

Mordhwaj S Parihar

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,157
citations

236912

25
h-index

243610

44
g-index

51
all docs

51
docs citations

51
times ranked

5432
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased oxidative stress and mitochondrial impairments associated with increased expression of TNF α and caspase-3 in palmitic acid-induced lipotoxicity in myoblasts. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22744.	3.0	0
2	Cognitive impairments in type 2 diabetes, risk factors and preventive strategies. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	1.3	45
3	Bioactive Food Components in the Prevention of Cardiovascular Diseases. <i>Reference Series in Phytochemistry</i> , 2019, , 137-157.	0.4	0
4	Downregulation of sirtuin 3 by palmitic acid increases the oxidative stress, impairment of mitochondrial function, and apoptosis in liver cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22337.	3.0	9
5	Alpha Synuclein and Parkinson's Disease. , 2019, , 1-14.		3
6	Bioactive Food Components in the Prevention of Cardiovascular Diseases. <i>Reference Series in Phytochemistry</i> , 2018, , 1-21.	0.4	2
7	Metabolic enzymes dysregulation in heart failure: the prospective therapy. <i>Heart Failure Reviews</i> , 2017, 22, 109-121.	3.9	18
8	Synaptosomal and mitochondrial oxidative damage followed by behavioral impairments in streptozotocin induced diabetes mellitus: restoration by <i>Malvastrum tricuspidatum</i> . <i>Cellular and Molecular Biology</i> , 2017, 63, 94-101.	0.9	6
9	Study of apoptosis-related interactions in colorectal cancer. <i>Tumor Biology</i> , 2016, 37, 14415-14425.	1.8	11
10	Neurodegenerative diseases: From available treatments to prospective herbal therapy. <i>Neurochemistry International</i> , 2016, 95, 100-108.	3.8	98
11	Identification and Pharmacological Analysis of High Efficacy Small Molecule Inhibitors of EGF-EGFR Interactions in Clinical Treatment of Non-Small Cell Lung Carcinoma: a Computational Approach. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 16, 8191-8196.	1.2	21
12	Increase in oxidative stress and mitochondrial impairment in hypothalamus of streptozotocin treated diabetic rat: Antioxidative effect of <i>Withania somnifera</i> . <i>Cellular and Molecular Biology</i> , 2016, 62, 73-83.	0.9	4
13	Flavonoid-Based Therapies in the Early Management of Neurodegenerative Diseases. <i>Advances in Nutrition</i> , 2015, 6, 64-72.	6.4	207
14	Mitochondrial sirtuins: Emerging roles in metabolic regulations, energy homeostasis and diseases. <i>Experimental Gerontology</i> , 2015, 61, 130-141.	2.8	98
15	Flavonoids in modulation of cell survival signalling pathways. <i>Genes and Nutrition</i> , 2014, 9, 400.	2.5	128
16	Statins lower calcium-induced oxidative stress in isolated mitochondria. <i>Human and Experimental Toxicology</i> , 2012, 31, 355-363.	2.2	25
17	Amyloid- β as a Modulator of Synaptic Plasticity. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 741-763.	2.6	225
18	Importance of cytochrome c redox state for ceramide-induced apoptosis of human mammary adenocarcinoma cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 646-654.	2.4	9

