Jose Vina

List of Publications by Year in descending order

297 papers	23,256 citations	6323 78 h-index	8857 139 g-index
340 all docs	340 docs citations	340 times ranked	23398 citing authors

#	Article	IF	Citations
1	Physical Interventions Restore Physical Frailty and the Expression of CXCL-10 and IL-1Î² Inflammatory Biomarkers in Old Individuals and Mice. Biomolecules, 2024, 14, 166.	4.1	2
2	Multimodal cell atlas of the ageing human skeletal muscle. Nature, 2024, 629, 154-164.	35.3	5
3	Effect of Familial Longevity on Frailty and Sarcopenia: A Caseâ€“Control Study. International Journal of Environmental Research and Public Health, 2023, 20, 1534.	2.7	1
4	Glucose 6-P Dehydrogenase Overexpression Improves Aging-Induced Endothelial Dysfunction in Aorta from Mice: Role of Arginase II. International Journal of Molecular Sciences, 2023, 24, 3622.	4.1	1
5	Plasma acylcarnitines and gutâ€derived aromatic amino acids as sexâ€specific hub metabolites of the human aging metabolome. Aging Cell, 2023, 22, .	6.7	5
6	Pomegranate Extract Administration Reverses Loss of Motor Coordination and Prevents Oxidative Stress in Cerebellum of Aging Mice. Antioxidants, 2023, 12, 1991.	5.1	0
7	Glucosamine Supplementation Improves Physical Performance in Trained Mice. Medicine and Science in Sports and Exercise, 2022, 54, 466-474.	0.4	4
8	Blood DNA Methylation Patterns in Older Adults With Evolving Dementia. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1743-1749.	3.7	15
9	The multimodal action of genistein in Alzheimer's and other age-related diseases. Free Radical Biology and Medicine, 2022, 183, 127-137.	4.4	29
10	Genistein, a tool for geroscience. Mechanisms of Ageing and Development, 2022, 204, 111665.	4.6	15
11	Long-lived Humans Have a Unique Plasma Sphingolipidome. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 728-735.	3.7	8
12	Adult Neural Stem Cell Migration Is Impaired in a Mouse Model of Alzheimerâ€™s Disease. Molecular Neurobiology, 2022, 59, 1168-1182.	4.1	10
13	Multimodal strategy to rescue the brain in mild cognitive impairment: Ketogenic oral nutrition supplementation with B vitamins and aerobic exercise. European Journal of Clinical Investigation, 2022, 52, e13806.	3.4	6
14	Effects of GH on the Aging Process in Several Organs: Mechanisms of Action. International Journal of Molecular Sciences, 2022, 23, 7848.	4.1	2
15	Glucose 6-P Dehydrogenaseâ€”An Antioxidant Enzyme with Regulatory Functions in Skeletal Muscle during Exercise. Cells, 2022, 11, 3041.	4.2	8
16	Small extracellular vesicles from young adipose-derived stem cells prevent frailty, improve health span, and decrease epigenetic age in old mice. Science Advances, 2022, 8, .	10.7	45
17	Real-Life Outcomes of a Multicomponent Exercise Intervention in Community-Dwelling Frail Older Adults and Its Association with Nutritional-Related Factors. Nutrients, 2022, 14, 5147.	4.1	2
18	Adolescent bingeâ€ethanol accelerates cognitive impairment and Î²â€amyloid production and dysregulates endocannabinoid signaling in the hippocampus of APP/PSE mice. Addiction Biology, 2021, 26, e12883.	2.6	20

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19	Methionine transsulfuration pathway is upregulated in long-lived humans. Free Radical Biology and Medicine, 2021, 162, 38-52.	4.4	24
20	Bcl-xL as a Modulator of Senescence and Aging. International Journal of Molecular Sciences, 2021, 22, 1527.	4.1	22
21	Overexpression of glucose 6 phosphate dehydrogenase preserves mouse pancreatic beta cells function until late in life. Free Radical Biology and Medicine, 2021, 164, 149-153.	4.4	4
22	Moderate Red Wine Consumption Increases the Expression of Longevity-Associated Genes in Controlled Human Populations and Extends Lifespan in Drosophila melanogaster. Antioxidants, 2021, 10, 301.	5.1	13
