

Apoptosis and Oxidative Stress in Neurodegenerative D

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stem Cell Approaches for Treatment of Neurodegenerative Diseases. <i>Clinical Pharmacology & Biopharmaceutics</i> , 2014, 3, .	0.2	0
2	Apoptosis in Alzheimer's Disease: An Understanding of the Physiology, Pathology and Therapeutic Avenues. <i>Neurochemical Research</i> , 2014, 39, 2301-2312.	1.6	246
3	Cerebrovascular changes in the rat brain in two models of ischemia. <i>Pathophysiology</i> , 2014, 21, 199-209.	1.0	6
4	Nrf2 in health and disease: current and future clinical implications. <i>Clinical Science</i> , 2015, 129, 989-999.	1.8	101
5	The Role of Oxidative Stress in Neurodegenerative Diseases. <i>Experimental Neurobiology</i> , 2015, 24, 325-340.	0.7	1,035
6	Circadian Rhythmicity of Antioxidant Markers in Rats Exposed to 1.8 GHz Radiofrequency Fields. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 2071-2087.	1.2	14
7	Chronic Glutamate Toxicity in Neurodegenerative Diseases—What is the Evidence?. <i>Frontiers in Neuroscience</i> , 2015, 9, 469.	1.4	528
8	Neurotoxicity by Synthetic Androgen Steroids: Oxidative Stress, Apoptosis, and Neuropathology: A Review. <i>Current Neuropharmacology</i> , 2015, 13, 132-145.	1.4	69
9	The Role of Oxidative Damage in the Pathogenesis and Progression of Alzheimer's Disease and Vascular Dementia. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	1.9	115
10	Mitochondrial function in neuronal cells depends on p97/VCP/Cdc48-mediated quality control. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 16.	1.8	38
11	Cocktail of Four Active Components Derived from Sheng Mai San Inhibits Hydrogen Peroxide-Induced PC12 Cell Apoptosis Linked with the Caspase-3/ROCK1/MLC Pathway. <i>Rejuvenation Research</i> , 2015, 18, 517-527.	0.9	32
12	N-Palmitoylethanolamine and Neuroinflammation: a Novel Therapeutic Strategy of Resolution. <i>Molecular Neurobiology</i> , 2015, 52, 1034-1042.	1.9	105
13	Benzothiazepine CGP37157 Analogues Exert Cytoprotection in Various in Vitro Models of Neurodegeneration. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1626-1636.	1.7	10
14	LC/MS analysis of cardiolipins in substantia nigra and plasma of rotenone-treated rats: Implication for mitochondrial dysfunction in Parkinson's disease. <i>Free Radical Research</i> , 2015, 49, 681-691.	1.5	60
15	Neuroprotective effects of 3-O-demethylswertipunicoside against MPTP-induced Parkinson's disease in vivo and its antioxidant properties in vitro. <i>Brain Research</i> , 2015, 1624, 78-85.	1.1	1
16	Naringenin improves learning and memory in an Alzheimer's disease rat model: Insights into the underlying mechanisms. <i>European Journal of Pharmacology</i> , 2015, 764, 195-201.	1.7	133
17	Central nervous system-specific knockout of Brg1 causes growth retardation and neuronal degeneration. <i>Brain Research</i> , 2015, 1622, 186-195.	1.1	15
18	Lactoferrin and ovotransferrin contribute toward antioxidative effects of Edible Bird's Nest against hydrogen peroxide-induced oxidative stress in human SH-SY5Y cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1570-1578.	0.6	37

