

CITATION REPORT

List of articles citing

Proteasome inhibitor MG-132 induces dopaminergic degeneration in cell culture and animal models

DOI: 10.1016/j.neuro.2006.06.006
NeuroToxicology, 2006, 27, 807-15.

Source: <https://exaly.com/paper-pdf/39907136/citation-report.pdf>

Version: 2024-04-24

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
86	A novel peptide inhibitor targeted to caspase-3 cleavage site of a proapoptotic kinase protein kinase C delta (PKCdelta) protects against dopaminergic neuronal degeneration in Parkinson's disease models. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1578-89	7.8	54
85	Protein kinase C delta negatively regulates tyrosine hydroxylase activity and dopamine synthesis by enhancing protein phosphatase-2A activity in dopaminergic neurons. <i>Journal of Neuroscience</i> , 2007 , 27, 5349-62	6.6	82
84	Pharmacological inhibition of neuronal NADPH oxidase protects against 1-methyl-4-phenylpyridinium (MPP+)-induced oxidative stress and apoptosis in mesencephalic dopaminergic neuronal cells. <i>NeuroToxicology</i> , 2007 , 28, 988-97	4.4	99
83	Proteasome inhibitor model of Parkinson's disease in mice is confounded by neurotoxicity of the ethanol vehicle. <i>Movement Disorders</i> , 2007 , 22, 403-7	7	21
82	A comparative study of proteasomal inhibition and apoptosis induced in N27 mesencephalic cells by dopamine and MG132. <i>Journal of Neurochemistry</i> , 2007 , 102, 913-21	6	25
81	Proteasome inhibition is associated with manganese-induced oxidative injury in PC12 cells. <i>Brain Research</i> , 2007 , 1185, 359-65	3.7	21
80	Environmental neurotoxic chemicals-induced ubiquitin proteasome system dysfunction in the pathogenesis and progression of Parkinson's disease. <i>Pharmacology & Therapeutics</i> , 2007 , 114, 327-44	13.9	49
79	Adaptation to chronic MG132 reduces oxidative toxicity by a CuZnSOD-dependent mechanism. <i>Journal of Neurochemistry</i> , 2008 , 106, 860-74	6	22
78	Proteasome inhibitor-induced apoptosis is mediated by positive feedback amplification of PKCdelta proteolytic activation and mitochondrial translocation. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 2467-81	5.6	44
77	Endogenous dopamine (DA) renders dopaminergic cells vulnerable to challenge of proteasome inhibitor MG132. <i>Free Radical Research</i> , 2008 , 42, 456-66	4	12
76	Mitogen-activated protein (MAP) kinase/MAP kinase phosphatase regulation: roles in cell growth, death, and cancer. <i>Pharmacological Reviews</i> , 2008 , 60, 261-310	22.5	470
75	c-Jun N-terminal kinase mediates lactacystin-induced dopamine neuron degeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008 , 67, 933-44	3.1	22
74	Water and ion channels: crucial in the initiation and progression of apoptosis in central nervous system?. <i>Current Neuropharmacology</i> , 2008 , 6, 102-16	7.6	30
73	Protein stability and aggregation in Parkinson's disease. <i>Biochemical Journal</i> , 2008 , 413, 1-13	3.8	37
72	Investigating bacterial sources of toxicity as an environmental contributor to dopaminergic neurodegeneration. <i>PLoS ONE</i> , 2009 , 4, e7227	3.7	39
71	Mitochondrial accumulation of polyubiquitinated proteins and differential regulation of apoptosis by polyubiquitination sites Lys-48 and -63. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1632-1643	5.6	23
70	Proteasome system of protein degradation and processing. <i>Biochemistry (Moscow)</i> , 2009 , 74, 1411-42	2.9	95

