Wenbo Qi

List of Publications by Year in descending order

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Version: 2024-02-01

44	7,053	109321	254184
papers	citations	35 h-index	43 g-index

44	44	44	8930
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of caloric restriction on health and survival in rhesus monkeys from the NIA study. Nature, 2012, 489, 318-321.	27.8	973
2	Biochemical Reactivity of Melatonin with Reactive Oxygen and Nitrogen Species: A Review of the Evidence. Cell Biochemistry and Biophysics, 2001, 34, 237-256.	1.8	603
3	CuZnSOD deficiency leads to persistent and widespread oxidative damage and hepatocarcinogenesis later in life. Oncogene, 2005, 24, 367-380.	5.9	564
4	Melatonin directly scavenges hydrogen peroxide: a potentially new metabolic pathway of melatonin biotransformation. Free Radical Biology and Medicine, 2000, 29, 1177-1185.	2.9	396
5	Melatonin and Its Relation to the Immune System and Inflammation. Annals of the New York Academy of Sciences, 2000, 917, 376-386.	3.8	366
6	High levels of melatonin in the seeds of edible plants. Life Sciences, 2000, 67, 3023-3029.	4.3	319
7	High oxidative damage levels in the longestâ€living rodent, the naked moleâ€rat. Aging Cell, 2006, 5, 463-471.	6.7	318
8	Reduced Expression of MYC Increases Longevity and Enhances Healthspan. Cell, 2015, 160, 477-488.	28.9	238
9	Pharmacology and Physiology of Melatonin in the Reduction of Oxidative Stress in vivo. NeuroSignals, 2000, 9, 160-171.	0.9	215
10	Transgenic Mice Overexpressing Glutathione Peroxidase 4 Are Protected against Oxidative Stress-induced Apoptosis. Journal of Biological Chemistry, 2004, 279, 55137-55146.	3.4	215
11	The in vivo gene expression signature of oxidative stress. Physiological Genomics, 2008, 34, 112-126.	2.3	204
12	High physiological levels of melatonin in the bile of mammals. Life Sciences, 1999, 65, 2523-2529.	4.3	193
13	Overexpression of Mn Superoxide Dismutase Does Not Increase Life Span in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 1114-1125.	3.6	178
14	Mice Deficient in Both Mn Superoxide Dismutase and Glutathione Peroxidase-1 Have Increased Oxidative Damage and a Greater Incidence of Pathology but No Reduction in Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 1212-1220.	3.6	172
15	Ischemia/reperfusionâ€induced arrhythmias in the isolated rat heart: Prevention by melatonin. Journal of Pineal Research, 1998, 25, 184-191.	7.4	165
16	Augmentation of indices of oxidative damage in life-long melatonin-deficient rats. Mechanisms of Ageing and Development, 1999, 110, 157-173.	4.6	163
17	Reduction in Glutathione Peroxidase 4 Increases Life Span Through Increased Sensitivity to Apoptosis. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 932-942.	3.6	149
18	Reduction of mitochondrial H₂O₂ by overexpressing peroxiredoxin 3 improves glucose tolerance in mice. Aging Cell, 2008, 7, 866-878.	6.7	129

