

CITATION REPORT

List of articles citing

Mitochondrial control of neuron death and its role in neurodegenerative disorders

DOI: 10.1007/bf03179878

Journal of Physiology and Biochemistry, 2003, 59, 129-41.

Source: <https://exaly.com/paper-pdf/34938515/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
91	Cytoplasmic sequestration of HDAC7 from mitochondrial and nuclear compartments upon initiation of apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 51218-25	5.4	57
90	Protective roles of CNS mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2004 , 36, 299-302	3.7	7
89	Alternative translation initiation generates a novel isoform of insulin-degrading enzyme targeted to mitochondria. <i>Biochemical Journal</i> , 2004 , 383, 439-46	3.8	129
88	Role of oxidative stress in neurodegeneration: recent developments in assay methods for oxidative stress and nutraceutical antioxidants. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2004 , 28, 771-99	5.5	213
87	Malonate induces cell death via mitochondrial potential collapse and delayed swelling through an ROS-dependent pathway. <i>British Journal of Pharmacology</i> , 2005 , 144, 528-37	8.6	47
86	Activation of protein kinase C delta by proteolytic cleavage contributes to manganese-induced apoptosis in dopaminergic cells: protective role of Bcl-2. <i>Biochemical Pharmacology</i> , 2005 , 69, 133-46	6	59
85	Sensitivity of protein tyrosine phosphatase activity to the redox environment, cytochrome C, and microperoxidase. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1078-88	8.4	18
84	Long-term in vivo inhibition of CNS neurodegeneration by Bcl-XL gene transfer. <i>Molecular Therapy</i> , 2005 , 11, 373-81	11.7	78
83	Mitochondrial dysfunction and apoptosis underlie the pathogenic process in alpha-B-crystallin desmin-related cardiomyopathy. <i>Circulation</i> , 2005 , 112, 3451-61	16.7	162
82	Activation of p53 and the pro-apoptotic p53 target gene PUMA during depolarization-induced apoptosis of chromaffin cells. <i>Experimental Neurology</i> , 2005 , 196, 96-103	5.7	16
81	Involvement of mitochondrial potential and calcium buffering capacity in minocycline cytoprotective actions. <i>Neuroscience</i> , 2005 , 133, 959-67	3.9	51
80	Mechanisms of neuronal degeneration after ischemic stroke ¶Emerging targets for novel therapeutic strategies. <i>Drug Discovery Today Disease Mechanisms</i> , 2005 , 2, 463-470		6
79	Mecanismos reparadores neuronales en la enfermedad de Alzheimer. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2006 , 41, 74-80	1.7	
78	Dopamina y neurotoxicidad. <i>Psiquiatria Biologica</i> , 2006 , 13, 14-21	0.2	
77	Modulation of brain apoptosis-related proteins by the opioid antagonist naltrexone in mice. <i>Neuroscience Letters</i> , 2006 , 403, 276-9	3.3	19
76	Targeting Bid to prevent programmed cell death in neurons. <i>Biochemical Society Transactions</i> , 2006 , 34, 1334-40	5.1	33
75	Activation of mitochondrial pathway is crucial for tumor selective induction of apoptosis by LAQ824. <i>Cell Cycle</i> , 2006 , 5, 1662-8	4.7	39