69	Curcumin enhances paraquat-induced apoptosis of N27 mesencephalic cells via the generation of reactive oxygen species. <i>NeuroToxicology</i> , 2009 , 30, 1008-18	4.4	26
68	Androgens induce dopaminergic neurotoxicity via caspase-3-dependent activation of protein kinase Cdelta. <i>Endocrinology</i> , 2009 , 150, 5539-48	4.8	56
67	TGF-beta 1 enhances neurite outgrowth via regulation of proteasome function and EFABP. <i>Neurobiology of Disease</i> , 2010 , 38, 395-404	7.5	36
66	The effects of dose and route of administration of PSI on behavioural and biochemical indices of neuronal degeneration in the rat brain. <i>Brain Research</i> , 2010 , 1354, 236-42	3.7	6
65	Proteasome inhibition modeling nigral neuron degeneration in Parkinson's disease. <i>Journal of Neurochemistry</i> , 2010 , 115, 188-99	6	73
64	Selective susceptibility of human dopaminergic neural stem cells to dopamine-induced apoptosis. <i>Experimental Neurobiology</i> , 2010 , 19, 155-64	4	14
63	Catecholaminergic Cell Lines for the Study of Dopamine Metabolism and Neurotoxicity. <i>Neuromethods</i> , 2011 , 383-402	0.4	2
62	In Vitro Neurotoxicology. <i>Methods in Molecular Biology</i> , 2011 ,	1.4	5
61	Proteomic characterization of aggregating proteins after the inhibition of the ubiquitin proteasome system. <i>Journal of Proteome Research</i> , 2011 , 10, 1062-72	5.6	43
60	Measurement of proteasomal dysfunction in cell models of dopaminergic degeneration. <i>Methods in Molecular Biology</i> , 2011 , 758, 293-305	1.4	2
59	LRRK2 mutant iPSC-derived DA neurons demonstrate increased susceptibility to oxidative stress. <i>Cell Stem Cell</i> , 2011 , 8, 267-80	18	572
58	Presenilin is necessary for efficient proteolysis through the autophagy-lysosome system in a Bsecretase-independent manner. <i>Journal of Neuroscience</i> , 2011 , 31, 2781-91	6.6	110
57	Roles of p53 and p27(Kip1) in the regulation of neurogenesis in the murine adult subventricular zone. <i>European Journal of Neuroscience</i> , 2011 , 34, 1040-52	3.5	33
56	Effects of manganese on tyrosine hydroxylase (TH) activity and TH-phosphorylation in a dopaminergic neural cell line. <i>Toxicology and Applied Pharmacology</i> , 2011 , 254, 65-71	4.6	50
55	Manganese nanoparticle activates mitochondrial dependent apoptotic signaling and autophagy in dopaminergic neuronal cells. <i>Toxicology and Applied Pharmacology</i> , 2011 , 256, 227-40	4.6	101
54	The effect of nNOS inhibitors on toxin-induced cell death in dopaminergic cell lines depends on the extent of enzyme expression. <i>Brain Research</i> , 2011 , 1404, 21-30	3.7	10
53	Molecular pathology in neurodegenerative diseases. <i>Current Drug Targets</i> , 2012 , 13, 1548-59	3	22
52	Emerging neurotoxic mechanisms in environmental factors-induced neurodegeneration. <i>NeuroToxicology</i> , 2012 , 33, 833-7	4.4	44