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19	Serum- and Glucocorticoid-Inducible Kinase 1 Confers Protection in Cell-Based and in Vivo Neurotoxin Models via the c-Jun N-Terminal Kinase Signaling Pathway. <i>Molecular and Cellular Biology</i> , 2015, 35, 1992-2006.	1.1	19
20	A Potent Multi-functional Neuroprotective Derivative of Tetramethylpyrazine. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 977-987.	1.1	34
21	Soluble Sugar-Based Quinoline Derivatives as New Antioxidant Modulators of Metal-Induced Amyloid Aggregation. <i>Inorganic Chemistry</i> , 2015, 54, 2591-2602.	1.9	47
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24	HSP70 protects human neuroblastoma cells from apoptosis and oxidative stress induced by amyloid peptide isoAsp7-Al ² (1-42). <i>Cell Death and Disease</i> , 2015, 6, e1977-e1977.	2.7	25
25	Origin of endogenous nitric oxide released in the nucleus accumbens under real-time in vivo conditions. <i>Life Sciences</i> , 2015, 134, 79-84.	2.0	8
26	Resveratrol Protects PC12 Cells from High Glucose-Induced Neurotoxicity Via PI3K/Akt/FoxO3a Pathway. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 513-522.	1.7	53
27	Oxidative Stress and Parkinson's Disease: Effects on Environmental Toxicology. , 2016, , .		4
28	Ginsenoside Rg1 Protects against Oxidative Stress-induced Neuronal Apoptosis through Myosin IIA-actin Related Cytoskeletal Reorganization. <i>International Journal of Biological Sciences</i> , 2016, 12, 1341-1356.	2.6	42
29	Green Tea Polyphenols Attenuated Glutamate Excitotoxicity via Antioxidative and Antiapoptotic Pathway in the Primary Cultured Cortical Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 1-8.	1.9	33
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31	Phlorofucofuroeckol Improves Glutamate-Induced Neurotoxicity through Modulation of Oxidative Stress-Mediated Mitochondrial Dysfunction in PC12 Cells. <i>PLoS ONE</i> , 2016, 11, e0163433.	1.1	35
32	Improved Neuroprotection Provided by Drug Combination in Neurons Exposed to Cell-Derived Soluble Amyloid- β Peptide. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 975-987.	1.2	8
33	Indirect effects of TiO ₂ nanoparticle on neuron-glia cell interactions. <i>Chemico-Biological Interactions</i> , 2016, 254, 34-44.	1.7	26
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35	Alkali metals levels in the human brain tissue: Anatomical region differences and age-related changes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 174-182.	1.5	12
36	Gartanin Protects Neurons against Glutamate-Induced Cell Death in HT22 Cells: Independence of Nrf-2 but Involvement of HO-1 and AMPK. <i>Neurochemical Research</i> , 2016, 41, 2267-2277.	1.6	20

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37	Early effects of A β ² 1-42 oligomers injection in mice: Involvement of PI3K/Akt/GSK3 and MAPK/ERK1/2 pathways. <i>Behavioural Brain Research</i> , 2016, 314, 106-115.	1.2	57
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41	Arecoline Induces Neurotoxicity to PC12 Cells: Involvement in ER Stress and Disturbance of Endogenous H ₂ S Generation. <i>Neurochemical Research</i> , 2016, 41, 2140-2148.	1.6	15
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44	Melatonin and caffeic acid phenethyl ester in the regulation of mitochondrial function and apoptosis: The basis for future medical approaches. <i>Life Sciences</i> , 2016, 148, 305-312.	2.0	17
45	Effect of the pituitary adenylate cyclase-activating polypeptide on the autophagic activation observed in in vitro and in vivo models of Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 688-695.	1.8	22
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50	Role of the Cell Cycle Re-Initiation in DNA Damage Response of Post-Mitotic Cells and Its Implication in the Pathogenesis of Neurodegenerative Diseases. <i>Rejuvenation Research</i> , 2016, 19, 131-139.	0.9	19
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52	Protein aggregation, misfolding and consequential human neurodegenerative diseases. <i>International Journal of Neuroscience</i> , 2017, 127, 1047-1057.	0.8	44
53	Endothelin Confers Protection against High Glucose-Induced Neurotoxicity via Alleviation of Oxidative Stress. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 130-139.	1.3	11
54	Effects of silver nanoparticles on the interactions of neuron and glia-like cells: Toxicity, uptake mechanisms, and lysosomal tracking. <i>Environmental Toxicology</i> , 2017, 32, 1742-1753.	2.1	50