23	A robust machine learning framework to identify signatures for frailty: a nested case-control study in four aging European cohorts. GeroScience, 2021, 43, 1317-1329.	4.7	36
24	Implementing Precision Medicine in Human Frailty through Epigenetic Biomarkers. International Journal of Environmental Research and Public Health, 2021, 18, 1883.	2.7	6
25	Targeting Alzheimerâ€™s disease with multimodal polypeptide-based nanoconjugates. Science Advances, 2021, 7, .	10.7	33
26	Healthcare for Older Adults, Where Are We Moving towards?. International Journal of Environmental Research and Public Health, 2021, 18, 6219.	2.7	2
27	Redox-related biomarkers in physical exercise. Redox Biology, 2021, 42, 101956.	9.0	42
28	Estrogen Replacement Therapy Induces Antioxidant and Longevity-Related Genes in Women after Medically Induced Menopause. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-9.	4.1	16
29	Lipid peroxidation as measured by chromatographic determination of malondialdehyde. Human plasma reference values in health and disease. Archives of Biochemistry and Biophysics, 2021, 709, 108941.	3.1	146
30	IDENTIFYING BIOMARKERS FOR BIOLOGICAL AGE: GEROSCIENCE AND THE ICFSR TASK FORCE. Journal of Frailty & Aging,the, 2021, 10, 1-6.	1.4	20
31	Towards a large-scale assessment of the relationship between biological and chronological aging: The INSPIRE Mouse Cohort. Journal of Frailty & Aging,the, 2021, 10, 1-11.	1.4	10
32	Glucose 6â€P dehydrogenase delays the onset of frailty by protecting against muscle damage. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1879-1896.	7.3	11
33	Lifelong soya consumption in males does not increase lifespan but increases health span under a metabolic stress such as type 2 diabetes mellitus. Mechanisms of Ageing and Development, 2021, 200, 111596.	4.6	3
34	Centenarians: An excellent example of resilience for successful ageing. Mechanisms of Ageing and Development, 2020, 186, 111199.	4.6	59
35	Extracellular vesicles and redox modulation in aging. Free Radical Biology and Medicine, 2020, 149, 44-50.	4.4	32
36	Redox modulation of muscle mass and function. Redox Biology, 2020, 35, 101531.	9.0	31

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37	Extracellular Vesicles from Healthy Cells Improves Cell Function and Stemness in Premature Senescent Stem Cells by miR-302b and HIF-1Î± Activation. Biomolecules, 2020, 10, 957.	4.1	42
38	Physical exercise in the prevention and treatment of Alzheimer's disease. Journal of Sport and Health Science, 2020, 9, 394-404.	7.0	284
39	Garcinoic acid prevents Î²-amyloid (AÎ²) deposition in the mouse brain. Journal of Biological Chemistry, 2020, 295, 11866-11876.	3.4	18
40	Early reductive stress and late onset overexpression of antioxidant enzymes in experimental myocardial infarction. Free Radical Research, 2020, 54, 173-184.	3.2	12
41	Modulating Oxidant Levels to Promote Healthy Aging. Antioxidants and Redox Signaling, 2020, 33, 570-579.	5.4	16
42	BCL-xL, a Mitochondrial Protein Involved in Successful Aging: From C. elegans to Human Centenarians. International Journal of Molecular Sciences, 2020, 21, 418.	4.1	28
43	Evaluation of an Antioxidant and Anti-inflammatory Cocktail Against Human Hypoactivity-Induced Skeletal Muscle Deconditioning. Frontiers in Physiology, 2020, 11, 71.	2.8	39
44	A Novel Micronutrient Blend Mimics Calorie Restriction Transcriptomics in Multiple Tissues of Mice and Increases Lifespan and Mobility in C. elegans. Nutrients, 2020, 12, 486.	4.1	4
45	Centenarians Overexpress Pluripotency-Related Genes. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1391-1395.	3.7	14
46	Oral Monosodium Glutamate Administration Causes Early Onset of Alzheimerâ€™s Disease-Like Pathophysiology in APP/PS1 Mice. Journal of Alzheimer's Disease, 2019, 72, 957-975.	2.7	11
47	Reversal of age-associated frailty by controlled physical exercise: The pre-clinical and clinical evidences. Sports Medicine and Health Science, 2019, 1, 33-39.	2.1	13