74	Clinical implications of mitochondrial dysfunction. <i>Anesthesiology</i> , 2006 , 105, 819-37	4.3	81
73	The mitochondrial permeability transition from in vitro artifact to disease target. <i>FEBS Journal</i> , 2006 , 273, 2077-99	5.7	519
72	Modulation of apoptosis in the mouse brain after morphine treatments and morphine withdrawal. <i>Journal of Neuroscience Research</i> , 2006 , 83, 1352-61	4.4	53
71	Challenges in neuronal apoptosis. <i>Current Alzheimer Research</i> , 2006 , 3, 377-91	3	66
70	Molecular insights into mechanisms of the cell death program: role in the progression of neurodegenerative disorders. <i>Current Alzheimer Research</i> , 2006 , 3, 269-83	3	131
69	Caspase-9 regulates apoptosis/proliferation balance during metamorphic brain remodeling in <i>Xenopus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 8502-7	11.5	22
68	Decreased cerebrospinal fluid cytochrome c levels in patients with amyotrophic lateral sclerosis. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2007 , 67, 264-9	2	9
67	Hyperbaric oxygenation in peripheral nerve repair and regeneration. <i>Neurological Research</i> , 2007 , 29, 184-98	2.7	31
66	Calcium Signalling and Disease. <i>Sub-Cellular Biochemistry</i> , 2007 ,	5.5	20
65	Reactive oxygen species and p38 mitogen-activated protein kinase activate Bax to induce mitochondrial cytochrome c release and apoptosis in response to malonate. <i>Molecular Pharmacology</i> , 2007 , 71, 736-43	4.3	120
64	Effects of Alzheimer's amyloid-beta and tau protein on mitochondrial function -- role of glucose metabolism and insulin signalling. <i>Archives of Physiology and Biochemistry</i> , 2007 , 113, 131-41	2.2	41
63	6.5 Mitochondrial Mechanisms of Oxidative Stress and Apoptosis. 2007 , 703-734		
62	Calcium and cell death: the mitochondrial connection. <i>Sub-Cellular Biochemistry</i> , 2007 , 45, 481-506	5.5	145
61	Stroke pathophysiology: management challenges and new treatment advances. <i>Journal of Physiology and Biochemistry</i> , 2007 , 63, 261-77	5	11
60	Clinical implications of mitochondrial disease. <i>Advanced Drug Delivery Reviews</i> , 2008 , 60, 1553-60	18.5	22
59	Apoptotic outer hair cell death in the cochleae of aging Fischer 344/NHsd rats. <i>Hearing Research</i> , 2008 , 245, 48-57	3.9	22
58	Recommendations and treatment strategies for the management of acute ischemic stroke. <i>Expert Opinion on Pharmacotherapy</i> , 2008 , 9, 1071-85	4	32
57	Pharmacologic Management of Parkinson Disease: Choice of Initial Therapy in Early Disease. <i>Journal of Pharmacy Practice</i> , 2008 , 21, 244-253	1.3	1

56	Superoxide dismutases: a physiopharmacological update. <i>Journal of Physiology and Biochemistry</i> , 2009 , 65, 195-208	5	62
55	Neurodegeneration and peroxidases. <i>Neurobiology of Aging</i> , 2009 , 30, 1011-25	5.6	36
54	The antiapoptotic activity of melatonin in neurodegenerative diseases. <i>CNS Neuroscience and Therapeutics</i> , 2009 , 15, 345-57	6.8	176
53	Survivin: a target from brain cancer to neurodegenerative disease. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2010 , 45, 535-54	8.7	37
52	Mitochondrial biology in Alzheimer's disease pathogenesis. <i>Journal of Neurochemistry</i> , 2010 , 114, 933-456		52
51	Involvement of induction and mitochondrial targeting of orphan nuclear receptor Nur77 in 6-OHDA-induced SH-SY5Y cell death. <i>Neurochemistry International</i> , 2010 , 56, 620-6	4.4	19
50	Methadone induces necrotic-like cell death in SH-SY5Y cells by an impairment of mitochondrial ATP synthesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010 , 1802, 1036-47	6.9	40
49	Therapeutic window analysis of the neuroprotective effects of cyclosporine A after traumatic brain injury. <i>Journal of Neurotrauma</i> , 2011 , 28, 311-8	5.4	77
48	Neurobiological aspects of Alzheimer's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2011 , 15, 535-55	6.4	35
47	Hydrogen-rich medium protects human skin fibroblasts from high glucose or mannitol induced oxidative damage. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 409, 350-5	3.4	33
46	Role of oxidative stress and the mitochondrial permeability transition in methylmercury cytotoxicity. <i>NeuroToxicology</i> , 2011 , 32, 526-34	4.4	39
45	Fluazinan-induced apoptosis of SH-SY5Y cells is mediated by p53 and Bcl-2 family proteins. <i>NeuroToxicology</i> , 2011 , 32, 702-10	4.4	16
44	Suppressing inflammatory cascade by cyclo-oxygenase inhibitors attenuates quinolinic acid induced Huntington's disease-like alterations in rats. <i>Life Sciences</i> , 2011 , 88, 784-91	6.8	20
43	Cyclophilin D deficiency improves mitochondrial function and learning/memory in aging Alzheimer disease mouse model. <i>Neurobiology of Aging</i> , 2011 , 32, 398-406	5.6	160
42	Molecular mechanisms of β -crystallinopathy and its therapeutic strategy. <i>Biological and Pharmaceutical Bulletin</i> , 2011 , 34, 1653-8	2.3	23
41	Protective effect of N-acetylcysteine supplementation on mitochondrial oxidative stress and mitochondrial enzymes in cerebral cortex of streptozotocin-treated diabetic rats. <i>Mitochondrion</i> , 2011 , 11, 214-22	4.9	82
40	Post-injury administration of the mitochondrial permeability transition pore inhibitor, NIM811, is neuroprotective and improves cognition after traumatic brain injury in rats. <i>Journal of Neurotrauma</i> , 2011 , 28, 1845-53	5.4	56
39	Role of calcium and mitochondria in MeHg-mediated cytotoxicity. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 248764		38

