygen, Stress and Lipids"  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Dubrovnik, Croatia  
**Date of event:** 2007  
**End date:** 2007  
Viña J.
- 61** **Title of the work:** Phytoestrogens up-regulate longevity associated genes. Importance in anti-ageing medicine  
**Name of the conference:** ICoFF 2007 International Conference on Food Factors for Health Promotion  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Kyoto, Japan  
**Date of event:** 2007  
**End date:** 2007  
Borrás, C.; Gambini, J.; Viña, J.
- 62** **Title of the work:** Estrés oxidativo en la enfermedad de Alzheimer  
**Name of the conference:** II Curso sobre avances recientes en la enfermedad de Alzheimer  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Valencia, Spain  
**Date of event:** 2007  
**End date:** 2007  
Viña, J.
- 63** **Title of the work:** Failure in mitochondrial biogenesis causes mtDNA depletion in secondary biliary cirrhosis in rats  
**Name of the conference:** Congreso Europeo 2007 de la Sociedad Europea de Radicales Libres (SFRR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Vilamoura, Portugal  
**Date of event:** 2007  
**End date:** 2007  
A. Arduini; G. Serviddio; M. Monsalve; F.V. Pallardó; J. Viña; J. Sastre.
- 64** **Title of the work:** Mitochondrial biogenesis during ageing  
**Name of the conference:** SFRR Europe 2007 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** Portugal  
**Date of event:** 2007  
**End date:** 2007  
Froio T; López-Grueso R; Gambini J; Borrás C; Viña J.

- 65** **Title of the work:** Females have higher brain glucose consumption than males and it decays with ageing  
**Name of the conference:** SFRR Europe 2007 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Portugal  
**Date of event:** 2007  
**End date:** 2007  
López-Grueso R; Borrás C; Gambini J; Viña J.
- 66** **Title of the work:** Effect of vitamin C administration in the haematological adaptations to an intermittent normobaric hypoxic protocol: Role of free radicals  
**Name of the conference:** SFRR Europe 2007 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Portugal  
**Date of event:** 2007  
**End date:** 2007  
Martínez-Bello V; Sanchis-Gomar F; Boménech E; Nascimento AL; Pallardó FV; Gómez-Cabrera MC; Viña J.
- 67** **Title of the work:** Melatonin treatment ameliorates age-related changes in guinea pig liver antioxidant enzymes expression  
**Name of the conference:** SFRR Europe 2007 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Portugal  
**Date of event:** 2007  
**End date:** 2007  
Míguez MP; Borrás C; Ramos A; Gómez-Pinilla PJ; Viña J.
- 68** **Title of the work:** Estradiol or genistein inhibits beta amyloid-induced inflammatory mediators in cultured astrocytes  
**Name of the conference:** SFRR Europe 2007 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Portugal  
**Date of event:** 2007  
**End date:** 2007  
Vallés SL; Sastre J; Pallardó FV; Viña J.
- 69** **Title of the work:** El estradiol o la genisteína rescatan a las neuronas en cultivo primario de la muerte celular inducida por beta amiloide mediante la inhibición de la fosforilación de p-38.  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Valencia, Spain  
**Date of event:** 2007  
**End date:** 2007  
S.L. Vallés; J. Furriol; C. Borrás; J. Gambini; F.V. Pallardó; J. Sastre; J. Viña.

- 70** **Title of the work:** Delayed ageing through damage protection by the Arf/p53 pathway: Importance of antioxidant defence  
**Name of the conference:** SFRR Europe 2007 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Portugal  
**Date of event:** 2007  
**End date:** 2007  
Viña J; Matheu A; Maraver A; Klatt P; Flores I; García-Cao I; Borrás C; Flores JM; Blasco MA; Serrano M.
- 71** **Title of the work:** Cámara PET de animales pequeños: Una herramienta para estudios funcionales no invasivos 'in vivo'.  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Valencia, Spain  
**Date of event:** 2007  
**End date:** 2007  
R. López-Grueso; C. Borrás; J. Gambini; J. Sastre; F.V. Pallardó; J.M. Benlloch; J. Viña.
- 72** **Title of the work:** Changes in nuclear glutathione during the cell cycle  
**Name of the conference:** SFRR Europe 2007 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Portugal  
**Date of event:** 2007  
**End date:** 2007  
Markovic J; Ortega A; Mora N; Borrás C; Sastre J; Viña J; Pallardó FV.
- 73** **Title of the work:** Inefficient glutamate cysteine ligase up-regulation: A novel mechanism to differentiate necrotizing from edematous pancreatitis.  
**Name of the conference:** Congreso Europeo 2007 de la Sociedad Europea de Radicales Libres (SFRR-Europe)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Vilamoura, Portugal  
**Date of event:** 2007  
**End date:** 2007  
Javier Escobar; Javier Pereda; Juan Sandoval; José Luis Rodríguez; Luis Sabater; Federico V. Pallardó; Luis Torres; Luis Franco; José Viña; Gerardo López; Juan Sastre.
- 74** **Title of the work:** Efecto de la administración de oxipurinol y superóxido dismutasa en la generación de especies reactivas del oxígeno y en la producción de fuerza en el músculo esquelético  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Gómez-Cabrera, MC, Close, GL; McArdle, A; Viña, J; Jackson, MJ.



- 75** **Title of the work:** Las isoflavonas de la soja inducen la expresión de genes antioxidantes de longevidad a través de la activación receptores estrogénicos y de las vías de señalización de MAPK y NFkB  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Gambini J; Borrás C; López-Grueso R; Gómez-Cabrera MC; Sastre J; Pallardó FV; Viña, J.
- 76** **Title of the work:** Papel de C-MYC en la regulación de la expresión de la gamma Glutamylcisteína sintetasa en la pancreatitis aguda  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Escobar J; Pereda J; Sandoval J; Rodríguez JL; Sabater L; Pallardó FV; Franco L; Viña J; López G; Sastre J.
- 77** **Title of the work:** Estrés oxidativo y biogénesis mitocondrial en la cirrosis biliar inducida por colestasis crónica en ratas  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Arduini A; Serviddio G; Monsalve M; Pallardó FV; Poli G; Viña J; Sastre J.
- 78** **Title of the work:** Parámetros de proliferación en cultivos de neuronas de rata Wistar. Importancia del GSH.  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Mora NJ; Markovic J; Broseta A; Ortega A; Borrás C; Viña J; Pallardó FV.
- 79** **Title of the work:** Diferencias en la toxicidad del péptido Beta-amiloide en relación al género y la edad.  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Lloret A; Badía MC; Mora N; Ortega A; Markovic J; Sastre J; Viña J; Pallardó FV.