51	Centrosomal aggregates and Golgi fragmentation disrupt vesicular trafficking of DAT. <i>Neurobiology of Aging</i> , 2012 , 33, 2462-77	5.6	9
50	Methamphetamine-induced neurotoxicity linked to ubiquitin-proteasome system dysfunction and autophagy-related changes that can be modulated by protein kinase C delta in dopaminergic neuronal cells. <i>Neuroscience</i> , 2012 , 210, 308-32	3.9	67
49	DJ-1 protein protects dopaminergic neurons against 6-OHDA/MG-132-induced neurotoxicity in rats. <i>Brain Research Bulletin</i> , 2012 , 88, 609-16	3.9	31
48	Proteolytic activation of proapoptotic kinase protein kinase C by tumor necrosis factor death receptor signaling in dopaminergic neurons during neuroinflammation. <i>Journal of Neuroinflammation</i> , 2012 , 9, 82	10.1	51
47	Proteasome inhibition leads to early loss of synaptic proteins in neuronal culture. <i>Journal of Neural Transmission</i> , 2012 , 119, 1467-76	4.3	9
46	Protein degradation pathways in Parkinson's disease: curse or blessing. <i>Acta Neuropathologica</i> , 2012 , 124, 153-72	14.3	175
45	Fas expression promotes proteasomal activity in toxin-induced parkinsonism. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 166-71	3.9	
44	Oxidative protein damage and the proteasome. <i>Amino Acids</i> , 2012 , 42, 23-38	3.5	48
43	Direct intranigral administration of an ubiquitin proteasome system inhibitor in rat: behavior, positron emission tomography, immunohistochemistry. <i>Experimental Neurology</i> , 2013 , 247, 19-24	5.7	28
42	Oxidative stress, neurodegeneration, and the balance of protein degradation and protein synthesis. <i>Free Radical Biology and Medicine</i> , 2013 , 62, 170-185	7.8	246
41	N-Acetyl cysteine blunts proteotoxicity in a heat shock protein-dependent manner. <i>Neuroscience</i> , 2013 , 255, 19-32	3.9	12
40	Quality control system response to stochastic growth of amyloid fibrils. <i>FEBS Letters</i> , 2013 , 587, 1405-10, 8	3.8	1
39	Detrimental effects of proteasome inhibition activity in <i>Drosophila melanogaster</i> : implication of ER stress, autophagy, and apoptosis. <i>Cell Biology and Toxicology</i> , 2013 , 29, 13-37	7.4	20
38	Nigrostriatal pathway degeneration in rats after intraperitoneal administration of proteasome inhibitor MG-132. <i>Folia Neuropathologica</i> , 2014 , 52, 41-55	2.6	5
37	Carbenoxolone Exerts Neuroprotection in an Animal Model of Parkinson's Disease Induced by Proteasome Inhibitor MG-132. <i>American Journal of Biomedical Sciences</i> , 2014 , 175-190		
36	Adaptation and sensitization to proteotoxic stress. <i>Dose-Response</i> , 2014 , 12, 24-56	2.3	11
35	Pathogenic effects of amyotrophic lateral sclerosis-linked mutation in D-amino acid oxidase are mediated by D-serine. <i>Neurobiology of Aging</i> , 2014 , 35, 876-85	5.6	26
34	Baicalein attenuates proteasome inhibition-induced apoptosis by suppressing the activation of the mitochondrial pathway and the caspase-8- and Bid-dependent pathways. <i>European Journal of Pharmacology</i> , 2014 , 730, 116-24	5.3	22

33	3,4,5-tricaffeoylquinic acid attenuates proteasome inhibition-mediated programmed cell death in differentiated PC12 cells. <i>Neurochemical Research</i> , 2014 , 39, 1416-25	4.6	
32	Compensatory role of the Nrf2-ARE pathway against paraquat toxicity: Relevance of 26S proteasome activity. <i>Journal of Pharmacological Sciences</i> , 2015 , 129, 150-9	3.7	15
31	K(ATP) channel block prevents proteasome inhibitor-induced apoptosis in differentiated PC12 cells. <i>European Journal of Pharmacology</i> , 2015 , 764, 582-591	5.3	9
30	A feature analysis of lower solubility proteins in three eukaryotic systems. <i>Journal of Proteomics</i> , 2015 , 118, 21-38	3.9	11
29	Heat shock protein defenses in the neocortex and allocortex of the telencephalon. <i>Neurobiology of Aging</i> , 2015 , 36, 1924-37	5.6	9
28	Flavanonol taxifolin attenuates proteasome inhibition-induced apoptosis in differentiated PC12 cells by suppressing cell death process. <i>Neurochemical Research</i> , 2015 , 40, 480-91	4.6	10
27	Elevated Hapln2 Expression Contributes to Protein Aggregation and Neurodegeneration in an Animal Model of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 197	5.3	6
26	IDENTIFICATION OF PROTEASOME ALPHA6 SUBUNIT ASSOCIATED WITH DELTAMETHRIN RESISTANCE IN <i>Drosophila melanogaster</i> Kc CELLS. <i>Archives of Insect Biochemistry and Physiology</i> , 2016 , 91, 124-34	2.3	2
25	Synergistic stress exacerbation in hippocampal neurons: Evidence favoring the dual-hit hypothesis of neurodegeneration. <i>Hippocampus</i> , 2016 , 26, 980-94	3.5	13
24	Changes in sleep characteristics of rat preclinical model of Parkinson's disease based on attenuation of the ubiquitin-proteasome system activity in the brain. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2016 , 52, 463-474	0.5	9
23	Lamotrigine Attenuates Proteasome Inhibition-Induced Apoptosis by Suppressing the Activation of the Mitochondrial Pathway and the Caspase-8- and Bid-Dependent Pathways. <i>Neurochemical Research</i> , 2016 , 41, 2503-2516	4.6	9
22	Apigenin Reduces Proteasome Inhibition-Induced Neuronal Apoptosis by Suppressing the Cell Death Process. <i>Neurochemical Research</i> , 2016 , 41, 2969-2980	4.6	7
21	Silica-coated magnetic nanoparticles impair proteasome activity and increase the formation of cytoplasmic inclusion bodies in vitro. <i>Scientific Reports</i> , 2016 , 6, 29095	4.9	24
20	Role of aquaporins in cell proliferation: What else beyond water permeability?. <i>Channels</i> , 2016 , 10, 185-201		30
19	Astrocytes Surviving Severe Stress Can Still Protect Neighboring Neurons from Proteotoxic Injury. <i>Molecular Neurobiology</i> , 2016 , 53, 4939-60	6.2	10
18	Inhibition of Protein Ubiquitination by Paraquat and 1-Methyl-4-Phenylpyridinium Impairs Ubiquitin-Dependent Protein Degradation Pathways. <i>Molecular Neurobiology</i> , 2016 , 53, 5229-51	6.2	27
17	The Proteasome Inhibition Model of Parkinson's Disease. <i>Journal of Parkinsons Disease</i> , 2017 , 7, 31-63	5.3	55
16	Orobol derivatives and extracts from <i>Cudrania tricuspidata</i> fruits protect against 6-hydroxydomamine-induced neuronal cell death by enhancing proteasome activity and the ubiquitin/proteasome-dependent degradation of β -synuclein and synphilin-1. <i>Journal of Functional Foods</i> , 2017 , 28, 104-114	5.1	8

