

Federico V PallardÃ³

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8959717/publications.pdf>

Version: 2024-02-01

199
papers

14,079
citations

20759

60
h-index

22764

112
g-index

207
all docs

207
docs citations

207
times ranked

16767
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives and future directions of translational epigenetics in personalized and precision medicine. , 2022, , 1-18.		0
2	Clinical and immunological aspects of microRNAs in neonatal sepsis. Biomedicine and Pharmacotherapy, 2022, 145, 112444.	2.5	7
3	Therapeutic Strategies Targeting Mitochondrial Calcium Signaling: A New Hope for Neurological Diseases?. Antioxidants, 2022, 11, 165.	2.2	18
4	Characterization of Early Peripheral Immune Responses in Patients with Sepsis and Septic Shock. Biomedicines, 2022, 10, 525.	1.4	7
5	Friedreich Ataxia: current state-of-the-art, and future prospects for mitochondrial-focused therapies. Translational Research, 2021, 229, 135-141.	2.2	11
6	PPAR gamma agonist leriglitazone improves frataxin-loss impairments in cellular and animal models of Friedreich Ataxia. Neurobiology of Disease, 2021, 148, 105162.	2.1	33
7	Potential roles of mitochondrial cofactors in the adjuvant mitigation of proinflammatory acute infections, as in the case of sepsis and COVID-19 pneumonia. Inflammation Research, 2021, 70, 159-170.	1.6	17
8	DNA Methylation Analysis to Unravel Altered Genetic Pathways Underlying Early Onset and Late Onset Neonatal Sepsis. A Pilot Study. Frontiers in Immunology, 2021, 12, 622599.	2.2	14
9	Implementing Precision Medicine in Human Frailty through Epigenetic Biomarkers. International Journal of Environmental Research and Public Health, 2021, 18, 1883.	1.2	5
10	Re-definition and supporting evidence toward Fanconi Anemia as a mitochondrial disease: Prospects for new design in clinical management. Redox Biology, 2021, 40, 101860.	3.9	5
11	Role of microRNAs As Biomarkers in Sepsis-Associated Encephalopathy. Molecular Neurobiology, 2021, 58, 4682-4693.	1.9	21
12	Cofilin and Neurodegeneration: New Functions for an Old but Gold Protein. Brain Sciences, 2021, 11, 954.	1.1	6
13	Oxidative stress-mediated alterations in histone post-translational modifications. Free Radical Biology and Medicine, 2021, 170, 6-18.	1.3	34
14	Role of non-coding RNAs as biomarkers of deleterious cardiovascular effects in sepsis. Progress in Cardiovascular Diseases, 2021, 68, 70-77.	1.6	12
15	IGF-1 Haploinsufficiency Causes Age-Related Chronic Cochlear Inflammation and Increases Noise-Induced Hearing Loss. Cells, 2021, 10, 1686.	1.8	12
16	Role of Adenosine Receptors in Rare Neurodegenerative Diseases with Motor Symptoms. Current Protein and Peptide Science, 2021, 22, .	0.7	1
17	Comparative Analysis of Chromatin-Delivered Biomarkers in the Monitoring of Sepsis and Septic Shock: A Pilot Study. International Journal of Molecular Sciences, 2021, 22, 9935.	1.8	5
18	Mitigating the pro-oxidant state and melanogenesis of Retinitis pigmentosa: by counteracting mitochondrial dysfunction. Cellular and Molecular Life Sciences, 2021, 78, 7491-7503.	2.4	7