- 80** **Title of the work:** Modelo de agregación mitocondrial inducida por la citotoxicidad con bA 1-42 en células PC 12  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Mora N; Lloret A; Ortega A; Markovic J; Sastre J; Viña J; Pallardó FV.
- 81** **Title of the work:** Comparación del efecto del entrenamiento aeróbico sobre el contenido mitocondrial en músculo esquelético y linfocito aislado de rata  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Nascimento AL; Doménech E, S; Sanchis-Gomar F; Martínez-Bello VE; Markovic J; Ortega A; Gómez-Cabrera MC; Viña J.
- 82** **Title of the work:** La administración oral de vitamina C disminuye el redimiento tras entrenamiento  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Doménech E; Gómez-Cabrera MC; Romagnoli M; García-Villanueva C; Nascimento AL, S; Borrás C; Sanchis-Gomar F; Martínez-Bello VE; Viña J.
- 83** **Title of the work:** Estudio de toxicidad del péptido amiloide en linfocitos humanos  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Badía MC; Lloret A; Mora N; Ortega A; Pallardó FV; Alonso MD; Viña J.
- 84** **Title of the work:** Importancia del glutatión nuclear en la proliferación celular  
**Name of the conference:** VIII Reunión del Grupo Español de Radicales Libres  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Torino, Italy  
**Date of event:** 2007  
**End date:** 2007  
Markovic J; Mora N; Ortega A; Borrás C; Sastre J; Viña J; Pallardó FV.



- 85** **Title of the work:** Estrés oxidativo en el prematuro. Importancia de la reanimación con aire frente a la reanimación con oxígeno" Madrid, Spain. 27th - 31st March  
**Name of the conference:** XV Curso Internacional e Interuniversitario para Postgraduados Simposio internacional sobre: Bioquímica Perinatal & NATO  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2006  
**End date:** 2006  
Viña J.
- 86** **Title of the work:** Ejercicio físico como terapia del sobrepeso" Valencia, Spain. 11th and 12th May  
**Name of the conference:** OBESIDAD Fundación Valenciana de Estudios Avanzados  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2006  
**End date:** 2006  
Viña J.
- 87** **Title of the work:** El Prof Viña ejerció de Chairperson de la reunión.  
**Name of the conference:** 3rd International Meeting HNE-Club - Role of 4-hydroxynonenal and related lipid peroxidation products in cell pathophysiology& NATO  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Genoa, Italy  
**Date of event:** 2006  
**End date:** 2006  
Viña J.
- 88** **Title of the work:** Oral administration of vitamin C jeopardizes training efficiency in rats and in humans  
**Name of the conference:** 11th Annual Congreso of the European Collage of Sport Science  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Lausanne, Switzerland  
**Date of event:** 2006  
**End date:** 2006  
Gómez-Cabrera, M.C.; Doménech, E.; Romagnoli, M.; Borrás, C.; Arduini, A.; Viña J.
- 89** **Title of the work:** Exercise as an antioxidant: It up-regulates important enzymes for cell adaptations to exercise  
**Name of the conference:** 11th Annual Congreso of the European Collage of Sport Science  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Lausanne, Switzerland  
**Date of event:** 2006  
**End date:** 2006  
Gómez-Cabrera, M.C.; Doménech, E.; Ji, L.L.; Viña J.



- 90** **Title of the work:** Título de la ponencia: "Estrés oxidativo mitocondrial en la enfermedad de Alzheimer"  
Valencia, Spain. 5th and 6th October 2006  
**Name of the conference:** Curso sobre Avances recientes en la fisiopatología de la Enfermedad de Alzheimer El Prof. Viña fue Coordinador del Curso  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Valencia, Spain  
**Date of event:** 2006  
**End date:** 2006  
Viña J.
- 91** **Title of the work:** Inducción de la expresión de las enzimas de longevidad por el 17 beta-estradiol vía activación de las cascada ERK1/2[MAPK]/NFkB  
**Name of the conference:** 2ª Reunión Nacional SEMEG (Sociedad Española de Medicina Geriátrica)  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 2006  
**End date:** 2006  
Borrás C; Gambini J; Gómez-Cabrera MC; Sastre J; Pallardó FV; Viña J.
- 92** **Title of the work:** "Toxicidad Intracelular del péptido  $\beta$ -amiloide: Generación de oxidantes mitocondriales y ruptura lisosomal"  
**Name of the conference:** 2ª Reunión Nacional SEMEG (Sociedad Española de Medicina Geriátrica)  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 2006  
**End date:** 2006  
Lloret A; Mora N; Badía MC; Alonso MD; Viña J.
- 93** **Title of the work:** "Los estrógenos rescatan a las neuronas de la muerte celular inducida por beta-amiloide inhibiendo la activación de P38"  
**Name of the conference:** 2ª Reunión Nacional SEMEG (Sociedad Española de Medicina Geriátrica)  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 2006  
**End date:** 2006  
Vallés SL; Furriol J; Borrás C; Gambini J; Viña J.
- 94** **Title of the work:** "The importance of supplementation with phytoestrogens in anti-aging medicine" "La importancia de la suplementación con fitoestrógenos en medicina antienvjecimiento"  
**Name of the conference:** SEMAL Internacional Congreso of Anti-aging Medicina V Congreso de la Sociedad Española de Medicina Antienvjecimiento y Longevidad  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Madrid, Spain  
**Date of event:** 2006  
**End date:** 2006  
Viña J.



- 95** **Title of the work:** "La teoría de los radicales libres del envejecimiento y sus aplicaciones prácticas".  
**Name of the conference:** 48º Congreso de la Sociedad Española de Geriatria y Gerontología - 2º Congreso de la Sociedad Navarra de Geriatria y Gerontología & NATO  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Pamplona, Spain  
**Date of event:** 2006  
**End date:** 2006  
Viña J.
- 96** **Title of the work:** "ROS y ejercicio físico"  
**Name of the conference:** Jornada Científica "Especies Reactivas de Oxígeno (ROS): Aspectos Fisiológicos y Patológicos"  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Valladolid, Spain  
**Date of event:** 2006  
**End date:** 2006  
Viña J.
- 97** **Title of the work:** "Juventud eterna: mito y realidad"  
**Name of the conference:** Maratón - El desafío de la eterna juventud, Museo Nacional de Ciencia y Tecnología (Ministerio de Educación y Ciencia) Director del Maratón  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Madrid, Spain  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 98** **Name of the conference:** 72ème Congres de la Société de Physiologie  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Rennes, France  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 99** **Title of the work:** Intracellular toxicity of beta-amiloid peptide: Role of mitochondrial oxidant generation  
**Name of the conference:** Oxidants and Antioxidants in Biology Oxygen Club of California  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Alba, Italy  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 100** **Title of the work:** Red wine extends lifespan in Drosophila melanogaster  
**Name of the conference:** Oxygen club annual meeting.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster





**City of event:** Alba, Italy

**Date of event:** 2005

**End date:** 2005

Gambini J; Borrás C; Garcia-chala A; Vallés SL; Rus D; Markovic J; Mora N; Romagnoli M; Arduini A; Escobar JJ; Viña J.