38	Modulation of Apoptosis in Acute Ischemic Stroke as Treatment Challenges. <i>Current Immunology Reviews</i> , 2012 , 8, 39-49	1.3	
37	Fluazinan targets mitochondrial complex I to induce reactive oxygen species-dependent cytotoxicity in SH-SY5Y cells. <i>Neurochemistry International</i> , 2012 , 60, 773-81	4.4	15
36	Mitochondrial Disease. 2012 , 433-443		
35	Mitochondrial dynamics and mitophagy in the 6-hydroxydopamine preclinical model of Parkinson's disease. <i>Parkinson's Disease</i> , 2012 , 2012, 131058	2.6	17
34	Effects of dexpropampridone on brain mitochondrial conductances and cellular bioenergetic efficiency. <i>Brain Research</i> , 2012 , 1446, 1-11	3.7	39
33	In vitro neuroprotective potential of four medicinal plants against rotenone-induced toxicity in SH-SY5Y neuroblastoma cells. <i>BMC Complementary and Alternative Medicine</i> , 2013 , 13, 353	4.7	25
32	Autophagy regulates chlorpyrifos-induced apoptosis in SH-SY5Y cells. <i>Toxicology and Applied Pharmacology</i> , 2013 , 268, 55-67	4.6	65
31	The mitochondria-targeted anti-oxidant MitoQ reduces aspects of mitochondrial fission in the 6-OHDA cell model of Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 174-82	6.9	93
30	Experimental study on the effect of controlled hypotension levels on rabbit CA1 neurons. <i>Journal of Surgical Research</i> , 2013 , 182, e15-24	2.5	
29	Mitochondrial Alterations and Mitophagy in Response to 6-Hydroxydopamine. 2014 , 201-209		
28	6-Hydroxydopamine as Preclinical Model of Parkinson's Disease. 2014 , 639-651		1
27	Mitochondrial dysfunction in amyotrophic lateral sclerosis - a valid pharmacological target?. <i>British Journal of Pharmacology</i> , 2014 , 171, 2191-205	8.6	68
26	Neuroprotective Effect of Melatonin on Perinatal Hypoxia-Ischemia. 2014 , 86-97		
25	Risk of Amyotrophic Lateral Sclerosis in Patients With Diabetes: A Nationwide Population-Based Cohort Study. <i>Journal of Epidemiology</i> , 2015 , 25, 445-51	3.4	38
24	N-acetyl-L-tryptophan, but not N-acetyl-D-tryptophan, rescues neuronal cell death in models of amyotrophic lateral sclerosis. <i>Journal of Neurochemistry</i> , 2015 , 134, 956-68	6	23
23	Efecto del aceite esencial de Eucalyptus citriodora sobre el metabolismo energético mitocondrial. <i>Revista Colombiana De Quimica</i> , 2015 , 43, 10-17	0.6	1
22	Transient Cerebral Ischemia Promotes Brain Mitochondrial Dysfunction and Exacerbates Cognitive Impairments in Young 5xFAD Mice. <i>PLoS ONE</i> , 2015 , 10, e0144068	3.7	26
21	Beneficial Effect of Flavone Derivatives on Aβ-Induced Memory Deficit Is Mediated by Peroxisome Proliferator-Activated Receptor γ Coactivator 1α Comparative Study. <i>International Journal of Toxicology</i> , 2015 , 34, 274-83	2.4	7