#	ARTICLE	IF	CITATIONS
19	Use of Two Complementary Bioinformatic Approaches to Identify Differentially Methylated Regions in Neonatal Sepsis. <i>Open Bioinformatics Journal</i> , 2021, 14, 144-152.	1.0	0
20	Reactive Glia-Derived Neuroinflammation: a Novel Hallmark in Lafora Progressive Myoclonus Epilepsy That Progresses with Age. <i>Molecular Neurobiology</i> , 2020, 57, 1607-1621.	1.9	43
21	Oxidative Stress and Inflammation in COVID-19-Associated Sepsis: The Potential Role of Anti-Oxidant Therapy in Avoiding Disease Progression. <i>Antioxidants</i> , 2020, 9, 936.	2.2	104
22	Aging-Related Disorders and Mitochondrial Dysfunction: A Critical Review for Prospect Mitoprotective Strategies Based on Mitochondrial Nutrient Mixtures. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7060.	1.8	19
23	Oxidative stress modulates rearrangement of endoplasmic reticulum-mitochondria contacts and calcium dysregulation in a Friedreich's ataxia model. <i>Redox Biology</i> , 2020, 37, 101762.	3.9	22
24	miRNA-23b as a biomarker of culture-positive neonatal sepsis. <i>Molecular Medicine</i> , 2020, 26, 94.	1.9	17
25	Acute depletion of telomerase components DKC1 and NOP10 induces oxidative stress and disrupts ribosomal biogenesis via NPM1 and activation of the P53 pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118845.	1.9	10
26	Sepsis and Coronavirus Disease 2019: Common Features and Anti-Inflammatory Therapeutic Approaches. <i>Critical Care Medicine</i> , 2020, 48, 1841-1844.	0.4	70
27	From genetics to epigenetics to unravel the etiology of adolescent idiopathic scoliosis. <i>Bone</i> , 2020, 140, 115563.	1.4	33
28	Thioredoxin and Glutaredoxin Systems as Potential Targets for the Development of New Treatments in Friedreich's Ataxia. <i>Antioxidants</i> , 2020, 9, 1257.	2.2	29
29	Epigenetic biomarkers for human sepsis and septic shock: insights from immunosuppression. <i>Epigenomics</i> , 2020, 12, 617-646.	1.0	24
30	Circular RNAs in Sepsis: Biogenesis, Function, and Clinical Significance. <i>Cells</i> , 2020, 9, 1544.	1.8	47
31	Much More Than a Scaffold: Cytoskeletal Proteins in Neurological Disorders. <i>Cells</i> , 2020, 9, 358.	1.8	79
32	Mitoprotective Clinical Strategies in Type 2 Diabetes and Fanconi Anemia Patients: Suggestions for Clinical Management of Mitochondrial Dysfunction. <i>Antioxidants</i> , 2020, 9, 82.	2.2	6
33	Cofilin dysregulation alters actin turnover in frataxin-deficient neurons. <i>Scientific Reports</i> , 2020, 10, 5207.	1.6	12
34	Oxidative Stress, a Crossroad Between Rare Diseases and Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 313.	2.2	39
35	Non-coding RNAs and Coronary Artery Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1229, 273-285.	0.8	16
36	Oxygen in the neonatal period: Oxidative stress, oxygen load and epigenetic changes. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101090.	1.1	14

#	ARTICLE	IF	CITATIONS
37	Oxidative post-translational modifications in histones. <i>BioFactors</i> , 2019, 45, 641-650.	2.6	13
38	Phosphodiesterase Inhibitors Revert Axonal Dystrophy in Friedreich's Ataxia Mouse Model. <i>Neurotherapeutics</i> , 2019, 16, 432-449.	2.1	10
39	Epigenetic Regulation in the Pathogenesis of Sjögren Syndrome and Rheumatoid Arthritis. <i>Frontiers in Genetics</i> , 2019, 10, 1104.	1.1	15
40	Small RNA-seq analysis of circulating miRNAs to identify phenotypic variability in Friedreich's ataxia patients. <i>Scientific Data</i> , 2018, 5, 180021.	2.4	23
41	Circulating miRNAs as diagnostic biomarkers for adolescent idiopathic scoliosis. <i>Scientific Reports</i> , 2018, 8, 2646.	1.6	29
42	Acute telomerase components depletion triggers oxidative stress as an early event previous to telomeric shortening. <i>Redox Biology</i> , 2018, 14, 398-408.	3.9	25
43	miR-1226 detection in GCF as potential biomarker of chronic periodontitis: A pilot study. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2018, 23, 0-0.	0.7	22
44	Extracellular histones activate autophagy and apoptosis via mTOR signaling in human endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3234-3246.	1.8	34
45	A <i>Drosophila</i> model of GDAP1 function reveals the involvement of insulin signalling in the mitochondria-dependent neuromuscular degeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 801-809.	1.8	26
46	Extracellular histones disarrange vasoactive mediators release through a COX-NOS interaction in human endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1584-1592.	1.6	29
47	Thioredoxin (Trx1) interacts with proliferating cell nuclear antigen (PCNA) and its overexpression affects the growth of tobacco cell culture. <i>Redox Biology</i> , 2017, 11, 688-700.	3.9	37
48	A new mass spectrometry-based method for the quantification of histones in plasma from septic shock patients. <i>Scientific Reports</i> , 2017, 7, 10643.	1.6	38
49	Epigenetic biomarkers: Current strategies and future challenges for their use in the clinical laboratory. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 529-550.	2.7	92
50	Role of glutathione in the regulation of epigenetic mechanisms in disease. <i>Free Radical Biology and Medicine</i> , 2017, 112, 36-48.	1.3	84
51	Circulating miR-323-3p is a biomarker for cardiomyopathy and an indicator of phenotypic variability in Friedreich's ataxia patients. <i>Scientific Reports</i> , 2017, 7, 5237.	1.6	19
52	Reversible Axonal Dystrophy by Calcium Modulation in Frataxin-Deficient Sensory Neurons of YG8R Mice. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 264.	1.4	83
53	Cellular Responses in Human Dental Pulp Stem Cells Treated with Three Endodontic Materials. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	33
54	Assessing the risk of cytomegalovirus DNAemia in allogeneic stem cell transplant recipients by monitoring oxidative-stress markers in plasma. <i>Journal of General Virology</i> , 2017, 98, 1855-1863.	1.3	2