15	-Acetyl-L-Cysteine Protects Astrocytes against Proteotoxicity without Recourse to Glutathione. <i>Molecular Pharmacology</i> , 2017 , 92, 564-575	4.3	19
14	Heat shock protein (Hsp) regulation by muscarinic acetylcholine receptor (mAChR) activation in the rat hippocampus. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6107-6116	7	8
13	Sulforaphane attenuates postnatal proteasome inhibition and improves spatial learning in adult mice. <i>Journal of Nutritional Biochemistry</i> , 2018 , 51, 69-79	6.3	10
12	Parkinson's disease: experimental models and reality. <i>Acta Neuropathologica</i> , 2018 , 135, 13-32	14.3	61
11	Longitudinal monoaminergic PET imaging of chronic proteasome inhibition in minipigs. <i>Scientific Reports</i> , 2018 , 8, 15715	4.9	7
10	Neurotoxicity of pesticides. <i>Acta Neuropathologica</i> , 2019 , 138, 343-362	14.3	112
9	Hapln2 in Neurological Diseases and Its Potential as Therapeutic Target. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 60	5.3	4
8	Mechanistic Interplay Between Autophagy and Apoptotic Signaling in Endosulfan-Induced Dopaminergic Neurotoxicity: Relevance to the Adverse Outcome Pathway in Pesticide Neurotoxicity. <i>Toxicological Sciences</i> , 2019 , 169, 333-352	4.4	22
7	Inhibition of Siah2 ubiquitin ligase ameliorates monocrotaline-induced pulmonary arterial remodeling through inactivation of YAP. <i>Life Sciences</i> , 2020 , 242, 117159	6.8	2
6	Effect of environmental toxicants on neuronal functions. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 44906-44921	5.1	7
5	Effects of Cholesterol in Stress-Related Neuronal Death-A Statistical Analysis Perspective. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	0
4	Niclosamide prevents the formation of large ubiquitin-containing aggregates caused by proteasome inhibition. <i>PLoS ONE</i> , 2010 , 5, e14410	3.7	18
3	The Macrophage-Specific Transcription Factor Can Be Modified Posttranslationally by Ubiquitination in the Lipopolysaccharide-Treated Macrophages. <i>Tuberculosis and Respiratory Diseases</i> , 2011 , 70, 113	3.2	2
2	Cerebrospinal Fluid Metabolome in Parkinson's Disease and Multiple System Atrophy.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	0
1	CHAPTER 10. Protein Oxidation, Quality-Control Mechanisms and Parkinson's Disease. <i>Issues in Toxicology</i> , 277-324	0.3	