- 101 Title of the work:** Oral antioxidant administration impairs mitochondrial biogenesis and antioxidants gene expression in trained rats

**Name of the conference:** Oxidants and Antioxidants in Biology Oxygen Club of California

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Alba, Italy

**Date of event:** 2005

**End date:** 2005

Viña, J.,

- 102 Title of the work:** Gender- and age-related differences in mitochondrial toxicity of beta-amyloid peptide

**Name of the conference:** Oxidants and Antioxidants in Biology Oxygen Club of California

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Alba, Italy

**Date of event:** 2005

**End date:** 2005

Viña, J.,

- 103 Title of the work:** Recruitment of glutathione into the nucleus in early phases of fibroblast proliferation

**Name of the conference:** Oxidants and Antioxidants in Biology Oxygen Club of California

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Alba, Italy

**Date of event:** 2005

**End date:** 2005

Viña, J.,

- 104 Title of the work:** Aggregation of mitochondria and lysosomal rupture induced by beta-amyloid in PC12 cells

**Name of the conference:** Oxidants and Antioxidants in Biology Oxygen Club of California

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Alba, Italy

**Date of event:** 2005

**End date:** 2005

Viña, J.,

- 105 Title of the work:** UDCA restores hepatic and mitochondrial GSH depletion through  $\gamma$ -GCS up-regulation in BDL

**Name of the conference:** Oxidants and Antioxidants in Biology Oxygen Club of California

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Alba, Italy

**Date of event:** 2005



**End date:** 2005

Viña, J.,

**106 Title of the work:** Dietary soy isoflavones enhance antioxidant gene expression mediated by MAPK/NFkB signalling pathways

**Name of the conference:** 2nd International Conference on Polyphenols and Health

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** California, United States of America

**Date of event:** 2005

**End date:** 2005

Viña, J.,

**107 Title of the work:** Regulation of antioxidant gene expression in vascular cells by dietary isoflavones

**Name of the conference:** 2nd International Conference on Polyphenols and Health

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** California, United States of America

**Date of event:** 2005

**End date:** 2005

Viña, J.,

**108 Title of the work:** Modulation of gene expression by estrogenic compounds. Importance for determining the different longevity between genders

**Name of the conference:** 2nd International Conference on Polyphenols and Health

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** California, United States of America

**Date of event:** 2005

**End date:** 2005

Viña, J.,

**109 Title of the work:** Xanthine oxidase: source of oxidative stress and marker of aging

**Name of the conference:** Young Physiologists'Symposium

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Seville, Spain

**Date of event:** 2005

**End date:** 2005

Viña, J.,

**110 Title of the work:** Acute exercise activates nuclear factor (NF)-kB signalling pathway in rat skeletal muscle

**Name of the conference:** Young Physiologists'Symposium

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Seville, Spain

**Date of event:** 2005

**End date:** 2005

Viña, J.,



- 111 Title of the work:** Telomerase activity is modified by cell redox status  
**Name of the conference:** Young Physiologists'Symposium  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Seville, Spain  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 112 Title of the work:** Oestrogens activate cellular signalling to modulate longevity  
**Name of the conference:** Young Physiologists'Symposium  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Seville, Spain  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 113 Title of the work:** Free radicals generated in training condition muscle adaptations to exercise. Effect of antioxidant administration  
**Name of the conference:** Young Physiologists'Symposium  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Seville, Spain  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 114 Title of the work:** The effects of cisplatin on human mammary carcinoma cell lines MCF7 Bcl-2+/-AND MCF7 Bcl-2+/  
**Name of the conference:** Young Physiologists'Symposium  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Seville, Spain  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 115 Title of the work:** Xanthine oxidase derived free radicals are responsible for NF-kB activation through a MAPKinase pathway in diabetes. Effect of allopurinol administration  
**Name of the conference:** Young Physiologists'Symposium  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Seville, Spain  
**Date of event:** 2005  
**End date:** 2005  
Viña, J.,
- 116 Title of the work:** Why females live longer than males: Importance of oestrogenic compounds to up-regulate longevity associated genes  
**Name of the conference:** CNIO Cancer Conferences

**Type of event:** Conference**Geographical area:** International**Type of participation:** Participatory - invited/keynote talk**City of event:** Madrid, Spain**Date of event:** 2005**End date:** 2005

Viña, J.,

**117 Title of the work:** ROS y demencias: Papel protector de la vitamina E**Name of the conference:** XLVII Congreso de la Sociedad Española de Geriátría y Gerontología/XXVI Congreso de la Sociedad Andaluza de Geriátría y Gerontología - Demencias en Geriátría: 'Desde el principio hasta el final'**Type of event:** Conference**Type of participation:** Participatory - invited/keynote talk**City of event:** Málaga, Spain**Date of event:** 2005**End date:** 2005

Viña J.

**118 Title of the work:** "Role of reactive oxygen species in cellular adaptation to exercise"**Name of the conference:** XXXIII Congress of the Spanish Society of Physiological Sciences**Type of event:** Conference**Geographical area:** International**Type of participation:** Participatory - invited/keynote talk**City of event:** Seville, Spain**Date of event:** 2005**End date:** 2005

Viña, J.,

**119 Title of the work:** "Role of reactive oxygen species in cellular adaptation to exercise"**Name of the conference:** XXXIII Congress of the Spanish Society of Physiological Sciences**Type of event:** Conference**Geographical area:** International**Type of participation:** Participatory - invited/keynote talk**City of event:** Seville, Spain**Date of event:** 2005**End date:** 2005

Viña, J.,

**120 Title of the work:** Beta-Amyloid peptide increases free radicals producing cell death by necrosis and apoptosis in primary culture of neurons and astrocytes.**Name of the conference:** Oxygen club annual meeting.**Type of event:** Conference**Geographical area:** International**Type of participation:** 'Participatory - poster**City of event:** Alba, Italy**Date of event:** 2005**End date:** 2005

Soraya L. Valles; Consuelo Borrás; Juan Gambini; Angel Ortega; Nancy Mora; Marco Romagnoli; Javier Escobar; Diana Rus; Federico Pallardo; Jose Viña.