#	ARTICLE	IF	CITATIONS
55	Circulating Histones and Nucleosomes as Biomarkers in Sepsis and Septic Shock. , 2016, , 497-517.		3
56	Oxidative stress, a new hallmark in the pathophysiology of Lafora progressive myoclonus epilepsy. Free Radical Biology and Medicine, 2015, 88, 30-41.	1.3	28
57	Fanconi anemia (FA) and crosslinker sensitivity: Reappraising the origins of FA definition. Pediatric Blood and Cancer, 2015, 62, 1137-1143.	0.8	11
58	Harmonization of QSAR Best Practices and Molecular Docking Provides an Efficient Virtual Screening Tool for Discovering New G-Quadruplex Ligands. Journal of Chemical Information and Modeling, 2015, 55, 2094-2110.	2.5	20
59	Increased Oxidative Stress and Impaired Antioxidant Response in Lafora Disease. Molecular Neurobiology, 2015, 51, 932-946.	1.9	39
60	Mitochondrial defects and neuromuscular degeneration caused by altered expression of Drosophila Gdap1: implications for the Charcot-Marie-Tooth neuropathy. Human Molecular Genetics, 2015, 24, 21-36.	1.4	37
61	Expression of the Genetic Suppressor Element 24.2 (GSE24.2) Decreases DNA Damage and Oxidative Stress in X-Linked Dyskeratosis Congenita Cells. PLoS ONE, 2014, 9, e101424.	1.1	21
62	Oxidative Stress and Mitochondrial Dysfunction across Broad-Ranging Pathologies: Toward Mitochondria-Targeted Clinical Strategies. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-27.	1.9	108
63	Mitochondrial Biogenesis in Health and Disease. Molecular and Therapeutic Approaches. Current Pharmaceutical Design, 2014, 20, 5619-5633.	0.9	93
64	Oxidative stress and mitochondrial dysfunction in Kindler syndrome. Orphanet Journal of Rare Diseases, 2014, 9, 211.	1.2	20
65	Current Experience in Testing Mitochondrial Nutrients in Disorders Featuring Oxidative Stress and Mitochondrial Dysfunction: Rational Design of Chemoprevention Trials. International Journal of Molecular Sciences, 2014, 15, 20169-20208.	1.8	20
66	Maintenance of glutathione levels and its importance in epigenetic regulation. Frontiers in Pharmacology, 2014, 5, 88.	1.6	25
67	Glutathione and cellular redox control in epigenetic regulation. Free Radical Biology and Medicine, 2014, 75, S3.	1.3	13
68	Characterization of the antioxidant systems in different complementation groups of Dyskeratosis Congenita. Free Radical Biology and Medicine, 2014, 75, S34.	1.3	3
69	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.	1.8	48
70	Oxidative stress and antioxidant response in fibroblasts from Werner and Atypical Werner Syndromes. Aging, 2014, 6, 231-245.	1.4	19
71	Histone H3 Glutathionylation in Proliferating Mammalian Cells Destabilizes Nucleosomal Structure. Antioxidants and Redox Signaling, 2013, 19, 1305-1320.	2.5	83
72	From clinical description, to in vitro and animal studies, and backward to patients: Oxidative stress and mitochondrial dysfunction in Fanconi anemia. Free Radical Biology and Medicine, 2013, 58, 118-125.	1.3	24

