Vipan K Parihar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9516803/publications.pdf

Version: 2024-02-01

41 papers	2,917 citations	172207 29 h-index	276539 41 g-index
41 all docs	41 docs citations	41 times ranked	3549 citing authors

#	Article	IF	Citations
1	Protective role of herbal formulation-divine noni against cisplatin-induced cytotoxicity in healthy cells by activating Nrf2 expression: An in-vivo and in-vitro approach. Phytomedicine Plus, 2021, 1, 100009.	0.9	5
2	Detrimental impacts of mixed-ion radiation on nervous system function. Neurobiology of Disease, 2021, 151, 105252.	2.1	20
3	The Cannabinoid Receptor 1 Reverse Agonist AM251 Ameliorates Radiation-Induced Cognitive Decrements. Frontiers in Cellular Neuroscience, 2021, 15, 668286.	1.8	2
4	Sex-Specific Cognitive Deficits Following Space Radiation Exposure. Frontiers in Behavioral Neuroscience, 2020, 14, 535885.	1.0	29
5	Neurological Impairments in Mice Subjected to Irradiation and Chemotherapy. Radiation Research, 2020, 193, 407.	0.7	12
6	An Appraisal of Current Pharmacological Perspectives of Sesamol: A Review. Mini-Reviews in Medicinal Chemistry, 2020, 20, 988-1000.	1.1	27
7	Radiotherapy and Its Impact on the Nervous System of Cancer Survivors. CNS and Neurological Disorders - Drug Targets, 2020, 19, 374-385.	0.8	5
8	Stochastic Modeling of Radiation-induced Dendritic Damage on in silico Mouse Hippocampal Neurons. Scientific Reports, 2018, 8, 5494.	1.6	14
9	Persistent nature of alterations in cognition and neuronal circuit excitability after exposure to simulated cosmic radiation in mice. Experimental Neurology, 2018, 305, 44-55.	2.0	103
10	Alterations in synaptic density and myelination in response to exposure to high-energy charged particles. Journal of Comparative Neurology, 2018, 526, 2845-2855.	0.9	23
11	Epigenetic determinants of space radiation-induced cognitive dysfunction. Scientific Reports, 2017, 7, 42885.	1.6	50
12	Neurophysiology of space travel: energetic solar particles cause cell type-specific plasticity of neurotransmission. Brain Structure and Function, 2017, 222, 2345-2357.	1.2	47
13	Cranial grafting of stem cell-derived microvesicles improves cognition and reduces neuropathology in the irradiated brain. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4836-4841.	3.3	79
14	Contrasting the effects of proton irradiation on dendritic complexity of subiculum neurons in wild type and MCAT mice. Environmental and Molecular Mutagenesis, 2016, 57, 364-371.	0.9	21
15	Cosmic radiation exposure and persistent cognitive dysfunction. Scientific Reports, 2016, 6, 34774.	1.6	167
16	Elimination of microglia improves cognitive function following cranial irradiation. Scientific Reports, 2016, 6, 31545.	1.6	195
17	Defining the Optimal Window for Cranial Transplantation of Human Induced Pluripotent Stem Cell-Derived Cells to Ameliorate Radiation-Induced Cognitive Impairment. Stem Cells Translational Medicine, 2015, 4, 74-83.	1.6	30
18	Targeted Overexpression of Mitochondrial Catalase Prevents Radiation-Induced Cognitive Dysfunction. Antioxidants and Redox Signaling, 2015, 22, 78-91.	2.5	80

