

# CITATION REPORT

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## Dose-response features of neuroprotective agents: an integrative summary

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Critical Reviews in Toxicology, 2008, 38, 253-348.

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#	Paper	IF	Citations
39	Enhanced integrated stress response promotes myelinating oligodendrocyte survival in response to interferon-gamma. <i>American Journal of Pathology</i> , <b>2008</b> , 173, 1508-17	5.8	78
38	Neuroscience and hormesis: overview and general findings. <i>Critical Reviews in Toxicology</i> , <b>2008</b> , 38, 249-527	5.7	92
37	A perspective on the scientific, philosophical, and policy dimensions of hormesis. <i>Dose-Response</i> , <b>2009</b> , 7, 1-51	2.3	69
36	Hormesis, non-linearity, and risk communication. <i>Human and Experimental Toxicology</i> , <b>2009</b> , 28, 5-6	3.4	3
35	Getting the dose-response wrong: why hormesis became marginalized and the threshold model accepted. <i>Archives of Toxicology</i> , <b>2009</b> , 83, 227-47	5.8	100
34	Vitagenes, cellular stress response, and acetylcarnitine: relevance to hormesis. <i>BioFactors</i> , <b>2009</b> , 35, 146-60	6.0	67
33	Cellular stress responses, the hormesis paradigm, and vitagenes: novel targets for therapeutic intervention in neurodegenerative disorders. <i>Antioxidants and Redox Signaling</i> , <b>2010</b> , 13, 1763-811	8.4	434
32	Hormesis is central to toxicology, pharmacology and risk assessment. <i>Human and Experimental Toxicology</i> , <b>2010</b> , 29, 249-61	3.4	182
31	Effects of cysteamine on MPTP-induced dopaminergic neurodegeneration in mice. <i>Brain Research</i> , <b>2010</b> , 1335, 74-82	3.7	34
30	Hormesis and Cancer Risks: Issues and Resolution. <b>2010</b> , 191-206		
29	Resveratrol commonly displays hormesis: occurrence and biomedical significance. <i>Human and Experimental Toxicology</i> , <b>2010</b> , 29, 980-1015	3.4	163
28	Ethanol and acetaldehyde disturb TNF-alpha and IL-6 production in cultured astrocytes. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 1256-65	3.4	15
27	Hormesis and Female Sex Hormones. <i>Pharmaceuticals</i> , <b>2011</b> , 4, 726-740	5.2	11
26	Hormesis pervasiveness and its potential implications for pharmaceutical research and development. <i>Dose-Response</i> , <b>2011</b> , 9, 377-86	2.3	9
25	Topical FK962 facilitates axonal regeneration and recovery of corneal sensitivity after flap surgery in rabbits. <i>American Journal of Ophthalmology</i> , <b>2012</b> , 153, 651-60, 660.e1	4.9	11
24	Hormesis: why it is important to biogerontologists. <i>Biogerontology</i> , <b>2012</b> , 13, 215-35	4.5	76
23	Reproductive and transgenerational toxicities of phenanthrene on female marine medaka ( <i>Oryzias melastigma</i> ). <i>Aquatic Toxicology</i> , <b>2015</b> , 162, 109-116	5.1	40

22	HORMESIS: A Fundamental Concept with Widespread Biological and Biomedical Applications. <i>Gerontology</i> , <b>2016</b> , 62, 530-5	5.5	44
21	Major pathogenic mechanisms in vascular dementia: Roles of cellular stress response and hormesis in neuroprotection. <i>Journal of Neuroscience Research</i> , <b>2016</b> , 94, 1588-1603	4.4	62
20	Hormesis, cellular stress response, and redox homeostasis in autism spectrum disorders. <i>Journal of Neuroscience Research</i> , <b>2016</b> , 94, 1488-1498	4.4	30
19	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> , <b>2017</b> , 7, 41082	4.9	49
18	In Silico Ocular Pharmacokinetic Modeling: Delivery of Topical FK962 to Retina. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2017</b> , 33, 556-566	2.6	5
17	FK962 induces neurite outgrowth in cultured monkey trigeminal ganglion cells. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2017</b> , 255, 107-112	3.8	1
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> , <b>2017</b> , 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> , <b>2017</b> , 95, 1360-1372	4.4	82
14	Lost and found: what we have learned from the progesterone for traumatic brain injury trials. <i>Future Neurology</i> , <b>2017</b> , 12, 57-59	1.5	
13	Hormetic approaches to the treatment of Parkinson's disease: Perspectives and possibilities. <i>Journal of Neuroscience Research</i> , <b>2018</b> , 96, 1641-1662	4.4	60
12	Wave-Like Dose-Dependence of the Stimulating Effects of Dimebon on Cognition in a Wide Dose Range. <i>Bulletin of Experimental Biology and Medicine</i> , <b>2019</b> , 167, 740-743	0.8	1
11	Putative hormetic mechanisms and effects of atypical antipsychotic agents: Implications for study design and clinical psychopharmacotherapeutics. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 333, 109327	5	
10	The antibiotic doxycycline mimics the NGF signaling in PC12 cells: A relevant mechanism for neuroprotection. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 341, 109454	5	3
9	Hormesis: Transforming disciplines that rely on the dose response. <i>IUBMB Life</i> , <b>2021</b> ,	4.7	10
8	PLGA-Based Curcumin Delivery System: An Interesting Therapeutic Approach in Treatment of Alzheimer's Disease. <i>Current Neuropharmacology</i> , <b>2021</b> ,	7.6	3
7	Hormesis: A potential strategic approach to the treatment of neurodegenerative disease. <i>International Review of Neurobiology</i> , <b>2020</b> , 155, 271-301	4.4	17
6	The role of hormesis in the functional performance and protection of neural systems. <i>Brain Circulation</i> , <b>2017</b> , 3, 1-13	2.7	25
5	POTENTIAL PREVENTION AND TREATMENT OF NEURODEGENERATIVE DISORDERS BY OLIVE POLYPHENOLS AND HYDROX.. <i>Mechanisms of Ageing and Development</i> , <b>2022</b> , 111637	5.6	3

- 4 Adenosine A1R/A3R Agonist AST-004 Reduces Brain Infarction in Mouse and Rat Models of Acute Ischemic Stroke.
- 3 Multifaceted role of polyphenols in the treatment and management of neurodegenerative diseases. **2022**, 307, 136020 2
- 2 Adenosine A1R/A3R agonist AST-004 reduces brain infarction in mouse and rat models of acute ischemic stroke. 1, 0
- 1 Bioactive Compounds of the Mediterranean Diet as Nutritional Support to Fight Neurodegenerative Disease. **2023**, 24, 7318 0