#	ARTICLE	IF	CITATIONS
73	Sjögren's syndrome-associated oxidative stress and mitochondrial dysfunction: Prospects for chemoprevention trials. <i>Free Radical Research</i> , 2013, 47, 71-73.	1.5	51
74	DNA binding, nuclease activity, DNA photocleavage and cytotoxic properties of Cu(II) complexes of N-substituted sulfonamides. <i>Journal of Inorganic Biochemistry</i> , 2013, 121, 167-178.	1.5	44
75	Nuclear glutathione. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 3304-3316.	1.1	105
76	Epigenetic biomarkers in laboratory diagnostics: emerging approaches and opportunities. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 457-471.	1.5	54
77	Lafora disease fibroblasts exemplify the molecular interdependence between thioredoxin 1 and the proteasome in mammalian cells. <i>Free Radical Biology and Medicine</i> , 2013, 65, 347-359.	1.3	14
78	Bone marrow cell transcripts from Fanconi anaemia patients reveal <i>in vivo</i> alterations in mitochondrial, redox and DNA repair pathways. <i>European Journal of Haematology</i> , 2013, 91, 141-151.	1.1	19
79	Computational Tools in the Discovery of New G-Quadruplex Ligands with Potential Anticancer Activity. <i>Current Topics in Medicinal Chemistry</i> , 2013, 12, 2843-2856.	1.0	7
80	Picamilast inhibits the pro-apoptotic and anti-proliferative responses of A549 cells exposed to H ₂ O ₂ via mechanisms involving AP-1 activation. <i>Free Radical Research</i> , 2012, 46, 690-699.	1.5	14
81	Oxidative stress in Fanconi anaemia: from cells and molecules towards prospects in clinical management. <i>Biological Chemistry</i> , 2012, 393, 11-21.	1.2	57
82	Physical Exercise as an Epigenetic Modulator. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 3469-3472.	1.0	76
83	Evaluation of the Quality of Publications on Randomized Clinical Trials Using the Consolidated Standards of Reporting Trials (CONSORT) Statement Guidelines in a Spanish Tertiary Hospital. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 1106-1114.	1.0	6
84	Epigenetic biomarkers: A new perspective in laboratory diagnostics. <i>Clinica Chimica Acta</i> , 2012, 413, 1576-1582.	0.5	45
85	Histone carbonylation occurs in proliferating cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1453-1464.	1.3	28
86	Free [NADH]/[NAD ⁺] regulates sirtuin expression. <i>Archives of Biochemistry and Biophysics</i> , 2011, 512, 24-29.	1.4	43
87	Amyloid-β Toxicity and Tau Hyperphosphorylation are Linked Via RCAN1 in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 701-709.	1.2	121
88	Living at high altitude in combination with sea-level sprint training increases hematological parameters but does not improve performance in rats. <i>European Journal of Applied Physiology</i> , 2011, 111, 1147-1156.	1.2	14
89	Could thiazolidinediones increase the risk of heart failure in Friedreich's ataxia patients?. <i>Movement Disorders</i> , 2011, 26, 769-771.	2.2	12
90	Differential Expression of PGC-1α and Metabolic Sensors Suggest Age-Dependent Induction of Mitochondrial Biogenesis in Friedreich Ataxia Fibroblasts. <i>PLoS ONE</i> , 2011, 6, e20666.	1.1	39