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19	Alpha-synuclein overexpression and aggregation exacerbates impairment of mitochondrial functions by augmenting oxidative stress in human neuroblastoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2015-2024.	2.8	169
20	Mitochondrial association of alpha-synuclein causes oxidative stress. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 1272-1284.	5.4	289
21	Age-related decreases in NAD(P)H and glutathione cause redox declines before ATP loss during glutamate treatment of hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2008, 86, 2339-2352.	2.9	65
22	mAtNOS1 induces apoptosis of human mammary adenocarcinoma cells. <i>Life Sciences</i> , 2008, 82, 1077-1082.	4.3	12
23	Detection Assays for Determination of Mitochondrial Nitric Oxide Synthase Activity; Advantages and Limitations. <i>Methods in Enzymology</i> , 2008, 440, 317-334.	1.0	26
24	Oxidative stress and anti-oxidative mobilization in burn injury. <i>Burns</i> , 2008, 34, 6-17.	1.9	269
25	mAtNOS1 regulates mitochondrial functions and apoptosis of human neuroblastoma cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 921-926.	2.4	21
26	Association of mitochondrial nitric oxide synthase activity with respiratory chain complex I. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 23-28.	2.1	51
27	Inactivation of mitochondrial respiratory chain complex I leads mitochondrial nitric oxide synthase to become pro-oxidative. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 761-767.	2.1	40
28	Mitochondria in multiple sclerosis. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 3116.	3.0	47
29	Significance of mitochondrial calcium and nitric oxide for apoptosis of human breast cancer cells induced by tamoxifen and etoposide. <i>International Journal of Molecular Medicine</i> , 2008, 21, 317-24.	4.0	18
30	Mitoenergetic failure in Alzheimer disease. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C8-C23.	4.6	126
31	Hypoxia/Reoxygenation of isolated rat heart mitochondria causes cytochrome c release and oxidative stress; evidence for involvement of mitochondrial nitric oxide synthase. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 43, 411-419.	1.9	52
32	12(S)-Hydroperoxyeicosatetraenoic acid (12-HETE) increases mitochondrial nitric oxide by increasing intramitochondrial calcium. <i>Archives of Biochemistry and Biophysics</i> , 2007, 468, 114-120.	3.0	56
33	Simultaneous age-related depolarization of mitochondrial membrane potential and increased mitochondrial reactive oxygen species production correlate with age-related glutamate excitotoxicity in rat hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2007, 85, 1018-1032.	2.9	58
34	Experimental excitotoxicity provokes oxidative damage in mice brain and attenuation by extract of <i>Asparagus racemosus</i> . <i>Journal of Neural Transmission</i> , 2004, 111, 1-12.	2.8	65
35	Susceptibility of hippocampus and cerebral cortex to oxidative damage in streptozotocin treated mice: prevention by extracts of <i>Withania somnifera</i> and <i>Aloe vera</i> . <i>Journal of Clinical Neuroscience</i> , 2004, 11, 397-402.	1.5	96
36	Alzheimer's disease pathogenesis and therapeutic interventions. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 456-467.	1.5	346

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37	Phenolic antioxidants attenuate hippocampal neuronal cell damage against kainic acid induced excitotoxicity. <i>Journal of Biosciences</i> , 2003, 28, 121-128.	1.1	77
38	Free radical induced increase in protein carbonyl is attenuated by low dose of adenosine in hippocampus and mid brain: implication in neurodegenerative disorders. <i>General Physiology and Biophysics</i> , 2003, 22, 29-39.	0.9	19
39	Superoxide Anion Radical Generation as a Temperature Stress Response in the Gills of Freshwater Catfish <i>Heteropneustes fossilis</i> : Role in Mucus Exudation Under Elevated Temperature. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 119, 211-216.	0.5	5
40	Reactive oxygen species and oxidative DNA damage. <i>Indian Journal of Physiology and Pharmacology</i> , 1998, 42, 440-52.	0.4	132
41	Reduction of lipid peroxidation in different brain regions by a combination of α -tocopherol and ascorbic acid. <i>Journal of Neural Transmission</i> , 1997, 104, 1277-1286.	2.8	26
42	Responses of superoxide dismutase, glutathione peroxidase and reduced glutathione antioxidant defenses in gills of the freshwater catfish (<i>Heteropneustes fossilis</i>) to short-term elevated temperature. <i>Journal of Thermal Biology</i> , 1997, 22, 151-156.	2.5	90
43	Changes in lipid peroxidation, superoxide dismutase activity, ascorbic acid and phospholipid content in liver of freshwater catfish <i>Heteropneustes fossilis</i> exposed to elevated temperature. <i>Journal of Thermal Biology</i> , 1996, 21, 323-330.	2.5	40
44	Lipid peroxidation and ascorbic acid status in respiratory organs of male and female freshwater catfish <i>Heteropneustes fossilis</i> exposed to temperature increase. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1995, 112, 309-313.	0.5	38
45	A comparative study of phospholipids in human, goat and chick amniotic fluid. <i>Biomedica Biochimica Acta</i> , 1991, 50, 955-8.	0.1	1
46	Total phospholipids in lung and amniotic fluid of chick in determining lung maturity. <i>Biomedica Biochimica Acta</i> , 1987, 46, 517-20.	0.1	1
47	Chemical Stabilisation of Sand : Part* II Construction and Studies of 50m X 4m Road. <i>Defence Science Journal</i> , 1981, 31, 323-327.	0.8	3
48	157. Estriol in amniotic fluid at various gestational periods and abnormalities. <i>The Journal of Steroid Biochemistry</i> , 1978, 9, 845-846.	1.1	0
49	Significance of mitochondrial calcium and nitric oxide for apoptosis of human breast cancer cells induced by tamoxifen and etoposide. <i>International Journal of Molecular Medicine</i> , 0, , .	4.0	9