48	Relation Between Genetic Factors and Frailty in Older Adults. Journal of the American Medical Directors Association, 2019, 20, 1451-1457.	2.5	15
49	Sex Differences in Age-Associated Type 2 Diabetes in Ratsâ€”Role of Estrogens and Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.1	54
50	Moderate Exercise Improves Experimental Cancer Cachexia by Modulating the Redox Homeostasis. Cancers, 2019, 11, 285.	3.8	57
51	Redox lipidomics to better understand brain aging and function. Free Radical Biology and Medicine, 2019, 144, 310-321.	4.4	29
52	A New Functional Classification Based on Frailty and Disability Stratifies the Risk for Mortality Among Older Adults: The FRADEA Study. Journal of the American Medical Directors Association, 2019, 20, 1105-1110.	2.5	40
53	Relevance of Oxygen Concentration in Stem Cell Culture for Regenerative Medicine. International Journal of Molecular Sciences, 2019, 20, 1195.	4.1	157
54	Copenhagen Consensus statement 2019: physical activity and ageing. British Journal of Sports Medicine, 2019, 53, 856-858.	8.5	158

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55	The free radical theory of frailty: Mechanisms and opportunities for interventions to promote successful aging. Free Radical Biology and Medicine, 2019, 134, 690-694.	4.4	35
56	Sarcopenia, frailty and their prevention by exercise. Free Radical Biology and Medicine, 2019, 132, 42-49.	4.4	213
57	Exceptional human longevity is associated with a specific plasma phenotype of ether lipids. Redox Biology, 2019, 21, 101127.	9.0	57
58	Allopurinol partially prevents disuse muscle atrophy in mice and humans. Scientific Reports, 2018, 8, 3549.	3.4	29
59	Shifts in gut microbiota composition in an APP/PSS1 transgenic mouse model of Alzheimer's disease during lifespan. Letters in Applied Microbiology, 2018, 66, 464-471.	2.2	189
60	IdentificaciÃ³n de polimorfismos de un solo nucleÃ³tido relacionados con la fragilidad. Revista Espanola De Geriatria Y Gerontologia, 2018, 53, 202-207.	0.4	2
61	Frailty Quantified by the â€œValencia Scoreâ€•as a Potential Predictor of Lifespan in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1323-1329.	3.7	38
62	Mitochondria and Ageing. , 2018, , 33-45.		1
63	Role of the aryl hydrocarbon receptor (AhR) signaling pathway in exceptional longevity in humans. Free Radical Biology and Medicine, 2018, 120, S109-S110.	4.4	0
64	Key Messages for a Frailty Prevention and Management Policy in Europe from the Advantage Joint Action Consortium. Journal of Nutrition, Health and Aging, 2018, 22, 892-897.	3.5	37
65	A free radical theory of frailty. Free Radical Biology and Medicine, 2018, 124, 358-363.	4.4	79
66	Alzheimer's disease: Only prevention makes sense. European Journal of Clinical Investigation, 2018, 48, e13005.	3.4	42
67	Resveratrol in Experimental Models and Humans. , 2018, , 1143-1156.		0
68	Brain-Derived Neurotrophic Factor as a Marker of Cognitive Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw145.	3.7	3
69	A Stress-Resistant Lipidomic Signature Confers Extreme Longevity to Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 30-37.	3.7	60
70	A New Frailty Score for Experimental Animals Based on the Clinical Phenotype: Inactivity as a Model of Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 885-891.	3.7	68
71	Role of p16INK4a and BMI-1 in oxidative stress-induced premature senescence in human dental pulp stem cells. Redox Biology, 2017, 12, 690-698.	9.0	43
72	Circulating miRNAs and miRNA shuttles as biomarkers: Perspective trajectories of healthy and unhealthy aging. Mechanisms of Ageing and Development, 2017, 165, 162-170.	4.6	98

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73	Reply from Mari Carmen Gomezâ€Cabrera and Jose ViÃ±a. Journal of Physiology, 2017, 595, 5715-5715.	2.8	0