#	ARTICLE	IF	CITATIONS
91	RasGrf1 deficiency delays aging in mice. <i>Aging</i> , 2011, 3, 262-276.	1.4	59
92	Mitochondrial dysfunction in some oxidative stress-related genetic diseases: Ataxia-Telangiectasia, Down Syndrome, Fanconi Anaemia and Werner Syndrome. <i>Biogerontology</i> , 2010, 11, 401-419.	2.0	106
93	Increased oxidative stress levels and normal antioxidant enzyme activity in circulating mononuclear cells from patients of familial hypercholesterolemia. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 293-298.	1.5	22
94	Estradiol or genistein prevent Alzheimer's disease-associated inflammation correlating with an increase PPAR γ expression in cultured astrocytes. <i>Brain Research</i> , 2010, 1312, 138-144.	1.1	165
95	Xanthine oxidase-induced oxidative stress causes activation of NF- κ B and inflammation in the liver of type I diabetic rats. <i>Free Radical Biology and Medicine</i> , 2010, 49, 171-177.	1.3	90
96	Circulating mononuclear cells nuclear factor κ B activity, plasma xanthine oxidase, and low grade inflammatory markers in adult patients with familial hypercholesterolaemia. <i>European Journal of Clinical Investigation</i> , 2010, 40, 89-94.	1.7	36
97	Recruitment of glutathione into the nucleus during cell proliferation adjusts whole-cell redox homeostasis in <i>Arabidopsis thaliana</i> and lowers the oxidative defence shield. <i>Plant Journal</i> , 2010, 64, 825-838.	2.8	174
98	Role of glutathione in cell nucleus. <i>Free Radical Research</i> , 2010, 44, 721-733.	1.5	50
99	A nuclear glutathione cycle within the cell cycle. <i>Biochemical Journal</i> , 2010, 431, 169-178.	1.7	242
100	Direct antioxidant and protective effect of estradiol on isolated mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 205-211.	1.8	173
101	Increased plasma xanthine oxidase activity is related to nuclear factor kappa beta activation and inflammatory markers in familial combined hyperlipidemia. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 734-739.	1.1	29
102	Estrogenic Modulation of Longevity by Induction of Antioxidant Enzymes. , 2010, , 119-128.		0
103	The Depletion of Nuclear Glutathione Impairs Cell Proliferation in 3t3 Fibroblasts. <i>PLoS ONE</i> , 2009, 4, e6413.	1.1	89
104	Pyridine Nucleotide Cycling and Control of Intracellular Redox State in Relation to Poly (ADP-Ribose) Polymerase Activity and Nuclear Localization of Glutathione during Exponential Growth of <i>Arabidopsis</i> Cells in Culture. <i>Molecular Plant</i> , 2009, 2, 442-456.	3.9	81
105	Effect of intermittent hypoxia on hematological parameters after recombinant human erythropoietin administration. <i>European Journal of Applied Physiology</i> , 2009, 107, 429-436.	1.2	23
106	Mitochondrial biogenesis in exercise and in ageing \dagger . <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 1369-1374.	6.6	192
107	Role of nuclear glutathione as a key regulator of cell proliferation. <i>Molecular Aspects of Medicine</i> , 2009, 30, 77-85.	2.7	152
108	Vitamin E Paradox in Alzheimer's Disease: It Does Not Prevent Loss of Cognition and May Even Be Detrimental. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 143-149.	1.2	198

#	ARTICLE	IF	CITATIONS
109	Cyanoside Chloride and Chromocarbe Diethylamine are More Effective than Vitamin C against Exercise-Induced Oxidative Stress. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 89, 255-258.	0.0	6
110	Oestradiol or genistein rescues neurons from amyloid beta β -induced cell death by inhibiting activation of p38. <i>Aging Cell</i> , 2008, 7, 112-118.	3.0	75
111	Different patterns of in vivo pro-oxidant states in a set of cancer- or aging-related genetic diseases. <i>Free Radical Biology and Medicine</i> , 2008, 44, 495-503.	1.3	24
112	Glutamate cysteine ligase up-regulation fails in necrotizing pancreatitis. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1599-1609.	1.3	18
113	Gender and age-dependent differences in the mitochondrial apoptogenic pathway in Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2008, 44, 2019-2025.	1.3	54
114	Modulation of longevity-associated genes by estrogens or phytoestrogens. <i>Biological Chemistry</i> , 2008, 389, 273-277.	1.2	48
115	Oral administration of vitamin C decreases muscle mitochondrial biogenesis and hampers training-induced adaptations in endurance performance. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 142-149.	2.2	679
116	Vitamins C and E prevent AZT-induced leukopenia and loss of cellularity in bone marrow. Studies in mice. <i>Free Radical Research</i> , 2007, 41, 330-334.	1.5	11
117	Age-related increase in xanthine oxidase activity in human plasma and rat tissues. <i>Free Radical Research</i> , 2007, 41, 1195-1200.	1.5	61
118	Glutathione Is Recruited into the Nucleus in Early Phases of Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2007, 282, 20416-20424.	1.6	163
119	Mitochondrial Oxidant Signalling in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2007, 11, 175-181.	1.2	43
120	SIRT1 regulation of insulin-signalling pathways in liver, white adipose tissue and pancreas during fasting or calorie restriction. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 91-92.	3.1	4
121	Effect of Gender on Mitochondrial Toxicity of Alzheimer's A β Peptide. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1677-1690.	2.5	32
122	Glutathione levels in blood from ataxia telangiectasia patients suggest in vivo adaptive mechanisms to oxidative stress. <i>Clinical Biochemistry</i> , 2007, 40, 666-670.	0.8	15
123	Oxidative stress biomarkers in four Bloom syndrome (BS) patients and in their parents suggest in vivo redox abnormalities in BS phenotype. <i>Clinical Biochemistry</i> , 2007, 40, 1100-1103.	0.8	11
124	Induction of mitochondrial xanthine oxidase activity during apoptosis in the rat mammary gland. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 1184.	3.0	7
125	Mitochondrial function in liver disease. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 1200.	3.0	81
126	Role of mitochondrial oxidative stress to explain the different longevity between genders. Protective effect of estrogens. <i>Free Radical Research</i> , 2006, 40, 1359-1365.	1.5	118