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55	Thiamine deficiency induces endoplasmic reticulum stress and oxidative stress in human neurons derived from induced pluripotent stem cells. <i>Toxicology and Applied Pharmacology</i> , 2017, 320, 26-31.	1.3	22
56	Synthesis of new heterocyclic compounds based on pyrazolopyridine scaffold and evaluation of their neuroprotective potential in MPP + -induced neurodegeneration. <i>European Journal of Medicinal Chemistry</i> , 2017, 129, 41-52.	2.6	26
57	Measurements of morphological and biophysical alterations in individual neuron cells associated with early neurotoxic effects in Parkinson's disease. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 510-518.	1.1	71
58	Acute and long-term effects of intracerebroventricular administration of β -ketoisocaproic acid on oxidative stress parameters and cognitive and noncognitive behaviors. <i>Metabolic Brain Disease</i> , 2017, 32, 1507-1518.	1.4	9
59	Investigation of the expression of apoptosis-inducing factor-mediated apoptosis in Hirschsprung's disease. <i>NeuroReport</i> , 2017, 28, 571-578.	0.6	2
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61	Catalase as a sulfide-sulfur oxido-reductase: An ancient (and modern?) regulator of reactive sulfur species (RSS). <i>Redox Biology</i> , 2017, 12, 325-339.	3.9	123
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63	Astroglia as a cellular target for neuroprotection and treatment of neuro-psychiatric disorders. <i>Glia</i> , 2017, 65, 1205-1226.	2.5	88
64	Oxidative Stress Mediated Hippocampal Neuron Apoptosis Participated in Carbon Disulfide-Induced Rats Cognitive Dysfunction. <i>Neurochemical Research</i> , 2017, 42, 583-594.	1.6	23
65	In vitro neuroprotective potential of lichen metabolite fumarprotocetraric acid via intracellular redox modulation. <i>Toxicology and Applied Pharmacology</i> , 2017, 316, 83-94.	1.3	23
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68	Nrf2-mediated neuroprotection by MANF against 6-OHDA-induced cell damage via PI3K/AKT/GSK3 β pathway. <i>Experimental Gerontology</i> , 2017, 100, 77-86.	1.2	51
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71	Ultrasound-mediated piezoelectric differentiation of neuron-like PC12 cells on PVDF membranes. <i>Scientific Reports</i> , 2017, 7, 4028.	1.6	131
72	Molecular and Therapeutic Targets of Genistein in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 7028-7041.	1.9	61

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73	Neuroserpin Attenuates H ₂ O ₂ -Induced Oxidative Stress in Hippocampal Neurons via AKT and BCL-2 Signaling Pathways. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 123-131.	1.1	18
74	Thiamine Deficiency and Neurodegeneration: the Interplay Among Oxidative Stress, Endoplasmic Reticulum Stress, and Autophagy. <i>Molecular Neurobiology</i> , 2017, 54, 5440-5448.	1.9	107
75	Multitarget Tacrine Hybrids with Neuroprotective Properties to Confront Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1006-1026.	1.0	75
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84	Vitamin D in Oxidative Stress and Diseases. , 0, , .		2
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90	Brain gray matter volume differences in obese youth with type 2 diabetes: a pilot study. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 261-268.	0.4	9