**121 Title of the work:** Mitochondrial toxicity of beta-amyloid peptide in males but not in young females**Name of the conference:** XXXIII Congress of the Spanish Society of Physiological Sciences..**Type of event:** Conference**Type of participation:** 'Participatory - poster



**City of event:** Spain

**Date of event:** 2005

**End date:** 2005

Ana Lloret; Marco Romagnoli; Nancy Mora; Jelena Markovic; Ariana Diana Rus; Javier Pereda; Soraya L. Valles; Juan Gambini; J. Sastre; Jose Viña.

**122 Title of the work:** Apoptosis induced by beta-amyloid in PC12 cells and primary cultura neurons.

**Name of the conference:** XXXIII Congress of the Spanish Society of Physiological Sciences.

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**City of event:** Spain

**Date of event:** 2005

**End date:** 2005

Nancy J. Mora; Ana Lloret; Angel Ortega; Soraya L. Vallés; Jelena Markovic; J. Pereda; Dolores Royo; J. Gambini; J. Sastre; F. Pallardó.

**123 Title of the work:** Antioxidant enzyme expression is up-regulated by 17b-estradiol via the ERK1/2[MAPK]/NFkB cascade

**Name of the conference:** SFRR's 12th Biennal Meeting

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Buenos Aires, Argentina

**Date of event:** 2004

**End date:** 2004

Borrás, C.; Gambini, J.; Gomez-Carera, MC, Mann, GE; Viña, J. "Free Radical Biology and Medicine, vol 36, supl. 1, 2004".

**124 Title of the work:** Inducción de la expression de genes de longevidad por el estradiol vía activación de la cascada ERK1/2[MAPK]/NFKB

**Name of the conference:** 1ª Reunión Nacional de la Sociedad Española de Medicina Geriátrica

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**City of event:** Valencia, Spain

**Date of event:** 2004

**End date:** 2004

Borrás, C.; Gambini, J.; Gomez-Cabrera MC; Markovik, J.; Royo, D; Lloret, A; Pereda, J; Domenech, E.; Sastre, J.; Viña, J.

**125 Title of the work:** Toxicidad intracelular del péptido beta amiloide: salida mitocondrial de especies oxidantes y de señales apoptogénicas

**Name of the conference:** 1ª Reunión Nacional de la Sociedad Española de Medicina Geriátrica

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**City of event:** Valencia, Spain

**Date of event:** 2004

**End date:** 2004

Lloret, A; Ortega, A.; Royo, D; Gomez-Cabrera MC; Borrás, C.; Rus, AD.; Pereda, J; Alonso, D.; Pallardo, FV.; Viña, J.

**126 Title of the work:** El ejercicio físico moderado induce la expresión de genes relacionados con la longevidad

**Name of the conference:** 1ª Reunión Nacional de la Sociedad Española de Medicina Geriátrica

**Type of event:** Conference





**Type of participation:** 'Participatory - poster

**City of event:** Valencia, Spain

**Date of event:** 2004

**End date:** 2004

Gomez-Cabrera MC; Doménech, E.; Romagnoli, M.; Borrás, C.; Rus, AD.; Markovik, J.; Lloret; Gambini, J.; García-Villanueva, C.; Viña, J.

**127 Title of the work:** Relación entre actividad telomerasa y estatus redox celular

**Name of the conference:** XXVII Congreso SEBBM

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**City of event:** Lerida, Spain

**Date of event:** 2004

**End date:** 2004

C. Borrás; M. Blasco; J. Viña F.V. Pallardó.

**128 Title of the work:** Moderate exercise up-regulates the expression of antioxidant genes and of transcription factors for mitochondrial biogenesis. Oral antioxidant administration prevents it

**Name of the conference:** 2nd Spanish and Portuguese Congress on Free Radicals.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 2004

**End date:** 2004

Doménech E; Gomez-Cabrera MC; Romagnoli M; Sastre, J; Pereda, J; Royo D Borrás C; Rus AD; Viña J.

**129 Title of the work:** Physiological concentrations of 17 $\alpha$ -estradiol and genistein exert their antioxidant action by induction of antioxidant gene expression in a mammary gland tumour cell line

**Name of the conference:** 2nd Spanish and Portuguese Congress on Free Radicals.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 2004

**End date:** 2004

Gambini J; Borrás C; Gómez-Cabrera MC; Rus AD; Markovic, J; Mora N; Sastre J; Mann GE; Viña, J.

**130 Title of the work:** Nuclear glutathione regulates the telomerase activity in 3T3 fibroblasts

**Name of the conference:** 2nd Spanish and Portuguese Congress on Free Radicals.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 2004

**End date:** 2004

Markovic, J; Borrás C; Ortega A; Lloret A; Mora N; Gambini J; Domenech E; Viña J; Pallardó FV.

**131 Title of the work:** Relationship between telomerase activity and cell redox status

**Name of the conference:** 2nd Spanish and Portuguese Congress on Free Radicals.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 2004



**End date:** 2004

Borrás C; Markovic J; Gambini J; Pereda J; Domenech E; Royo D; Mora N; Blasco MA; Pallardo FV; Viña J.

- 132 Title of the work:** Physiological concentrations of 17beta-oestradiol and genistein exert their antioxidant action by induction of antioxidant gene expression in a mammary gland tumour cell line

**Name of the conference:** PHYSIOLOGICAL SOCIETY MEETING AT KING'S COLLEGE LONDON

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** London, United Kingdom

**Date of event:** 2004

**End date:** 2004

Borrás, C.; Gambini, J.; Gomez-Carera, MC, Mann, GE; Viña, J.

- 133 Title of the work:** Moderate exercise up-regulates the expresión of antioxidant genes and of transcription factors for mitochondrial biogenesis. Oral antioxidants administration prevents it

**Name of the conference:** PHYSIOLOGICAL SOCIETY MEETING AT KING'S COLLEGE LONDON

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** London, United Kingdom

**Date of event:** 2004

**End date:** 2004

Gomez-Cabrera, MC; Domenech E; Borrás; C. Pallardo FV; Viña, J.

- 134 Title of the work:** Cellular distribution of reduced glutathione during cell cycle in 3T3 fibroblasts

**Name of the conference:** PHYSIOLOGICAL SOCIETY MEETING AT KING'S COLLEGE LONDON

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** London, United Kingdom

**Date of event:** 2004

**End date:** 2004

Markovic J; Borrás, C.; Ortega A; Pallardo FV; Viña, J.