#	ARTICLE	IF	CITATIONS
127	Oxidative stress in marathon runners: interest of antioxidant supplementation. <i>British Journal of Nutrition</i> , 2006, 96, S31-S33.	1.2	99
128	Multiple evidence for an early age pro-oxidant state in Down Syndrome patients. <i>Biogerontology</i> , 2006, 7, 211-220.	2.0	70
129	Genistein, a soy isoflavone, up-regulates expression of antioxidant genes: involvement of estrogen receptors, ERK1/2, and NF- κ B. <i>FASEB Journal</i> , 2006, 20, 2136-2138.	0.2	153
130	Weaning induces NOS-2 expression through NF- κ B modulation in the lactating mammary gland: importance of GSH. <i>Biochemical Journal</i> , 2005, 391, 581-588.	1.7	24
131	17 β -oestradiol up-regulates longevity-related, antioxidant enzyme expression via the ERK1 and ERK2[MAPK]/NF- κ B cascade. <i>Aging Cell</i> , 2005, 4, 113-118.	3.0	240
132	Decreasing xanthine oxidase-mediated oxidative stress prevents useful cellular adaptations to exercise in rats. <i>Journal of Physiology</i> , 2005, 567, 113-120.	1.3	376
133	Age-associated oxidative damage leads to absence of β -cystathionase in over 50% of rat lenses: Relevance in cataractogenesis. <i>Free Radical Biology and Medicine</i> , 2005, 38, 575-582.	1.3	27
134	Oxidative stress as a multiple effector in Fanconi anaemia clinical phenotype. <i>European Journal of Haematology</i> , 2005, 75, 93-100.	1.1	65
135	Multiple Involvement of Oxidative Stress in Werner Syndrome Phenotype. <i>Biogerontology</i> , 2005, 6, 233-243.	2.0	39
136	Vitamin E deficiency induces liver nuclear factor- κ B DNA-binding activity and changes in related genes. <i>Free Radical Research</i> , 2005, 39, 1127-1138.	1.5	33
137	In vivoprooxidant state in Werner syndrome (WS): Results from three WS patients and two WS heterozygotes. <i>Free Radical Research</i> , 2005, 39, 529-533.	1.5	44
138	Why females live longer than males? Importance of the upregulation of longevity-associated genes by oestrogenic compounds. <i>FEBS Letters</i> , 2005, 579, 2541-2545.	1.3	208
139	Why Females Live Longer Than Males: Control of Longevity by Sex Hormones. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2005, 2005, pe17-pe17.	0.9	100
140	Gender- and age-related distinctions for the in vivo prooxidant state in Fanconi anaemia patients. <i>Carcinogenesis</i> , 2004, 25, 1899-1909.	1.3	44
141	Glutathione Regulates Telomerase Activity in 3T3 Fibroblasts. <i>Journal of Biological Chemistry</i> , 2004, 279, 34332-34335.	1.6	69
142	Ursodeoxycholic acid protects against secondary biliary cirrhosis in rats by preventing mitochondrial oxidative stress. <i>Hepatology</i> , 2004, 39, 711-720.	3.6	127
143	Posibles mecanismos por los que las mujeres viven más ue los varones. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2004, 39, 381-384.	0.2	3
144	AZT induces oxidative damage to cardiac mitochondria: Protective effect of vitamins C and E. <i>Life Sciences</i> , 2004, 76, 47-56.	2.0	56