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19	Increased levels of oxidatively damaged DNA induced by chromium(III) and H2O2: protection by melatonin and related molecules. Journal of Pineal Research, 2000, 29, 54-61.	7.4	117
20	Multiple deficiencies in antioxidant enzymes in mice result in a compound increase in sensitivity to oxidative stress. Free Radical Biology and Medicine, 2004, 36, 1625-1634.	2.9	117
21	Effects of Age and Caloric Restriction on Lipid Peroxidation: Measurement of Oxidative Stress by F2-Isoprostane Levels. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 847-851.	3.6	104
22	Melatonin protects hippocampal neurons in vivo against kainic acid-induced damage in mice. , 1998, 54, 382-389.		102
23	Thioredoxin 2 haploinsufficiency in mice results in impaired mitochondrial function and increased oxidative stress. Free Radical Biology and Medicine, 2008, 44, 882-892.	2.9	100
24	Melatonin reduces oxidative neurotoxicity due to quinolinic acid:. Neuropharmacology, 2000, 39, 507-514.	4.1	90
25	Dietary restriction attenuates ageâ€associated muscle atrophy by lowering oxidative stress in mice even in complete absence of CuZnSOD. Aging Cell, 2012, 11, 770-782.	6.7	82
26	MnSOD deficiency results in elevated oxidative stress and decreased mitochondrial function but does not lead to muscle atrophy during aging. Aging Cell, 2011, 10, 493-505.	6.7	76
27	Thioredoxin 1 Overexpression Extends Mainly the Earlier Part of Life Span in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 1286-1299.	3.6	71
28	Embryonic fibroblasts from Gpx4+/â^' mice: a novel model for studying the role of membrane peroxidation in biological processes. Free Radical Biology and Medicine, 2003, 35, 1101-1109.	2.9	69
29	Conditional knockout of Mn-SOD targeted to type IIB skeletal muscle fibers increases oxidative stress and is sufficient to alter aerobic exercise capacity. American Journal of Physiology - Cell Physiology, 2009, 297, C1520-C1532.	4.6	67
30	Oxidative damage associated with obesity is prevented by overexpression of CuZn- or Mn-superoxide dismutase. Biochemical and Biophysical Research Communications, 2013, 438, 78-83.	2.1	51
31	Inhibitory effects of melatonin on ferric nitrilotriacetate-induced lipid peroxidation and oxidative DNA damage in the rat kidney. Toxicology, 1999, 139, 81-91.	4.2	50
32	Protective effects of melatonin against oxidation of guanine bases in DNA and decreased microsomal membrane fluidity in rat liver induced by whole body ionizing radiation. Molecular and Cellular Biochemistry, 2000, 211, 137-144.	3.1	50
33	Melatonin reduces mortality and oxidatively mediated hepatic and renal damage due to diquat treatment. Journal of Pineal Research, 2007, 42, 166-171.	7.4	49
34	Loss of manganese superoxide dismutase leads to abnormal growth and signal transduction in mouse embryonic fibroblasts. Free Radical Biology and Medicine, 2010, 49, 1255-1262.	2.9	40
35	A Walnut-Enriched Diet Reduces the Growth of LNCaP Human Prostate Cancer Xenografts in Nude Mice. Cancer Investigation, 2013, 31, 365-373.	1.3	39
36	Melatonin reduces rat hepatic macromolecular damage due to oxidative stress caused by Î´-aminolevulinic acid. Biochimica Et Biophysica Acta - General Subjects, 2000, 1523, 140-146.	2.4	38

#	Article	IF	Citations
37	Reduced mitochondrial ROS, enhanced antioxidant defense, and distinct age-related changes in oxidative damage in muscles of long-lived Peromyscus leucopus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R343-R355.	1.8	35
38	Dietary restriction attenuates the accelerated aging phenotype of Sod1â^'/â^' mice. Free Radical Biology and Medicine, 2013, 60, 300-306.	2.9	32
39	Inhibitory effect of melatonin on diquat-induced lipid peroxidation in vivo as assessed by the measurement of F2-isoprostanes. Journal of Pineal Research, 2006, 40, 326-331.	7.4	30
40	Age-related cellular changes in the long-lived bivalve A. islandica. Age, 2015, 37, 90.	3.0	21
41	Melatonin prevents delta-aminolevulinic acid-induced oxidative DNA damage in the presence of Fe2+. Molecular and Cellular Biochemistry, 2001, 218, 87-92.	3.1	19
42	Microwave and magnetic (M2) proteomics of a mouse model of mild traumatic brain injury. Translational Proteomics, 2014, 3, 10-21.	1.2	19
43	2-Nitropropane-induced lipid peroxidation: antitoxic effects of melatonin. Toxicology, 1998, 130, 183-190.	4.2	17
44	Moderate modulation of disease in the G93A model of ALS by the compound 2-(2-hydroxyphenyl)-benzoxazole (HBX). Neuroscience Letters, 2016, 624, 1-7.	2.1	8