#	Article	IF	Citations
19	Resveratrol Prevents Age-Related Memory and Mood Dysfunction with Increased Hippocampal Neurogenesis and Microvasculature and Reduced Glial Activation. Scientific Reports, 2015, 5, 8075.	1.6	134
20	Stem Cell Transplantation Reverses Chemotherapy-Induced Cognitive Dysfunction. Cancer Research, 2015, 75, 676-686.	0.4	66
21	What happens to your brain on the way to Mars. Science Advances, 2015, 1, .	4.7	179
22	Persistent changes in neuronal structure and synaptic plasticity caused by proton irradiation. Brain Structure and Function, 2015, 220, 1161-1171.	1.2	131
23	Irradiation of Neurons with High-Energy Charged Particles: An In Silico Modeling Approach. PLoS Computational Biology, 2015, 11, e1004428.	1.5	29
24	Consequences of Low Dose Ionizing Radiation Exposure on the Hippocampal Microenvironment. PLoS ONE, 2015, 10, e0128316.	1.1	40
25	Functional Consequences of Radiation-Induced Oxidative Stress in Cultured Neural Stem Cells and the Brain Exposed to Charged Particle Irradiation. Antioxidants and Redox Signaling, 2014, 20, 1410-1422.	2.5	111
26	Preliminary investigation of cytotoxic potential of 2-quinolone derivatives using in vitro and in vivo (solid tumor and liquid tumor) models of cancer. Arabian Journal of Chemistry, 2014, 7, 409-417.	2.3	14
27	Defining functional changes in the brain caused by targeted stereotaxic radiosurgery. Translational Cancer Research, 2014, 3, 124-137.	0.4	34
28	Mitochondrial-Targeted Human Catalase Affords Neuroprotection From Proton Irradiation. Radiation Research, 2013, 180, 1-6.	0.7	46
29	Cranial irradiation compromises neuronal architecture in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12822-12827.	3.3	177
30	Preliminary evaluation of in vitro cytotoxicity and in vivo antitumor activity of Premna herbacea Roxb. in Ehrlich ascites carcinoma model and Dalton's lymphoma ascites model. Experimental and Toxicologic Pathology, 2013, 65, 235-242.	2.1	49
31	Sesamol Treatment Reduces Plasma Cholesterol and Triacylglycerol Levels in Mouse Models of Acute and Chronic Hyperlipidemia. Lipids, 2013, 48, 633-638.	0.7	44
32	Mood and Memory Deficits in a Model of Gulf War Illness Are Linked with Reduced Neurogenesis, Partial Neuron Loss, and Mild Inflammation in the Hippocampus. Neuropsychopharmacology, 2013, 38, 2348-2362.	2.8	147
33	Impaired Cognitive Function and Hippocampal Neurogenesis following Cancer Chemotherapy. Clinical Cancer Research, 2012, 18, 1954-1965.	3.2	234
34	Predictable chronic mild stress improves mood, hippocampal neurogenesis and memory. Molecular Psychiatry, 2011, 16, 171-183.	4.1	181
35	Differential Susceptibility of Interneurons Expressing Neuropeptide Y or Parvalbumin in the Aged Hippocampus to Acute Seizure Activity. PLoS ONE, 2011, 6, e24493.	1.1	62
36	Antitumor and antioxidant activity ofPolyalthia longifoliastem bark ethanol extract. Pharmaceutical Biology, 2010, 48, 690-696.	1.3	25

#	Article	IF	Citations
37	Ficus racemosaStem Bark Extract: A Potent Antioxidant and a Probable Natural Radioprotector. Evidence-based Complementary and Alternative Medicine, 2009, 6, 317-324.	0.5	67
38	Synthesis and antitumor activity of optically active thiourea and their 2-aminobenzothiazole derivatives: A novel class of anticancer agents. European Journal of Medicinal Chemistry, 2009, 44, 2923-2929.	2.6	119
39	Antioxidant and radioprotective effect of the active fraction of Pilea microphylla (L.) ethanolic extract. Chemico-Biological Interactions, 2007, 165, 22-32.	1.7	43
40	Free radical scavenging and radioprotective activity of dehydrozingerone against whole body gamma irradiation in Swiss albino mice. Chemico-Biological Interactions, 2007, 170, 49-58.	1.7	44
41	Evaluation and optimization of radioprotective activity ofCoronopus didymusLinn. in Î³-irradiated mice. International Journal of Radiation Biology, 2006, 82, 525-536.	1.0	32