- 135 Title of the work:** Enhanced oxidative damage in asphyctic newly born infants resucitated with pure oxygen as compared to room air.

**Name of the conference:** Pediatric Academic Societies Annual Meeting.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** San Francisco, United States of America

**Date of event:** 2004

**End date:** 2004

Vento M; Sastre J; Asensi M; Lloret A; Gómez C; Borrás C; García-Sala F; Viña J.

- 136 Title of the work:** Mechanism of apoptosis in the mammary gland of weaned rats; Implication of xanthine oxidase.

**Name of the conference:** 12 th Biennial Meeting of the Society for Free Radical Research International SFRR.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Buenos Aires, Argentina

**Date of event:** 2004

**End date:** 2004

Rus D; Royo MD; Gómez-Cabrera MC; Zaragozá R; García C; Sastre J; Viña J; Viña JR; Pallardó FV.

**137 Title of the work:** Xanthine oxidase: A significant source of oxidative stress in aging.

**Name of the conference:** 2nd Spanish and Portuguese Congress on Free Radicals

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 2004

**End date:** 2004

Rus AD; Aranda R; Domenech E; Gambini J; Gómez-Cabrera MC; Perdea J; Royo D; Lloret A; Romagnoli M; Viña J; Pallardó FV.

**138 Title of the work:** Xanthine oxidase derived free radicals are responsible for NF- $\kappa$ B activation through MAP kinase pathway in Diabetes.

**Name of the conference:** 2nd Spanish and Portuguese Congress on Free Radicals.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 2004

**End date:** 2004

Romagnoli M; Gómez-Cabrera MC; Domenech E; Sastre J; Rus AD; Pereda J; Lloret A; Royo D; Viña J.

**139 Title of the work:** ¿Puede ser la xantina oxidasa un parametro de envejecimiento y posible clave de supervivencia?

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Las Palmas de Gran Canaria, Spain

**Date of event:** 2004

**End date:** 2004

Rus, A.D.; Aranda, R.; Sastre, J; Viña J.; Pallardó FV.

**140 Title of the work:** Oestrogens increase life span and promote antioxidant protection by stimulating the transcription of antioxidant and other longevity genes

**Name of the conference:** Summer meeting SFRR-Europe 2004 'reactive oxygen species and antioxidants'

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Lodz, Poland

**Date of event:** 2004

**End date:** 2004

Viña J.; Borrás C.; Lloret A.; Royo D; Pallardó FV; Sastre J.

**141 Title of the work:** Relationship between telomerase activity and cell redox status

**Name of the conference:** XXXIII Congress the Spanish Society of Physiological Sciences, The Physiological Society (UK and EIRE) and the Dutch Society of Physiology

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Sevilla, Spain

**Date of event:** 2004

**End date:** 2004

Viña J.; Borrás C.; Lloret A.; Royo D; Pallardó FV; Sastre J.



- 142** **Title of the work:** RelaOxidative stress associated to different types of physical exercises. Effect of natural and synthetic antioxidants  
**Name of the conference:** Second Spanish and portugues congress of free radicals  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Bilbao, Spain  
**Date of event:** 2004  
**End date:** 2004  
 Gomez-Cabrera, MC; Domenech, E.; Borrás C.; Sastre J.; Viña, J; Pallardó FV.
- 143** **Title of the work:** 'Selective beneficial effects on vitamin E in some, but not all Alzheimer disease patients'.  
**Name of the conference:** Frontiers in neurodegenerative disorders and aging: Fundamental aspects, clinical perspectives and new insights. Advanced Research Workshop, IUBMB & NATO  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Antalya, Turkey  
**Date of event:** 2003  
**End date:** 2003  
 Lloret A; Royo D; Ortí R; Pallardó FV; Alonso D; Viña J.
- 144** **Title of the work:** 'Why females live longer than males. Importance of oestrogens and phytoestrogens to prevent age-associated mitochondrial damage.  
**Name of the conference:** Mechanisms and biomarkers of ageing: From molecules to diseases.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Torino, Italy  
**Date of event:** 2003  
**End date:** 2003  
 Viña, José.
- 145** **Title of the work:** 'Possible mechanisms by which females live longer than males'  
**Name of the conference:** Vth European Congress of Gerontology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Barcelona, Spain  
**Date of event:** 2003  
**End date:** 2003  
 Viña J.
- 146** **Title of the work:** 'Activation of NFkB in rat skeletal muscle: Effects of exercise. Hydroperoxide and lipopolysaccharide.  
**Name of the conference:** Congress of the American College of Sports Medicine  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2003  
**End date:** 2003  
 Gómez-Cabrera MC; Steinhafel N; Viña J; Ji L.L."Medicine & Science in Sports & Exercise 2003; 35 (5): S196".

- 147** **Title of the work:** Exercise activation of nuclear factor (NF)  $\kappa$ B signaling cascades in rat skeletal muscle.  
**Name of the conference:** Congress of the American College of Sports Medicine  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2003  
**End date:** 2003  
Ji L.L.; Steinhafel N; Hollander J; Gómez-Cabrera MC; Viña J; Lee JM; Johnson JA. "Medicine & Science in Sports & Exercise 2003; 35 (5): S125".
- 148** **Title of the work:** Vino y Longevidad.  
**Name of the conference:** Programa Cátedra Ateneo 2003-2004.  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Valencia, Spain  
**Date of event:** 2003  
**End date:** 2003  
Viña, J.
- 149** **Title of the work:** 'Mitochondrial reactive oxygen species production in aging: Gender differences and redox sensitive signaling pathways'  
**Name of the conference:** Joint Meeting of the Oxygen Club of California and Universidad de Cadiz  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Cadiz, Spain  
**Date of event:** 2003  
**End date:** 2003  
Sastre J; Borrás C; García-Sala D; Lloret A; Pereda J; Gómez-Cabrera MC; Pallardó FV; Viña, J.
- 150** **Title of the work:** 'Role of mitochondria in the generation of oxidative stress in cells-relevance to ageing'  
**Name of the conference:** RECEPTOR AND CELL SIGNALING IN OXIDATIVE STRESS. Physiological Society Spring Workshop  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Budapest, Hungary  
**Date of event:** 2003  
**End date:** 2003  
Viña, J; Pallardó, F. V; Sastre, J.; Borrás, C.
- 151** **Title of the work:** 'Role of estrogens and phytoestrogens to increase average life span in mammals'  
**Name of the conference:** Free Radicals and oxidative stress: Chemistry, Biochemistry and Pathophysiological Implications. 2003 MEETING OF THE SOCIETY FOR FREE RADICAL RESEARCH-EUROPE  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Greece  
**Date of event:** 2003  
**End date:** 2003  
Viña, J; Borrás, C.; Pallardó, F. V; Sastre, J.