74	New Functions of APC/C Ubiquitin Ligase in the Nervous System and Its Role in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2017, 18, 1057.	4.1	25
75	Role of Redox Signaling and Inflammation in Skeletal Muscle Adaptations to Training. Antioxidants, 2016, 5, 48.	5.1	36
76	Exercise: the lifelong supplement for healthy ageing and slowing down the onset of frailty. Journal of Physiology, 2016, 594, 1989-1999.	2.8	68
77	Clearing Amyloid-Î² through PPARÎ³/ApoE Activation by Genistein is a Treatment of Experimental Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 51, 701-711.	2.7	79
78	Exercise training as a drug to treat age associated frailty. Free Radical Biology and Medicine, 2016, 98, 159-164.	4.4	28
79	Role of NAD+/NADH redox ratio in cell metabolism. Archives of Biochemistry and Biophysics, 2016, 595, 176-180.	3.1	12
80	IdentificaciÃ³n de polimorfismos de nucleÃ³tido simple en centenarios. Revista Espanola De Geriatria Y Gerontologia, 2016, 51, 146-149.	0.4	6
81	Biology of frailty: Modulation of ageing genes and its importance to prevent age-associated loss of function. Molecular Aspects of Medicine, 2016, 50, 88-108.	6.6	61
82	G6PD protects from oxidative damage and improves healthspan in mice. Nature Communications, 2016, 7, 10894.	12.8	190
83	AÎ² Induces Excitotoxicity Mediated by APC/C-Cdh1 Depletion That Can Be Prevented by Glutaminase Inhibition Promoting Neuronal Survival. Scientific Reports, 2016, 6, 31158.	3.4	36
84	Special Issue â€œHuman performance and redox signaling in health and diseaseâ€: Free Radical Biology and Medicine, 2016, 98, 1.	4.4	0
85	ICC-dementia (International Centenarian Consortium - dementia): an international consortium to determine the prevalence and incidence of dementia in centenarians across diverse ethnoracial and sociocultural groups. BMC Neurology, 2016, 16, 52.	1.8	28
86	PTEN recruitment controls synaptic and cognitive function in Alzheimer's models. Nature Neuroscience, 2016, 19, 443-453.	14.3	124
87	A Multicomponent Exercise Intervention that Reverses Frailty and Improves Cognition, Emotion, and Social Networking in the Community-Dwelling Frail Elderly: A Randomized Clinical Trial. Journal of the American Medical Directors Association, 2016, 17, 426-433.	2.5	387
88	Oxidative signature of cerebrospinal fluid from mild cognitive impairment and Alzheimer disease patients. Free Radical Biology and Medicine, 2016, 91, 1-9.	4.4	79
89	Response to Vidal and Colleagues. Journal of the American Geriatrics Society, 2015, 63, 838-839.	2.9	0
90	Laboratory biomarkers and frailty: presentation of the FRAILOMIC initiative. Clinical Chemistry and Laboratory Medicine, 2015, 53, e253-5.	2.3	18

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91	Methodological considerations to determine the effect of exercise on brain-derived neurotrophic factor levels. Clinical Biochemistry, 2015, 48, 162-166.	2.0	33
92	Redox modulation of mitochondriogenesis in exercise. Does antioxidant supplementation blunt the benefits of exercise training?. Free Radical Biology and Medicine, 2015, 86, 37-46.	4.4	149
93	Molecular mechanisms linking amyloid Î² toxicity and Tau hyperphosphorylation in Alzheimer×³s disease. Free Radical Biology and Medicine, 2015, 83, 186-191.	4.4	106
94	Allopurinol prevents cardiac and skeletal muscle damage in professional soccer players. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e110-5.	2.8	36
95	Metabolomic analysis of long-term spontaneous exercise in mice suggests increased lipolysis and altered glucose metabolism when animals are at rest. Journal of Applied Physiology, 2014, 117, 1110-1119.	2.6	36
96	PTEN Mediates the Antioxidant Effect of Resveratrol at Nutritionally Relevant Concentrations. BioMed Research International, 2014, 2014, 1-6.	1.9	41
97	Activation of p38, p21, and NRF-2 Mediates Decreased Proliferation of Human Dental Pulp Stem Cells Cultured under 21% O2. Stem Cell Reports, 2014, 3, 566-573.	4.7	31