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91	Alkylated resveratrol prodrugs and metabolites as potential therapeutics for neurodegenerative diseases. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 123-138.	2.6	60
92	Chemical composition, antioxidant potential, macromolecule damage and neuroprotective activity of <i>Convolvulus pluricaulis</i> . <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 483-496.	1.5	32
93	Î ² -Ecdysterone protects SH-SY5Y cells against Î ² -amyloid-induced apoptosis via c-Jun N-terminal kinase- and Akt-associated complementary pathways. <i>Laboratory Investigation</i> , 2018, 98, 489-499.	1.7	37
94	Phosphodiesterase 4 and 7 inhibitors produce protective effects against high glucose-induced neurotoxicity in PC12 cells via modulation of the oxidative stress, apoptosis and inflammation pathways. <i>Metabolic Brain Disease</i> , 2018, 33, 1293-1306.	1.4	15
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97	VDAC1, mitochondrial dysfunction, and Alzheimer's disease. <i>Pharmacological Research</i> , 2018, 131, 87-101.	3.1	153
98	Nutrient-driven <i>circadian</i> clock in proteostasis and neurodegeneration. <i>Journal of Neurochemistry</i> , 2018, 144, 7-34.	2.1	64
99	Sevoflurane Affects Oxidative Stress and Alters Apoptosis Status in Children and Cultured Neural Stem Cells. <i>Neurotoxicity Research</i> , 2018, 33, 790-800.	1.3	23
100	Live or let die: Neuroprotective and anti-cancer effects of nutraceutical antioxidants. , 2018, 183, 137-151.		50
101	SIRT1 mediates salidroside-elicited protective effects against MPP ⁺ -induced apoptosis and oxidative stress in SH-SY5Y cells: involvement in suppressing MAPK pathways. <i>Cell Biology International</i> , 2018, 42, 84-94.	1.4	27
102	Metabolism of hydrogen sulfide (H ₂ S) and Production of Reactive Sulfur Species (RSS) by superoxide dismutase. <i>Redox Biology</i> , 2018, 15, 74-85.	3.9	125
103	Protective Effects of Fisetin Against 6-OHDA-Induced Apoptosis by Activation of PI3K-Akt Signaling in Human Neuroblastoma SH-SY5Y Cells. <i>Neurochemical Research</i> , 2018, 43, 488-499.	1.6	21
104	Thioredoxin-albumin fusion protein prevents copper enhanced zinc-induced neurotoxicity via its antioxidative activity. <i>International Journal of Pharmaceutics</i> , 2018, 535, 140-147.	2.6	20
105	Association of Dopamine Beta-Hydroxylase Polymorphisms with Alzheimer's Disease, Parkinson's Disease and Schizophrenia: Evidence Based on Currently Available Loci. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 411-428.	1.1	21
106	Genipin protects against H ₂ O ₂ -induced oxidative damage in retinal pigment epithelial cells by promoting Nrf2 signaling. <i>International Journal of Molecular Medicine</i> , 2019, 43, 936-944.	1.8	34
107	2-(4-Methoxyphenyl)ethyl-2-Acetamido-2-deoxy-Î ² -d-pyranoside (A Salidroside Analog) Confers Neuroprotection with a Wide Therapeutic Window by Regulating Local Glucose Metabolism in a Rat Model of Cerebral Ischemic Injury. <i>Neuroscience</i> , 2018, 391, 60-72.	1.1	11
108	Anti-apoptotic effects of human placental hydrolysate against hepatocyte toxicity in vivo and in vitro. <i>International Journal of Molecular Medicine</i> , 2018, 42, 2569-2583.	1.8	24

