

Cheng Luo

List of Publications by Year in descending order

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26
papers

1,187
citations

471061

17
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

2262
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyhydroxylated fullerene derivative C ₆₀ (OH) ₂₄ prevents mitochondrial dysfunction and oxidative damage in an MPP ⁺ -induced cellular model of Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2008, 86, 3622-3634.	1.3	141
2	Acrolein is a mitochondrial toxin: Effects on respiratory function and enzyme activities in isolated rat liver mitochondria. <i>Mitochondrion</i> , 2006, 6, 136-142.	1.6	110
3	Mitochondrial Dysfunction in Obesity-Associated Nonalcoholic Fatty Liver Disease: The Protective Effects of Pomegranate with Its Active Component Punicalagin. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1557-1570.	2.5	104
4	Hydroxytyrosol induces apoptosis in human colon cancer cells through ROS generation. <i>Food and Function</i> , 2014, 5, 1909-1914.	2.1	78
5	Combined α-lipoic acid and acetyl-L-carnitine exerts efficient preventative effects in a cellular model of Parkinson's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 215-225.	1.6	75
6	The polyhydroxylated fullerene derivative C ₆₀ (OH) ₂₄ protects mice from ionizing-radiation-induced immune and mitochondrial dysfunction. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 27-34.	1.3	72
7	Evidence for association of mitochondrial metabolism alteration with lipid accumulation in aging rats. <i>Experimental Gerontology</i> , 2014, 56, 3-12.	1.2	66
8	Mitochondrial nutrients improve immune dysfunction in the type 2 diabetic Goto-Kakizaki rats. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 701-711.	1.6	64
9	A Combination of Nutriment Improves Mitochondrial Biogenesis and Function in Skeletal Muscle of Type 2 Diabetic Goto-Kakizaki Rats. <i>PLoS ONE</i> , 2008, 3, e2328.	1.1	62
10	Hydroxytyrosol Promotes Superoxide Production and Defects in Autophagy Leading to Anti-proliferation and Apoptosis on Human Prostate Cancer Cells. <i>Current Cancer Drug Targets</i> , 2013, 13, 625-639.	0.8	56
11	Mitochondrial accumulation under oxidative stress is due to defects in autophagy. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 212-219.	1.2	52
12	An improved spectrophotometric method for a more specific and accurate assay of mitochondrial complex III activity. <i>Clinica Chimica Acta</i> , 2008, 395, 38-41.	0.5	49
13	Lipoamide protects retinal pigment epithelial cells from oxidative stress and mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1465-1474.	1.3	47
14	Activation of Erk and p53 regulates copper oxide nanoparticle-induced cytotoxicity in keratinocytes and fibroblasts. <i>International Journal of Nanomedicine</i> , 2014, 9, 4763.	3.3	46
15	Superparamagnetic iron oxide nanoparticles exacerbate the risks of reactive oxygen species-mediated external stresses. <i>Archives of Toxicology</i> , 2015, 89, 357-369.	1.9	41
16	Comparison of two methods for assaying complex I activity in mitochondria isolated from rat liver, brain and heart. <i>Life Sciences</i> , 2009, 85, 276-280.	2.0	24
17	An NADH-tetrazolium-coupled sensitive assay for malate dehydrogenase in mitochondria and crude tissue homogenates. <i>Journal of Proteomics</i> , 2006, 68, 101-111.	2.4	22
18	A monocarbonyl analogue of curcumin, 1,5-bis(3-hydroxyphenyl)-1,4-pentadiene-3-one (Ca 37), exhibits potent growth suppressive activity and enhances the inhibitory effect of curcumin on human prostate cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 542-553.	2.2	19

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19	A cigarette component acrolein induces accelerated senescence in human diploid fibroblast IMR-90 cells. <i>Biogerontology</i> , 2013, 14, 503-511.	2.0	17
20	Protection of H9c2 rat cardiomyoblasts against oxidative insults by total paeony glucosides from <i>Radix Paeoniae Rubrae</i> . <i>Phytomedicine</i> , 2013, 21, 20-24.	2.3	16
21	Rewritable magnetic fluorescence-encoded microspheres: preparation, characterization, and recycling. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8262-8271.	2.7	11
22	Preparation and characterization of narrow-dispersed magnetic colloidal nanoparticle cluster/silica microspheres with controlled sizes, high saturation magnetization and MRI enhancement effect. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4644.	2.9	9
23	Recent advances in applications of nanoparticles as enzyme mimetics. <i>Scientia Sinica Chimica</i> , 2015, 45, 1026-1041.	0.2	5
24	Applications of iron oxide nanoparticles as peroxidase mimetics. <i>Chinese Science Bulletin</i> , 2015, 60, 3478-3488.	0.4	1
25	Advances in Anti-Cancer Mechanisms of Hydroxytyrosol. <i>Scientia Sinica Vitae</i> , 2014, 44, 14-20.	0.1	0
26	Preparation and applications of magnetic microspheres. <i>Scientia Sinica Chimica</i> , 2019, 49, 218-229.	0.2	0