20	Autophagy as a Neuroprotective Mechanism Against 3-Nitropropionic Acid-Induced Cell Death. <i>Current Topics in Neurotoxicity</i> , 2015 , 143-157		
19	Investigating the role of Sirt1-modulated oxidative stress in relation to benign paroxysmal positional vertigo and Parkinson's disease. <i>Neurobiology of Aging</i> , 2015 , 36, 2607-16	5.6	24
18	Toxicity and Autophagy in Neurodegenerative Disorders. <i>Current Topics in Neurotoxicity</i> , 2015 ,		1
17	Molecular and immune response characterizations of a novel AIF and cytochrome c in <i>Litopenaeus vannamei</i> defending against WSSV infection. <i>Fish and Shellfish Immunology</i> , 2016 , 56, 84-95	4.3	20
16	Protection of PC12 cells from cocaine-induced cell death by inhibiting mitochondrial permeability transition. <i>Neurochemistry International</i> , 2017 , 109, 34-40	4.4	1
15	Nootropic medicinal plants: Therapeutic alternatives for Alzheimer's disease. <i>Journal of Herbal Medicine</i> , 2019 , 17-18, 100291	2.3	11
14	Mitochondrial Degeneration and Autophagy Associated With Delayed Effects of Radiation in the Mouse Brain. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 357	5.3	3
13	<i>Corydalis edulis</i> total alkaloids (CETA) ameliorates cognitive dysfunction in rat model of Alzheimer disease through regulation of the antioxidant stress and MAP2/NF- κ B. <i>Journal of Ethnopharmacology</i> , 2020 , 251, 112540	5	5
12	Methylmercury disrupts autophagic flux by inhibiting autophagosome-lysosome fusion in mouse germ cells. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 198, 110667	7	7
11	Sevoflurane increases intracellular calcium to induce mitochondrial injury and neuroapoptosis. <i>Toxicology Letters</i> , 2021 , 336, 11-20	4.4	11
10	Targeting the Mitochondrial Permeability Transition Pore to Prevent Age-Associated Cell Damage and Neurodegeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6626484	6.7	9
9	Compartmentalized Signaling in Aging and Neurodegeneration. <i>Cells</i> , 2021 , 10,	7.9	3
8	Calcium imaging in neuron cell death. <i>Methods in Molecular Biology</i> , 2015 , 1254, 73-85	1.4	11
7	Activation of GSK-3 β and caspase-3 occurs in Nigral dopamine neurons during the development of apoptosis activated by a striatal injection of 6-hydroxydopamine. <i>PLoS ONE</i> , 2013 , 8, e70951	3.7	65
6	Mitochondrial Diseases. 2006 , 455-467		1
5	Fusion Models and Fusional Parkinsonism: Protection and Restoration by Exercise. 2014 , 2047-2063		
4	Unsterblichkeit oder Altern und Tod: Was will die Natur?. 2006 , 647-656		
3	Mechanisms of Acupuncture in Improving Alzheimer's Disease Caused by Mitochondrial Damage.. <i>Chinese Journal of Integrative Medicine</i> , 2022 , 28, 272-280	2.9	1

2	Permeability-Controlled Probe for Directly Visualizing the Opening of Mitochondrial Permeability Transition Pore in Native Status.. <i>Analytical Chemistry</i> , 2022 ,	7.8	1
1	Case report: Stereotactic body radiation therapy with 12 Gy for silencing refractory ventricular tachycardia. 9,		0