#	ARTICLE	IF	CITATIONS
145	Mitochondria from females exhibit higher antioxidant gene expression and lower oxidative damage than males. <i>Free Radical Biology and Medicine</i> , 2003, 34, 546-552.	1.3	527
146	The role of mitochondrial oxidative stress in aging. <i>Free Radical Biology and Medicine</i> , 2003, 35, 1-8.	1.3	283
147	Mitochondrial Theory of Aging: Importance to Explain Why Females Live Longer Than Males. <i>Antioxidants and Redox Signaling</i> , 2003, 5, 549-556.	2.5	128
148	Allopurinol and Markers of Muscle Damage Among Participants in the Tour de France. <i>JAMA - Journal of the American Medical Association</i> , 2003, 289, 2503-2504.	3.8	101
149	Inhibition of liver trans-sulphuration pathway by propargylglycine mimics gene expression changes found in the mammary gland of weaned lactating rats: role of glutathione. <i>Biochemical Journal</i> , 2003, 373, 825-834.	1.7	19
150	Mitochondrial Damage in Aging and Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2002, 959, 448-451.	1.8	43
151	Xanthine Oxidase Is Involved in Free Radical Production in Type 1 Diabetes: Protection by Allopurinol. <i>Diabetes</i> , 2002, 51, 1118-1124.	0.3	357
152	Mitochondrial oxidative stress and CD95 ligand: A dual mechanism for hepatocyte apoptosis in chronic alcoholism. <i>Hepatology</i> , 2002, 35, 1205-1214.	3.6	110
153	Resuscitation With Room Air Instead of 100% Oxygen Prevents Oxidative Stress in Moderately Asphyxiated Term Neonates. <i>Pediatrics</i> , 2001, 107, 642-647.	1.0	395
154	Na ⁺ dependent glutamate transporters (EAAT1, EAAT2, and EAAT3) in primary astrocyte cultures: effect of oxidative stress. <i>Brain Research</i> , 2001, 922, 21-29.	1.1	79
155	Hepatic $\hat{\gamma}$ -Cystathionase Deficiency in Patients With AIDS. <i>JAMA - Journal of the American Medical Association</i> , 2001, 285, 1444.	3.8	32
156	Cyanoside Chloride and Chromocarbe Diethylamine are More Effective than Vitamin C against Exercise-Induced Oxidative Stress. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 89, 255-258.	0.0	12
157	Vitamin A deficiency causes oxidative damage to liver mitochondria in rats. <i>Free Radical Biology and Medicine</i> , 2000, 29, 1-7.	1.3	37
158	Mitochondrial Oxidative Stress Plays a Key Role in Aging and Apoptosis. <i>IUBMB Life</i> , 2000, 49, 427-435.	1.5	323
159	Mechanism of Free Radical Production in Exhaustive Exercise in Humans and Rats; Role of Xanthine Oxidase and Protection by Allopurinol. <i>IUBMB Life</i> , 2000, 49, 539-544.	1.5	154
160	Causes and Consequences of Damage to Mitochondria: Study of Functional Aspects by Flow Cytometry. , 2000, 38, 237-244.		0
161	Free Radicals in Exhaustive Physical Exercise: Mechanism of Production, and Protection by Antioxidants. <i>IUBMB Life</i> , 2000, 50, 271-277.	1.5	141
162	Mitochondria, oxidative stress and aging. <i>Free Radical Research</i> , 2000, 32, 189-198.	1.5	241

#	ARTICLE	IF	CITATIONS
163	Free Radicals in Exhaustive Physical Exercise: Mechanism of Production, and Protection by Antioxidants. IUBMB Life, 2000, 50, 271-277.	1.5	127
164	Exercise induces oxidative stress in healthy subjects and in chronic obstructive pulmonary disease patients. , 2000, , 1137-1146.		0
165	Oxidative damage to mitochondrial DNA and glutathione oxidation in apoptosis: studies in vivo and in vitro. FASEB Journal, 1999, 13, 1055-1064.	0.2	171
166	Relaxant effects of antidepressants on human isolated mesenteric arteries. British Journal of Clinical Pharmacology, 1999, 48, 223-229.	1.1	22
167	Zidovudine (AZT) causes an oxidation of mitochondrial DNA in mouse liver. Hepatology, 1999, 29, 985-987.	3.6	75
168	Homocysteine and fibrinolysis in acute occlusive coronary events. Lancet, The, 1999, 354, 1475.	6.3	0
169	[23] Ratio of reduced to oxidized glutathione as indicator of oxidative stress status and DNA damage. Methods in Enzymology, 1999, 299, 267-276.	0.4	150
170	INVOLVEMENT OF MITOCHONDRIA IN OXIDATIVE STRESS IN AGING OF INTACT CELLS. , 1999, , 34-39.		0
171	A Ginkgo Biloba Extract (EGb 761) Prevents Mitochondrial Aging by Protecting Against Oxidative Stress. Free Radical Biology and Medicine, 1998, 24, 298-304.	1.3	180
172	Congenital disorders sharing oxidative stress and cancer proneness as phenotypic hallmarks: prospects for joint research in pharmacology. Medical Hypotheses, 1998, 51, 253-266.	0.8	32
173	Late onset administration of oral antioxidants prevents age-related loss of motor co-ordination and brain mitochondrial DNA damage. Free Radical Research, 1998, 29, 617-623.	1.5	29
174	Free Radicals and Antioxidants in Physical Exercise. , 1998, , 121-129.		2
175	AZT treatment induces molecular and ultrastructural oxidative damage to muscle mitochondria. Prevention by antioxidant vitamins.. Journal of Clinical Investigation, 1998, 102, 4-9.	3.9	166
176	Rapid-rate transcranial magnetic stimulation of left dorsolateral prefrontal cortex in drug-resistant depression. Lancet, The, 1996, 348, 233-237.	6.3	1,102
177	Exercise causes blood glutathione oxidation in chronic obstructive pulmonary disease: prevention by O ₂ therapy. Journal of Applied Physiology, 1996, 81, 2199-2202.	1.2	69
178	Mitochondrial glutathione oxidation correlates with age-associated oxidative damage to mitochondrial DNA. FASEB Journal, 1996, 10, 333-338.	0.2	284
179	Glutathione, oxidative stress and aging. Age, 1996, 19, 129-139.	3.0	49
180	Effect of nonprotein thiols on protein synthesis in isolated rat hepatocytes. Experientia, 1996, 52, 111-114.	1.2	6