**152 Title of the work:** 'Free radicals produced in exhaustive exercise as signals in muscle cell function. Role of xanthine oxidase'

**Name of the conference:** OXIDANTS AND ANTIOXIDANTS IN BIOLOGY. Joint Meeting of the Oxygen Club of California and Universidad de Cádiz

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Cadiz, Spain

**Date of event:** 2003

**End date:** 2003

Gómez- Cabrera, M.C.; Royo, D.; García del Moral L; Royo, MD; Lloret, A.; Rus, AD; Borrás, C.; Pereda, J; Sastre, J.; Pallardó, F.V.; Viña, J.

**153 Title of the work:** 'Role of estrogens and phytoestrogens to increase average life span in mammals'

**Name of the conference:** Free Radicals and oxidative stress: Chemistry, Biochemistry and Pathophysiological Implications. 2003 MEETING OF THE SOCIETY FOR FREE RADICAL RESEARCH-EUROPE

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Greece

**Date of event:** 2003

**End date:** 2003

Viña, J; Borrás, C.; Pallardó, F. V; Sastre, J.

**154 Title of the work:** Oxidative stress in ageing: Critical importance of modulators of antioxidant and longevity genes.

**Name of the conference:** 1st Luso-Spanish Congress on Free Radicals

**Type of event:** Conference

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Coimbra, Portugal

**Date of event:** 2003

**End date:** 2003

Viña, J; Pallardó, F. V.; Sastre, J.; Lloret, A.; Borrás, C.; Gómez-Cabrera, M.C.

**155 Title of the work:** Oxidative stress, ageing and Alzheimer disease.

**Name of the conference:** 1st Luso-Spanish Congress on Free Radicals

**Type of event:** Conference

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Coimbra, Portugal

**Date of event:** 2003

**End date:** 2003

Sastre, J.; Lloret, A.; Royo, D.; Alguacil, P.; Pereda, J.; Ortí, R.; Pallardó, F. V.; Alonso, D.; Viña, J.

**156 Title of the work:** Role of MAP kinases in glutathione depletion during experimental acute pancreatitis.

**Name of the conference:** 3rd Meeting of Mediterranean Societies of Pancreatology

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Santiago de Compostela, Spain

**Date of event:** 2003

**End date:** 2003

Pereda J; Cerdá L; Sabater L; Cassinello N; Gómez-Cambronero L; Aparisi L; Calvete J; Pallardó FV; Lledó S; Viña J; Sastre J. "Pancreatology 2003; 3: 460."



- 157** **Title of the work:** 'Treatment of experimental acute pancreatitis by simultaneous inhibition of TNF-alfa production and xanthine oxidase activity: The role of mitogen activated protein kinases'  
**Name of the conference:** 3rd Meeting of Mediterranean Societies of Pancreatology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Santiago de Compostela, Spain  
**Date of event:** 2003  
**End date:** 2003  
Pereda J; Cerdá L; Sabater L; Cassinello N; Gómez-Cambronero L; Aparisi L; Calvete J; Pallardó FV; Lledó S; Viña J; Sastre J. "Pancreatology 2003; 3:460."
- 158** **Title of the work:** Treatment of experimental acute pancreatitis by simultaneous inhibition of TNF-alfa production and xanthine oxidase. Role of MAP kinases.  
**Name of the conference:** American Pancreatic Association 2003 Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Chicago, United States of America  
**Date of event:** 2003  
**End date:** 2003  
Pereda J; Sabater L; Cassinello N; Gómez-Cambronero L; Closa D; Folch E; Aparisi L; Calvete J; Cerdá M; Camps B; Pallardó FV; Lledó S; Viña J; Sastre J. "Pancreas 2003; 27: 400-401."
- 159** **Title of the work:** 'Inhibición de la producción de TNF-alfa y de la xantina oxidasa en la pancreatitis aguda. Efectos sobre ERK y JNK'.  
**Name of the conference:** VI Reunión Nacional de la Asociación Española de Gastroenterología  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Madrid, Spain  
**Date of event:** 2003  
**End date:** 2003  
Pereda J; Sabater L; Cassinello N; Doménech E; Gómez-Cambronero L; Closa D; Aparisi L; Calvete J; Camps B; Lledó S; Viña J; Sastre J.
- 160** **Title of the work:** 'Chemical intervention in SAM metabolism for modelling neurodegenerative diseases: an overview.'  
**Name of the conference:** THE SECOND INTERNATIONAL CONFERENCE ON SENESCENCE: THE SAM MODEL,  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Sapporo, Japan  
**Date of event:** 2003  
**End date:** 2003  
Boldyrev, A.; Fedorova, T; Stolinsky, S.; Borrás, C.; Sastre, J; Viña, J.
- 161** **Title of the work:** 'Liver mitochondria from female rats exhibit higher antioxidant gene expression and lower oxidative damage than from males: Role of estrogens.'  
**Name of the conference:** Meeting of the Physiological Society.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Londres, United Kingdom  
**Date of event:** 2003  
**End date:** 2003

Borrás, C.; Sastre, J; García-Sala, D; Lloret, A.; Pallardó, F. V.; Viña, J."J. Physiol. 547P, C117."

**162 Title of the work:** 'Key role of xanthine oxidase in weaned induce apoptosis in rat mammary gland'

**Name of the conference:** OXIDANTS AND ANTIOXIDANTS IN BIOLOGY. Joint Meeting of the Oxygen Club of California and Universidad de Cadiz.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Cadiz, Spain

**Date of event:** 2003

**End date:** 2003

Rus, D.; Royo, D; Lloret, A., Zaragoza R.; , Borrás, C.; Gómez-Cabrera MC; . Pereda, J.; García, C.; J Sastre .; Viña, JR.; A J Viña Pallardó, FV.

**163 Title of the work:** 'Applications of flow cytometry in the study of mitochondrial ageing'

**Name of the conference:** OXIDANTS AND ANTIOXIDANTS IN BIOLOGY. Joint Meeting of the Oxygen Club of California and Universidad de Cadiz

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Cadiz, Spain

**Date of event:** 2003

**End date:** 2003

Royo, D; Lloret, A., Gómez-Cabrera MC; .Rus, AD.; Borrás, C.; Pereda, J.; Sastre J.; J Pallardó, FV.; Viña, J.

