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Awareness of hormesis will enhance future research in basic and applied neuroscience

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#	Paper	IF	Citations
74	Can stress in farm animals increase food safety risk?. <i>Foodborne Pathogens and Disease</i> , 2009 , 6, 767-76	3.8	81
73	Evidence-based drug treatment in amyotrophic lateral sclerosis and upcoming clinical trials. <i>Therapeutic Advances in Neurological Disorders</i> , 2009 , 2, 319-26	6.6	28
72	Aging: an important factor for the pathogenesis of neurodegenerative diseases. <i>Mechanisms of Ageing and Development</i> , 2009 , 130, 203-15	5.6	165
71	Roles of the lipid peroxidation product 4-hydroxynonenal in obesity, the metabolic syndrome, and associated vascular and neurodegenerative disorders. <i>Experimental Gerontology</i> , 2009 , 44, 625-33	4.5	217
70	Vitagenes, cellular stress response, and acetylcarnitine: relevance to hormesis. <i>BioFactors</i> , 2009 , 35, 146-60	6.0	67
69	Pathogenesis of adolescent idiopathic scoliosis in girls - a double neuro-osseous theory involving disharmony between two nervous systems, somatic and autonomic expressed in the spine and trunk: possible dependency on sympathetic nervous system and hormones with implications for medical therapy. <i>Scoliosis</i> , 2009 , 4, 24		76
68	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
67	Towards a unifying, systems biology understanding of large-scale cellular death and destruction caused by poorly liganded iron: Parkinson's, Huntington's, Alzheimer's, prions, bactericides, chemical toxicology and others as examples. <i>Archives of Toxicology</i> , 2010 , 84, 825-89	5.8	292
66	Adverse stress, hippocampal networks, and Alzheimer's disease. <i>NeuroMolecular Medicine</i> , 2010 , 12, 56-70	4.6	138
65	Plumbagin, a novel Nrf2/ARE activator, protects against cerebral ischemia. <i>Journal of Neurochemistry</i> , 2010 , 112, 1316-26	6	141
64	Hormesis: Calabrese Responds. <i>Environmental Health Perspectives</i> , 2010 , 118,	8.4	1
63	The impact of dietary energy intake on cognitive aging. <i>Frontiers in Aging Neuroscience</i> , 2010 , 2, 5	5.3	63
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58	Selenium from dietary sources and motor functions in the Brazilian Amazon. <i>NeuroToxicology</i> , 2011 , 32, 944-53	4.4	40

57	The paradoxical nature of nature. 1-13		2
56	Aberrant subcellular neuronal calcium regulation in aging and Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011 , 1813, 965-73	4.9	88
55	Opportunities and limitations of changes in lifespan in laboratory experiment. <i>Advances in Gerontology</i> , 2011 , 1, 255-259	0.4	1
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49	Effects of Ignatia amara in mouse behavioural models. <i>Homeopathy</i> , 2012 , 101, 57-67	1.4	14
48	No evidence of selenosis from a selenium-rich diet in the Brazilian Amazon. <i>Environment International</i> , 2012 , 40, 128-136	12.9	43
47	Adaptive responses to alloxan-induced mild oxidative stress ameliorate certain tauopathy phenotypes. <i>Aging Cell</i> , 2012 , 11, 51-62	9.9	8
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34	Risk assessment for human health in a seleniferous area, ShuangShan, China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 17701-17710	5.1	18
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27	Mitochondrial fragmentation affects neither the sensitivity to TNF-induced apoptosis of Brucella-infected cells nor the intracellular replication of the bacteria. <i>Scientific Reports</i> , 2018 , 8, 5173	4.9	8
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24	Aerobic exercise upregulates the BDNF-Serotonin systems and improves the cognitive function in rats. <i>Neurobiology of Learning and Memory</i> , 2018 , 155, 528-542	3.1	39
23	The Continuum of Aging and Age-Related Diseases: Common Mechanisms but Different Rates. <i>Frontiers in Medicine</i> , 2018 , 5, 61	4.9	319
22	Lactate and pyruvate promote oxidative stress resistance through hormetic ROS signaling. <i>Cell Death and Disease</i> , 2019 , 10, 653	9.8	66

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20	Physiological Responses of Intrinsic Small Abalone <i>Haliotis diversicolor aquatilis</i> under High Temperature Stress by Low Level 60CO Gamma Irradiation-Mediated Hormetic Effect. <i>Journal of Marine Science and Engineering</i> , 2020 , 8, 906	2.4	1
19	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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