98	Exome sequencing of three cases of familial exceptional longevity. Aging Cell, 2014, 13, 1087-1090.	6.7	17
99	Inactivityâ€induced oxidative stress: A central role in ageâ€related sarcopenia?. European Journal of Sport Science, 2014, 14, S98-108.	2.6	79
100	Growth Hormone Replacement Therapy Prevents Sarcopenia by a Dual Mechanism: Improvement of Protein Balance and of Antioxidant Defenses. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 1186-1198.	3.7	64
101	Decreased cell proliferation and higher oxidative stress in fibroblasts from Down Syndrome fetuses. Preliminary study. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 116-125.	3.7	48
102	Physical exercise neuroprotects ovariectomized 3xTg-AD mice through BDNF mechanisms. Psychoneuroendocrinology, 2014, 45, 154-166.	2.7	58
103	Prevalencia de sarcopenia en consultas de geriatrÃa y residencias. Estudio ELLI. Revista Espanola De Geriatria Y Gerontologia, 2014, 49, 72-76.	0.4	8
104	Alopurinol y su papel en el tratamiento de la sarcopenia. Revista Espanola De Geriatria Y Gerontologia, 2014, 49, 292-298.	0.4	11
105	Melatonin and oestrogen treatments were able to improve neuroinflammation and apoptotic processes in dentate gyrus of old ovariectomized female rats. Age, 2014, 36, 9707.	2.9	47
106	Oxidative Stress Is Related to Frailty, Not to Age or Sex, in a Geriatric Population: Lipid and Protein Oxidation as Biomarkers of Frailty. Journal of the American Geriatrics Society, 2014, 62, 1324-1328.	2.9	125
107	Early, But Not Late Onset Estrogen Replacement Therapy Prevents Oxidative Stress and Metabolic Alterations Caused by Ovariectomy. Antioxidants and Redox Signaling, 2014, 20, 236-246.	5.4	57
108	AÎ² and tau toxicities in Alzheimerâ€™s are linked via oxidative stress-induced p38 activation: Protective role of vitamin E. Redox Biology, 2014, 2, 873-877.	9.0	220

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109	Roles of sedentary aging and lifelong physical activity in exchange of glutathione across exercising human skeletal muscle. Free Radical Biology and Medicine, 2014, 73, 166-173.	4.4	48
110	Histone H3 Glutathionylation in Proliferating Mammalian Cells Destabilizes Nucleosomal Structure. Antioxidants and Redox Signaling, 2013, 19, 1305-1320.	5.4	89
111	The Free Radical Theory of Aging Revisited: The Cell Signaling Disruption Theory of Aging. Antioxidants and Redox Signaling, 2013, 19, 779-787.	5.4	183
112	Life-long spontaneous exercise does not prolong lifespan but improves health span in mice. Longevity & Healthspan, 2013, 2, 14.	7.7	77
113	The mechanism of the antioxidant effect of smoked paprika from La Vera, Spain. CYTA - Journal of Food, 2013, 11, 114-118.	1.9	2
114	Searching for an Operational Definition of Frailty: A Delphi Method Based Consensus Statement. The Frailty Operative Definition-Consensus Conference Project. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 62-67.	3.7	923
115	Exercise and antioxidant supplements in the elderly. Journal of Sport and Health Science, 2013, 2, 94-100.	7.0	25
116	Resveratrol: distribuciÃ³n, propiedades y perspectivas. Revista Espanola De Geriatria Y Gerontologia, 2013, 48, 79-88.	0.4	46
117	Effects of acute exercise and xanthine oxidase inhibition on novel cardiovascular biomarkers. Translational Research, 2013, 162, 102-109.	5.1	17
118	Reductive stress in young healthy individuals at risk of Alzheimer disease. Free Radical Biology and Medicine, 2013, 63, 274-279.	4.4	42
119	Overweight, Obesity, and All-Cause Mortality. JAMA - Journal of the American Medical Association, 2013, 309, 1679.	6.9	9
120	Role of oestrogens on oxidative stress and inflammation in ageing. Hormone Molecular Biology and Clinical Investigation, 2013, 16, 65-72.	0.7	23
121	Antioxidant supplements in exercise: worse than useless?. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E476-E477.	3.7	70