**164 Title of the work:** 'Blockade of MAP kinase activation in acute pancreatitis by simultaneous inhibition of TNF-alfa production and xanthine oxidase'

**Name of the conference:** OXIDANTS AND ANTIOXIDANTS IN BIOLOGY. Joint Meeting of the Oxygen Club of California and Universidad de Cádiz

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Cadiz, Spain

**Date of event:** 2003

**End date:** 2003

Pereda, J.; Doménech, E.; Royo, D; ., Gómez-Cabrera, MC.; Lloret, A; Borrás, C., Rus, D.; Sabater, L; Aparisi, L.; J Viña. J Sastre.

**165 Title of the work:** 'Estudio del estrés oxidativo en sangre de pacientes con enfermedad de Alzheimer.Relación con el estado cognitivo y el tratamiento antioxidante'

**Name of the conference:** OXIDANTS AND ANTIOXIDANTS IN BIOLOGY. Joint Meeting of the Oxygen Club of California and Universidad de Cádiz

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Cadiz, Spain

**Date of event:** 2003

**End date:** 2003

Lloret, A., Royo, D; , Borrás, C.,; Gómez-Cabrera MC Pereda, J.; Rus, D.; Sastre J Pallardó, FV.; Alonso, MD; J Viña.

**166 Title of the work:** 'Xanthine oxidase inhibition with allopurinol prevents ERK1/2 and p38 phosphorylation and NF-Kappa B activation in rats exercised until exhaustion'

**Name of the conference:** OXIDANTS AND ANTIOXIDANTS IN BIOLOGY. Joint Meeting of the Oxygen Club of California and Universidad de Cádiz.



**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Cadiz, Spain

**Date of event:** 2003

**End date:** 2003

Gómez- Cabrera, M.C.; Royo, D.; Lloret, A.; Rus, AD; Borrás, C.; Pereda, J; Sastre, J.; Pallardó, F.V. Ji; LL; Viña, J.

- 167 Title of the work:** 'Gender differences in oxidative stress: liver mitochondria from female rats exhibit higher antioxidant gene expression and lower oxidative damage than males'

**Name of the conference:** RECEPTORS AND CELL SIGNALING IN OXIDATIVE STRESS. Physiological Society Spring Workshop

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Budapest, Hungary

**Date of event:** 2003

**End date:** 2003

Borrás, C.; García-Sala, Lloret, A.; Gómez-Cabrera, MC; Sastre, J.; Pallardó, F. V.; Mann, GE.; Viña, J.

- 168 Title of the work:** 'Regulation of telomerase activity in fibroblasts by reduced glutathione (GSH)'

**Name of the conference:** Free Radicals and Oxidative Stress: Chemistry, Biochemistry and Pathophysiological Implications. 2003 MEETING OF THE SOCIETY FOR FREE RADICAL RESEARCH-Europe meeting.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Greece

**Date of event:** 2003

**End date:** 2003

Borrás, C.; Esteve, J.; Royo, MD; Sastre, J; Torres, L.; Viña, J; Pallardó, F. V.

- 169 Title of the work:** 'Phytoestrogens from soy protect against oxidative stress by inducing antioxidant enzyme expression'

**Name of the conference:** OXIDANTS AND ANTIOXIDANTS IN BIOLOGY. Joint Meeting of the Oxygen Club of California and Universidad de Cádiz.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Cadiz, Spain

**Date of event:** 2003

**End date:** 2003

Borrás, C.; Royo, D.; Lloret, A.; Gómez- Cabrera, M.C.; Rus, AD; Pereda, J; Pallardó, F.V. Sastre, J.; Mann, GE; Viña, J.

- 170 Title of the work:** 'A new role of free radicals generated in exercise: Activation of MAP kinases and of NF-kappa B. Prevention by allopurinol.'

**Name of the conference:** Free Radicals and Oxidative Stress: Chemistry, Biochemistry and Pathophysiological Implications. 2003 MEETING OF THE SOCIETY FOR FREE RADICAL RESEARCH-Europe meeting.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Greece

**Date of event:** 2003

**End date:** 2003



Gómez-Cabrera, M.C.; Borrás, C.; Sastre, J; Pallardó, F. V; Viña, J.

### Works submitted to national or international seminars, workshops and/or courses

- 1** **Title of the work:** Estrogens and phytoestrogens exert their antioxidant actions by modulating gene expression- Importance in aging  
**Name of the event:** Oxidants and antioxidants in biology, Oxygen Club of California  
**Reasons for participation:** Speaker  
**City of event:** California, United States of America  
**Date of event:** 2004  
**End date:** 2004
- 2** **Title of the work:** Role of estrogens and phytoestrogens in longevity  
**Name of the event:** SFRR's 12th Biennial Meeting  
**Reasons for participation:** Speaker  
**City of event:** Buenos Aires, Argentina  
**Date of event:** 2004  
**End date:** 2004
- 3** **Title of the work:** Moderate exercise up-regulates the expression of antioxidant genes and of transcription factors for mitochondrial biogenesis. Oral antioxidant administration prevents it  
**Name of the event:** SFRR's 12th Biennial Meeting  
**Reasons for participation:** Speaker  
**City of event:** Buenos Aires, Argentina  
**Date of event:** 2004  
**End date:** 2004
- 4** **Title of the work:** Oestrogens increase life span and promote antioxidant protection by stimulating the transcription of antioxidant and other longevity genes  
**Name of the event:** Summer Meeting SFRR-Europe 2004 "Reactive oxygen species and antioxidants"  
**Reasons for participation:** Speaker  
**City of event:** Lodz, Poland  
**Date of event:** 2004  
**End date:** 2004
- 5** **Title of the work:** Papel de los estrógenos en la prevención del estrés oxidativo mitocondrial en el envejecimiento  
**Name of the event:** XXVII Congreso SEBBM.  
**Reasons for participation:** Speaker  
**City of event:** Lerida, Spain  
**Date of event:** 2004  
**End date:** 2004
- 6** **Title of the work:** Oxidative stress associated to different types of physical exercise Effect of natural and synthetic antioxidants  
**Name of the event:** 2nd Spanish and Portuguese Congress on Free Radicals.  
**Reasons for participation:** Speaker  
**City of event:** Bilbao, Spain  
**Date of event:** 2004  
**End date:** 2004



