

CITATION REPORT

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Pharmacological enhancement of neuronal survival

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Critical Reviews in Toxicology, 2008, 38, 349-89.

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#	Paper	IF	Citations
43	Dose-response features of neuroprotective agents: an integrative summary. <i>Critical Reviews in Toxicology</i> , 2008 , 38, 253-348	5.7	36
42	Astrocytes: adaptive responses to low doses of neurotoxins. <i>Critical Reviews in Toxicology</i> , 2008 , 38, 463-571	5.7	28
41	. 2009 ,		20
40	Interpreting dose-response curves using homeodynamic data: with an improved explanation for hormesis. <i>Dose-Response</i> , 2009 , 7, 221-33	2.3	18
39	Hormesis, non-linearity, and risk communication. <i>Human and Experimental Toxicology</i> , 2009 , 28, 5-6	3.4	3
38	Getting the dose-response wrong: why hormesis became marginalized and the threshold model accepted. <i>Archives of Toxicology</i> , 2009 , 83, 227-47	5.8	100
37	Vitagenes, cellular stress response, and acetylcarnitine: relevance to hormesis. <i>BioFactors</i> , 2009 , 35, 146-60	6.0	67
36	Phenolics in Aging and Neurodegenerative Disorders. 427-451		6
35	Cellular stress responses, the hormesis paradigm, and vitagenes: novel targets for therapeutic intervention in neurodegenerative disorders. <i>Antioxidants and Redox Signaling</i> , 2010 , 13, 1763-811	8.4	434
34	Hormesis is central to toxicology, pharmacology and risk assessment. <i>Human and Experimental Toxicology</i> , 2010 , 29, 249-61	3.4	182
33	Hormesis and Cancer Risks: Issues and Resolution. 2010 , 191-206		
32	Expression of tyrosine hydroxylase increases the resistance of human neuroblastoma cells to oxidative insults. <i>Toxicological Sciences</i> , 2010 , 113, 150-7	4.4	16
31	The hormetic role of dietary antioxidants in free radical-related diseases. <i>Current Pharmaceutical Design</i> , 2010 , 16, 877-83	3.3	117
30	Resveratrol commonly displays hormesis: occurrence and biomedical significance. <i>Human and Experimental Toxicology</i> , 2010 , 29, 980-1015	3.4	163
29	Hormesis, cellular stress response and vitagenes as critical determinants in aging and longevity. <i>Molecular Aspects of Medicine</i> , 2011 , 32, 279-304	16.7	163
28	Hormesis provides a generalized quantitative estimate of biological plasticity. <i>Journal of Cell Communication and Signaling</i> , 2011 , 5, 25-38	5.2	152
27	Methamphetamine treatment during development attenuates the dopaminergic deficits caused by subsequent high-dose methamphetamine administration. <i>Synapse</i> , 2011 , 65, 771-7	2.4	10

26	Ethanol and acetaldehyde disturb TNF-alpha and IL-6 production in cultured astrocytes. <i>Human and Experimental Toxicology</i> , 2011 , 30, 1256-65	3.4	15
25	Molecular, Clinical and Environmental Toxicology. <i>Exs</i> , 2012 ,		62
24	Hormesis: why it is important to biogerontologists. <i>Biogerontology</i> , 2012 , 13, 215-35	4.5	76
23	Hormesis: its impact on medicine and health. <i>Human and Experimental Toxicology</i> , 2013 , 32, 120-52	3.4	85
22	Traumatic brain injury: oxidative stress and neuroprotection. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 836-53	8.4	210
21	Adaptation and sensitization to proteotoxic stress. <i>Dose-Response</i> , 2014 , 12, 24-56	2.3	11
20	Changes in the Dose-Response Relationship of One Toxicant Under Simultaneous Exposure to Another Toxicant. <i>Dose-Response</i> , 2016 , 14, 1559325816672935	2.3	6
19	Major pathogenic mechanisms in vascular dementia: Roles of cellular stress response and hormesis in neuroprotection. <i>Journal of Neuroscience Research</i> , 2016 , 94, 1588-1603	4.4	62
18	Hormesis, cellular stress response, and redox homeostasis in autism spectrum disorders. <i>Journal of Neuroscience Research</i> , 2016 , 94, 1488-1498	4.4	30
17	Hormetic effect of panaxatriol saponins confers neuroprotection in PC12 cells and zebrafish through PI3K/AKT/mTOR and AMPK/SIRT1/FOXO3 pathways. <i>Scientific Reports</i> , 2017 , 7, 41082	4.9	49
16	Berberine protects against 6-OHDA-induced neurotoxicity in PC12 cells and zebrafish through hormetic mechanisms involving PI3K/AKT/Bcl-2 and Nrf2/HO-1 pathways. <i>Redox Biology</i> , 2017 , 11, 1-11	11.3	98
15	Inflammasomes, hormesis, and antioxidants in neuroinflammation: Role of NRLP3 in Alzheimer disease. <i>Journal of Neuroscience Research</i> , 2017 , 95, 1360-1372	4.4	82
14	Ferulic Acid exerts concentration-dependent anti-apoptotic and neuronal differentiation-inducing effects in PC12 and mouse neural stem cells. <i>European Journal of Pharmacology</i> , 2018 , 841, 104-112	5.3	17
13	Hormetic approaches to the treatment of Parkinson's disease: Perspectives and possibilities. <i>Journal of Neuroscience Research</i> , 2018 , 96, 1641-1662	4.4	60
12	Synthetic cannabinoids and their impact on neurodevelopmental processes. <i>Addiction Biology</i> , 2020 , 25, e12824	4.6	12
11	A Multimodal Ca(II) Responsive Near IR-MR Contrast Agent Exhibiting High Cellular Uptake. <i>ACS Chemical Biology</i> , 2020 , 15, 334-341	4.9	7
10	Hormesis: Transforming disciplines that rely on the dose response. <i>IUBMB Life</i> , 2021 ,	4.7	10
9	PLGA-Based Curcumin Delivery System: An Interesting Therapeutic Approach in Treatment of Alzheimer's Disease. <i>Current Neuropharmacology</i> , 2021 ,	7.6	3

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6	Hormesis: A potential strategic approach to the treatment of neurodegenerative disease. <i>International Review of Neurobiology</i> , 2020 , 155, 271-301	4.4	17
5	A synopsis on the role of tyrosine hydroxylase in Parkinson's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 395-409	2.6	82
4	The role of hormesis in the functional performance and protection of neural systems. <i>Brain Circulation</i> , 2017 , 3, 1-13	2.7	25
3	Restoring cerebral circulation and function postmortem: A multidimensional analysis. <i>Brain Circulation</i> , 2019 , 5, 94-96	2.7	
2	POTENTIAL PREVENTION AND TREATMENT OF NEURODEGENERATIVE DISORDERS BY OLIVE POLYPHENOLS AND HYDROX.. <i>Mechanisms of Ageing and Development</i> , 2022 , 111637	5.6	3
1	XENOHORMESIS UNDERLYES THE ANTI-AGING AND HEALTHY PROPERTIES OF OLIVE POLYPHENOLS.. <i>Mechanisms of Ageing and Development</i> , 2022 , 111620	5.6	2