122	Lymphocytes from Young Healthy Persons Carrying the ApoE4 Allele Overexpress Stress-Related Proteins Involved in the Pathophysiology of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, 77-83.	2.7	25
123	Centenarians, but not octogenarians, up-regulate the expression of microRNAs. Scientific Reports, 2012, 2, 961.	3.4	87
124	Mitochondria as sources and targets of damage in cellular aging. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1287-95.	2.3	66
125	Efecto del ejercicio fÃsico sobre las alteraciones cognitivas y el estrÃ©s oxidativo en un modelo transgÃ©nico APP/PSN1 para la enfermedad de Alzheimer. Revista Espanola De Geriatria Y Gerontologia, 2012, 47, 198-204.	0.4	7
126	Circadian System Functionality, Hippocampal Oxidative Stress, and Spatial Memory in the APPswe/PS1dE9 Transgenic Model of Alzheimer Disease: Effects of Melatonin or Ramelteon. Chronobiology International, 2012, 29, 822-834.	1.9	44

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127	Epigenetic biomarkers: A new perspective in laboratory diagnostics. Clinica Chimica Acta, 2012, 413, 1576-1582.	1.6	46
128	Vitamin C Supplementation Does not Improve Hypoxia-Induced Erythropoiesis. High Altitude Medicine and Biology, 2012, 13, 269-274.	1.1	3
129	Three weeks of erythropoietin treatment hampers skeletal muscle mitochondrial biogenesis in rats. Journal of Physiology and Biochemistry, 2012, 68, 593-601.	3.0	7
130	Age associated low mitochondrial biogenesis may be explained by lack of response of PGC-1Î± to exercise training. Age, 2012, 34, 669-679.	2.9	111
131	Histone carbonylation occurs in proliferating cells. Free Radical Biology and Medicine, 2012, 52, 1453-1464.	4.4	30
132	Intermittent hypobaric hypoxia applicability in myocardial infarction prevention and recovery. Journal of Cellular and Molecular Medicine, 2012, 16, 1150-1154.	3.5	14
133	Age-dependent changes in the transcription profile of long-lived Drosophila over-expressing glutamate cysteine ligase. Mechanisms of Ageing and Development, 2012, 133, 401-413.	4.6	16
134	Inhibition of Xanthine Oxidase by Allopurinol Prevents Skeletal Muscle Atrophy: Role of p38 MAPKinase and E3 Ubiquitin Ligases. PLoS ONE, 2012, 7, e46668.	2.5	94
135	Is antioxidant therapy effective to treat alzheimer's disease?. Free Radicals and Antioxidants, 2011, 1, 8-14.	0.3	3
136	The dual role of p53: DNA protection and antioxidant. Free Radical Research, 2011, 45, 643-652.	3.2	50
137	Free [NADH]/[NAD+] regulates sirtuin expression. Archives of Biochemistry and Biophysics, 2011, 512, 24-29.	3.1	43
138	La eclosiÃ³n de la sarcopenia: Informe preliminar del Observatorio de la Sarcopenia de la Sociedad EspaÃ±ola de GeriatrÃa y GerontologÃa. Revista Espanola De Geriatria Y Gerontologia, 2011, 46, 100-110.	0.4	28
139	Amyloid-Î² Toxicity and Tau Hyperphosphorylation are Linked Via RCAN1 in Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 27, 701-709.	2.7	127
140	Different types of storage devices for blood transportation in the anti-doping field. Clinical Biochemistry, 2011, 44, 1361.	2.0	1
141	Effect of Glutathione on Canine Myocardial Ischaemia Without Reperfusion. Journal of Pharmacy and Pharmacology, 2011, 45, 298-302.	2.6	6
142	Interaction between 24-hydroxycholesterol, oxidative stress, and amyloid-Î² in amplifying neuronal damage in Alzheimerâ€™s disease: three partners in crime. Aging Cell, 2011, 10, 403-417.	6.7	87
143	The loss of muscle mass and sarcopenia: Non hormonal intervention. Experimental Gerontology, 2011, 46, 967-969.	2.8	23
144	Living at high altitude in combination with sea-level sprint training increases hematological parameters but does not improve performance in rats. European Journal of Applied Physiology, 2011, 111, 1147-1156.	2.4	15