- 7** **Title of the work:** Effects of dietary soy isoflavones on eNOS and antioxidant gene expression and vascular reactivity in male rats  
**Name of the event:** PHYSIOLOGICAL SOCIETY MEETING AT KING'S COLLEGE LONDON  
**Reasons for participation:** Speaker  
**City of event:** London, United Kingdom  
**Date of event:** 2004  
**End date:** 2004
- 8** **Title of the work:** Oxidative stress in exercise. When do we have to provide antioxidant supplementation ?  
**Name of the event:** VI Congreso de Nutrición. La Actividad Física y los Suplementos.  
**Reasons for participation:** Speaker  
**City of event:** Ibiza, Spain  
**Date of event:** 2004  
**End date:** 2004

## Other achievements

### Scientific societies and professional associations

**Name of the society:** Presidente del "Instituto Gerontológico de la Comunidad Valenciana"

### Prizes, mentions and distinctions

- 1** **Description:** Premio a la Innovación en la investigación en enfermedad de Alzheimer  
**Awarding entity:** La Fundación 3M  
**Conferral date:** 2006
- 2** **Description:** Premio especial Nestlé sobre Nutrición Infantil  
**Awarding entity:** La Asociación Española de Pediatría  
**Conferral date:** 2004
- 3** **Description:** Premio SEGG de Investigación en Geriatria y Gerontología  
**Awarding entity:** La Sociedad Española de Geriatria y Gerontología  
**Conferral date:** 2004
- 4** **Description:** Premio Alberto Sols a la mejor labor investigadora  
**Awarding entity:** El Ilmo. Ayuntamiento de Sax  
**Conferral date:** 2004
- 5** **Description:** Premio Nacional de Investigación para en Envejecimiento  
**Awarding entity:** La Real Academia Nacional de Medicina  
**Conferral date:** 1998



- 6** **Description:** Premio Danone a la mejor trayectoria de investigación en Nutrición  
**Awarding entity:** El Instituto Danone  
**Conferral date:** 1998
- 7** **Description:** Premio Boehringer a la mejor investigación en Bioquímica realizada en España por un investigador de menos de 35 años  
**Awarding entity:** Sociedad Española de Bioquímica.  
**Conferral date:** 1985
- 8** **Description:** Premio Extraordinario del Doctorado  
**Awarding entity:** Universidad Valencia  
**Conferral date:** 1979
- 9** **Description:** Science and Humanity Award  
**Awarding entity:** Otorgado por The Oxygen Club of California en 2012
- 10** **Description:** Premio de Investigación de la Fundación Fundolor ¿Investigación Fundación Fundolor 2013¿  
**Awarding entity:** Fundación Fundolor

### Summary of other achievements

- 1** **Description of the achievement:** Editor académico de Free Radical Research  
**Conferral date:** 2012
- 2** **Description of the achievement:** Presidente de la Society for Free Radical Research (Europe)  
**Conferral date:** 1997
- 3** **Description of the achievement:** Director de la Escuela Universitaria de Enfermería "Nuestra Señora de los Desamparados". Universidad de Valencia  
**Conferral date:** 1996
- 4** **Description of the achievement:** Miembro del Comité Editorial de la revista Free Radicals in Biology and Medicine  
**Conferral date:** 1995
- 5** **Description of the achievement:** Research lines: Líneas de investigación Breve descripción, por medio de palabras claves, de la especialización y líneas de investigación actuales. Radicales libres, Estrés oxidativo, Glutación, Mitocondria, Envejecimiento, Alzheimer, Ejercicio físico ; --
- 6** **Description of the achievement:** Miembro del Comité Editorial de la revista IUBMB Life
- 7** **Description of the achievement:** Miembro del Comité Editorial de la revista Biochemistry and Molecular Biology Education (BAMBEd)
- 8** **Description of the achievement:** Editor académico de PLoS ONE



**9 Description of the achievement: MIEMBRO DEL COMITÉ EDITORIAL DE LAS SIGUIENTES REVISTAS:**

-Free Radicals in Biology and Medicine (1995 - 2000) - IUBMB Life - Biochemistry and Molecular Biology Education (BAMBE) -Free Radical Research

El Prof. Viña fue nombrado Académico de Honor de la Academia de Medicina de Torino, Italia el 14 de diciembre de 2007

El Prof. Viña fue nombrado Doctor Honoris Causa de la Universidad de Buenos Aires, Argentina, en noviembre 2008.

El Prof. Viña fue nombrado miembro de la Real Academia de Medicina de Valencia en 2008

El Prof. Viña fue nombrado Académico de Mérito de la Real Academia de Medicina y Cirugía de Cádiz el 14 de abril de 2009

El Prof. Viña fue nombrado Doctor Honoris Causa de la Universidad de Rennes, Francia, en mayo 2012

El Prof. Viña ganó la Science and Humanity Award otorgado por The Oxygen Club de California en junio de 2012

El Patronato de FUNDOLOR, en su última reunión celebrada en Julio de 2013 otorgó por unanimidad el premio INVESTIGACION FUNDOLOR 2013 al Dr. José Viña por su 'Fomento de la investigación en envejecimiento saludable para prevención del Dolor Crónico'.

Prof Viña was awarded the title of PABMB Plenary Lecturer by the Pan-American Association for Biochemistry and Molecular Biology at the XVIII Congress of the Portuguese Biochemical Society held in Coimbra, Portugal, in December 2014.

La Asociación Pan-Americana de Bioquímica y Biología Molecular nombró al Prof. Viña Ponente Plenaria PABMB en el XVIII Congreso de la Sociedad Portuguesa de Bioquímica celebrado en Coimbra, Portugal, en diciembre de 2014

El Prof. Viña ha ganado la Medalla Albert Struyvenberg otorgado por el European Society for Clinical Investigation (ESCI) 2017.

MIEMBRO DEL COMITÉ EDITORIAL DE LAS SIGUIENTES REVISTAS: -Free Radicals in Biology and Medicine (1995 - 2000) - IUBMB Life - Biochemistry and Molecular Biology Education (BAMBE) -Free Radical Research

El Prof. Viña fue nombrado Académico de Honor de la Academia de Medicina de Torino, Italia el 14 de diciembre de 2007

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El Prof. Viña, junto con su equipo compuesto por Raúl López Grueso, Juan Gambini, Kheira M. Abdelaziz, Daniel Monleón, Ana Díaz, Marya El Alami, Vicent Bonet Costa y Consuelo Borrás Blasco, les fue concedido el Premio de Investigación "Fundación Envejecimiento y Salud 2015" por el mejor artículo publicado en la revista indexada Antioxidants and Redox Signaling. Volume 20, Number 2, 2014 titulado: "Early, but not late onset estrogen replacement therapy prevents oxidative stress and metabolic alterations caused by ovariectomy".

**10 Description of the achievement: El Dr. José Viña fue galardonado con la Medalla Albert Struyvenberg de la European Society for Clinical Investigation**