#	ARTICLE	IF	CITATIONS
181	Aging of the liver: Age-associated mitochondrial damage in intact hepatocytes. <i>Hepatology</i> , 1996, 24, 1199-1205.	3.6	210
182	A High-Performance Liquid Chromatography Method for Measurement of Oxidized Glutathione in Biological Samples. <i>Analytical Biochemistry</i> , 1994, 217, 323-328.	1.1	169
183	Antioxidant administration to the mother prevents oxidative stress associated with birth in the neonatal rat. <i>Life Sciences</i> , 1994, 54, 2055-2059.	2.0	48
184	[35] Determination of oxidized glutathione in blood: High-performance liquid chromatography. <i>Methods in Enzymology</i> , 1994, 234, 367-371.	0.4	46
185	Effect of aging on metabolic zonation in rat liver: Acinar distribution of GSH metabolism. <i>Mechanisms of Ageing and Development</i> , 1992, 62, 181-190.	2.2	19
186	Senile cataract: a review on free radical related pathogenesis and antioxidant prevention. <i>Archives of Gerontology and Geriatrics</i> , 1991, 13, 51-59.	1.4	9
187	Brain Energy Consumption in Ethanol-Treated, Long-Evans Rats. <i>Journal of Nutrition</i> , 1991, 121, 879-886.	1.3	10
188	Physiological changes in glutathione metabolism in foetal and newborn rat liver. <i>Biochemical Journal</i> , 1991, 274, 891-893.	1.7	68
189	Age-related changes in glutathione synthesis in the eye lens. <i>Biochemical Journal</i> , 1990, 269, 531-534.	1.7	29
190	Selective regional distribution of tubulin induced in cerebrum by hyperammonemia. <i>Neurochemical Research</i> , 1989, 14, 1241-1243.	1.6	10
191	Glutathione depletion by hyperphagia-induced obesity. <i>Life Sciences</i> , 1989, 45, 183-187.	2.0	28
192	Comparison of the flux of carbon to hepatic glycogen deposition and fatty acid and cholesterol synthesis on refeeding rats fed <i>ad libitum</i> or meal-fed rats with a chow-diet meal. <i>Biochemical Journal</i> , 1989, 257, 607-610.	1.7	21
193	In vitro effect of caffeine on some aspects of nitrogen metabolism in isolated rat hepatocytes. <i>Biochimie</i> , 1988, 70, 1417-1421.	1.3	2
194	Dependence of hepatic gluconeogenesis on PO ₂ : inhibitory effects of halothane. <i>Journal of Applied Physiology</i> , 1987, 63, 1776-1780.	1.2	14
195	Effect of pinealectomy and circadian rhythm on avoidance behavior in the male rat. <i>Physiology and Behavior</i> , 1985, 34, 327-333.	1.0	17
196	Decreased hepatic gluconeogenesis by treatment with substrates of the GSH S-transferases. <i>Biochemical Pharmacology</i> , 1985, 34, 453-454.	2.0	5
197	Effects of cysteine and N-acetyl cysteine on GSH content of brain of adult rats. <i>Experientia</i> , 1983, 39, 164-165.	1.2	30
198	Use of Circular RNAs in Diagnosis, Prognosis and Therapeutics of Renal Cell Carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5

#	ARTICLE	IF	CITATIONS
199	Frataxin Deficit Leads to Reduced Dynamics of Growth Cones in Dorsal Root Ganglia Neurons of Friedreich's Ataxia YG8sR Model: A Multilinear Algebra Approach. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	2