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110	Activation of $\alpha 7$ nicotinic acetylcholine receptor alleviates $A\beta 1-42$ -induced neurotoxicity via downregulation of p38 and JNK MAPK signaling pathways. <i>Neurochemistry International</i> , 2018, 120, 238-250.	1.9	37
111	17 β -Estradiol as a Neuroprotective Agent. , 0, , .		3
112	Valproic acid attenuates $A\beta 25-35$ -induced neurotoxicity in PC12 cells through suppression of mitochondria-mediated apoptotic pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 77-82.	2.5	21
113	Effects of Lignans from <i>Schisandra chinensis</i> Rattan Stems against $A\beta 1-42$ -Induced Memory Impairment in Rats and Neurotoxicity in Primary Neuronal Cells. <i>Molecules</i> , 2018, 23, 870.	1.7	8
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115	Krill oil protects PC12 cells against methamphetamine-induced neurotoxicity by inhibiting apoptotic response and oxidative stress. <i>Nutrition Research</i> , 2018, 58, 84-94.	1.3	27
116	High serum levels of 8-OHdG are an independent predictor of post-stroke depression in Chinese stroke survivors. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 587-596.	1.0	24
117	Preliminary Observation about Alteration of Proteins and Their Potential Functions in Spinal Cord of SOD1 G93A Transgenic Mice. <i>International Journal of Biological Sciences</i> , 2018, 14, 1306-1320.	2.6	12
118	Iron and Alzheimer's Disease: An Update on Emerging Mechanisms. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S379-S395.	1.2	205
119	Intravenous immunoglobulin ameliorates motor and cognitive deficits and neuropathology in R6/2 mouse model of Huntington's disease by decreasing mutant huntingtin protein level and normalizing NF- κ B signaling pathway. <i>Brain Research</i> , 2018, 1697, 21-33.	1.1	8
120	Perhydroxyl Radical (HO $_2^{\bullet}$) as Inducer of the Isoprostane Lipid Peroxidation in Mitochondria. <i>Molecular Biology</i> , 2018, 52, 295-305.	0.4	18
121	Development of Multifunctional Molecules as Potential Therapeutic Candidates for Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis in the Last Decade. <i>Chemical Reviews</i> , 2019, 119, 1221-1322.	23.0	360
122	Role of Melatonin in Aluminum-Related Neurodegenerative Disorders: a Review. <i>Biological Trace Element Research</i> , 2019, 188, 60-67.	1.9	25
123	Macrophage Migration Inhibitory Factor Mediates Neuroprotective Effects by Regulating Inflammation, Apoptosis and Autophagy in Parkinson's Disease. <i>Neuroscience</i> , 2019, 416, 50-62.	1.1	30
124	Triptrolide antagonizes triptolide-induced nephrocyte apoptosis via inhibiting oxidative stress in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109232.	2.5	19
125	Current Progress of Research on Neurodegenerative Diseases of Salvianolic Acid B. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	1.9	29
126	The toxic effects and possible mechanisms of glyphosate on mouse oocytes. <i>Chemosphere</i> , 2019, 237, 124435.	4.2	49

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127	Ginsenoside Re Inhibits ROS/ASK-1 Dependent Mitochondrial Apoptosis Pathway and Activation of Nrf2-Antioxidant Response in Beta-Amyloid-Challenged SH-SY5Y Cells. <i>Molecules</i> , 2019, 24, 2687.	1.7	52
128	Mangiferin: A multipotent natural product preventing neurodegeneration in Alzheimer's and Parkinson's disease models. <i>Pharmacological Research</i> , 2019, 146, 104336.	3.1	67
129	Anti-Oxidant Activity of Gallotannin-Enriched Extract of Galla Rhois Can Associate with the Protection of the Cognitive Impairment through the Regulation of BDNF Signaling Pathway and Neuronal Cell Function in the Scopolamine-Treated ICR Mice. <i>Antioxidants</i> , 2019, 8, 450.	2.2	12
130	Recent Developments in the Reduction of Oxidative Stress through Antioxidant Polymeric Formulations. <i>Pharmaceutics</i> , 2019, 11, 505.	2.0	24
131	Design, synthesis and biological evaluation of cinnamic acid derivatives with synergetic neuroprotection and angiogenesis effect. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111695.	2.6	18
132	Emerging Signal Regulating Potential of Genistein Against Alzheimer's Disease: A Promising Molecule of Interest. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 197.	1.8	91
133	Inflammasome-mediated innate immunity in Alzheimer's disease. <i>FASEB Journal</i> , 2019, 33, 13075-13084.	0.2	55
134	Diseases Related to Types of Free Radicals. , 0, , .		17
135	Extracellular vesicles from endothelial progenitor cells prevent steroid-induced osteoporosis by suppressing the ferroptotic pathway in mouse osteoblasts based on bioinformatics evidence. <i>Scientific Reports</i> , 2019, 9, 16130.	1.6	48
136	Brain Iron Metabolism and CNS Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	11
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