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145	Biogerontology in Spain: the most significant studies. Biogerontology, 2011, 12, 77-81.	4.1	0
146	Mitochondrial biogenesis fails in secondary biliary cirrhosis in rats leading to mitochondrial DNA depletion and deletions. American Journal of Physiology - Renal Physiology, 2011, 301, G119-G127.	3.5	45
147	Repeated muscle biopsies through a single skin incision do not elicit muscle signaling, but IL-6 mRNA and STAT3 phosphorylation increase in injured muscle. Journal of Applied Physiology, 2011, 110, 1708-1715.	2.6	41
148	Antioxidant Pathways in Alzheimers Disease: Possibilities of Intervention. Current Pharmaceutical Design, 2011, 17, 3861-3864.	1.8	53
149	Current limitations of the Athlete's Biological Passport use in sports. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1413-5.	2.3	32
150	Rapid hemodilution induced by desmopressin after erythropoietin administration in humans. Journal of Human Sport and Exercise, 2011, 6, 315-322.	0.4	5
151	It is not hypoxia itself, but how you use it. European Journal of Applied Physiology, 2010, 109, 355-356.	2.4	5
152	Alternate methods to prevent protease use as a masking agent in sport. Journal of Science and Medicine in Sport, 2010, 13, 473-474.	1.2	3
153	Estradiol or genistein prevent Alzheimer's disease-associated inflammation correlating with an increase PPARÎ³ expression in cultured astrocytes. Brain Research, 2010, 1312, 138-144.	2.3	169
154	Xanthine oxidase-induced oxidative stress causes activation of NF-Î°B and inflammation in the liver of type I diabetic rats. Free Radical Biology and Medicine, 2010, 49, 171-177.	4.4	90
155	The hybrid algorithm (Hbmr) to fight against blood doping in sports. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 789-790.	2.8	5
156	Women Live Longer than Men: Understanding Molecular Mechanisms Offers Opportunities to Intervene by Using Estrogenic Compounds. Antioxidants and Redox Signaling, 2010, 13, 269-278.	5.4	47
157	Why Women Have More Alzheimer's Disease Than Men: Gender and Mitochondrial Toxicity of Amyloid-Î²2 Peptide. Journal of Alzheimer's Disease, 2010, 20, S527-S533.	2.7	372
158	Effect of xanthine oxidase-generated extracellular superoxide on skeletal muscle force generation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R2-R8.	1.8	60
159	Desmopresssin and Hemodilution: Implications in Doping. International Journal of Sports Medicine, 2010, 31, 5-9.	1.8	33
160	Role of glutathione in cell nucleus. Free Radical Research, 2010, 44, 721-733.	3.2	52
161	Mitochondrial DNA sequences are present inside nuclear DNA in rat tissues and increase with age. Mitochondrion, 2010, 10, 479-486.	3.5	53
162	Direct antioxidant and protective effect of estradiol on isolated mitochondria. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 205-211.	3.7	180

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163	El envejecimiento y la ovariectomÃa causan una disminuciÃ³n del consumo cerebral de glucosa in vivo en ratas Wistar. Revista Espanola De Geriatria Y Gerontologia, 2010, 45, 136-140.	0.4	11
164	Estrogenic Modulation of Longevity by Induction of Antioxidant Enzymes. , 2010, , 119-128.		0
165	The Depletion of Nuclear Glutathione Impairs Cell Proliferation in 3t3 Fibroblasts. PLoS ONE, 2009, 4, e6413.	2.5	92
166	Interplay of Oxidants and Antioxidants During Exercise: Implications for Muscle Health. Physician and Sportsmedicine, 2009, 37, 116-123.	2.2	64
167	Antiâ€aging activity of the Ink4/Arf locus. Aging Cell, 2009, 8, 152-161.	6.7	92
168	Mitochondrial biogenesis in exercise and in ageingâ¯†. Advanced Drug Delivery Reviews, 2009, 61, 1369-1374.	14.0	199
169	Role of nuclear glutathione as a key regulator of cell proliferation. Molecular Aspects of Medicine, 2009, 30, 77-85.	6.6	158
170	Cellular Compartmentalization of Glutathione. , 2009, , 35-45.		2
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