Atish Prakash

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3517015/publications.pdf

Version: 2024-02-01

53 papers	2,216 citations	186209 28 h-index	223716 46 g-index
54 all docs	54 docs citations	54 times ranked	3439 citing authors

#	Article	IF	Citations
1	Naringin alleviates cognitive impairment, mitochondrial dysfunction and oxidative stress induced by d-galactose in mice. Food and Chemical Toxicology, 2010, 48, 626-632.	1.8	161
2	Protective effect of curcumin (Curcuma longa), against aluminium toxicity: Possible behavioral and biochemical alterations in rats. Behavioural Brain Research, 2009, 205, 384-390.	1.2	158
3	Implicating the role of lycopene in restoration of mitochondrial enzymes and BDNF levels in Î²-amyloid induced Alzheimer×³s disease. European Journal of Pharmacology, 2014, 741, 104-111.	1.7	103
4	Development, characterization and nasal delivery of rosmarinic acid-loaded solid lipid nanoparticles for the effective management of Huntingtonâ€™s disease. Drug Delivery, 2015, 22, 931-939.	2.5	100
5	Zinc: indications in brain disorders. Fundamental and Clinical Pharmacology, 2015, 29, 131-149.	1.0	95
6	Centella asiaticaAttenuates D-Galactose-Induced Cognitive Impairment, Oxidative and Mitochondrial Dysfunction in Mice. International Journal of Alzheimer's Disease, 2011, 2011, 1-9.	1.1	91
7	Neuroprotective effect of carvedilol against aluminium induced toxicity: possible behavioral and biochemical alterations in rats. Pharmacological Reports, 2011, 63, 915-923.	1.5	81
8	Role of Nuclear Receptor on Regulation of BDNF and Neuroinflammation in Hippocampus of Î²-Amyloid Animal Model of Alzheimerâ€™s Disease. Neurotoxicity Research, 2014, 25, 335-347.	1.3	79
9	Neuroprotective Effects ofCentella asiaticaagainst Intracerebroventricular Colchicine-Induced Cognitive Impairment and Oxidative Stress. International Journal of Alzheimer's Disease, 2009, 2009, 1-8.	1.1	77
10	Protective Effect of Naringin, a Citrus Flavonoid, Against Colchicine-Induced Cognitive Dysfunction and Oxidative Damage in Rats. Journal of Medicinal Food, 2010, 13, 976-984.	0.8	77
11	Effect of Nâ€Acetyl Cysteine against Aluminiumâ€induced Cognitive Dysfunction and Oxidative Damage in Rats. Basic and Clinical Pharmacology and Toxicology, 2009, 105, 98-104.	1.2	68
12	Protective effect of curcumin (Curcuma longa) against<scp>d</scp>-galactose-induced senescence in mice. Journal of Asian Natural Products Research, 2011, 13, 42-55.	0.7	65
13	Brain delivery of intranasalin situgel of nanoparticulated polymeric carriers containing antidepressant drug: behavioral and biochemical assessment. Journal of Drug Targeting, 2015, 23, 275-286.	2.1	57
14	Naringin protects memory impairment and mitochondrial oxidative damage against aluminum-induced neurotoxicity in rats. International Journal of Neuroscience, 2013, 123, 636-645.	0.8	54
15	Effect of carvedilol on behavioral, mitochondrial dysfunction, and oxidative damage against d-galactose induced senescence in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 431-441.	1.4	52
16	Mitoprotective effect of Centella asiatica against aluminum-induced neurotoxicity in rats: possible relevance to its anti-oxidant and anti-apoptosis mechanism. Neurological Sciences, 2013, 34, 1403-1409.	0.9	52
17	Neuroprotective effect of hemeoxygenase-1/glycogen synthase kinase-3Î² modulators in 3-nitropropionic acid-induced neurotoxicity in rats. Neuroscience, 2015, 287, 66-77.	1.1	51
18	Brain biometals and Alzheimer's disease â€“ boon or bane?. International Journal of Neuroscience, 2017, 127, 99-108.	0.8	48

#	Article	IF	Citations
19	Ceftriaxone mediated rescue of nigral oxidative damage and motor deficits in MPTP model of Parkinson's disease in rats. NeuroToxicology, 2014, 44, 71-79.	1.4	44
20	Effect of St. John's Wort (Hypericum perforatum) treatment on restraint stress-induced behavioral and biochemical alteration in mice. BMC Complementary and Alternative Medicine, 2010, 10, 18.	3.7	41
21	Lycopene protects against memory impairment and mito-oxidative damage induced by colchicine in rats: An evidence of nitric oxide signaling. European Journal of Pharmacology, 2013, 721, 373-381.	1.7	40
22	Ceftriaxone attenuates glutamate-mediated neuro-inflammation and restores BDNF in MPTP model of Parkinsonâ€™s disease in rats. Pathophysiology, 2017, 24, 71-79.	1.0	35
23	Potential pharmacological strategies for the improved treatment of organophosphate-induced neurotoxicity. Canadian Journal of Physiology and Pharmacology, 2014, 92, 893-911.	0.7	34
24	Galantamine potentiates the protective effect of rofecoxib and caffeic acid against intrahippocampal Kainic acid-induced cognitive dysfunction in rat. Brain Research Bulletin, 2011, 85, 158-168.	1.4	33
25	Montelukast potentiates the protective effect of rofecoxib against kainic acid-induced cognitive dysfunction in rats. Pharmacology Biochemistry and Behavior, 2012, 103, 43-52.	1.3	33
26	Pioglitazone alleviates the mitochondrial apoptotic pathway and mitoâ€oxidative damage in the <scp>d</scp>â€galactoseâ€induced mouse model. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 644-651.	0.9	33
27	Neuroprotective effect of N-acetyl cysteine against streptozotocin-induced memory dysfunction and oxidative damage in rats. Journal of Basic and Clinical Physiology and Pharmacology, 2015, 26, 13-23.	0.7	32
28	Pharmacological evaluation of nasal delivery of selegiline hydrochloride-loaded thiolated chitosan nanoparticles for the treatment of depression. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1-13.	1.9	32
29	Hepatoprotective potential of antioxidant potent fraction from Urtica dioica Linn. (whole plant) in CCl 4 challenged rats. Toxicology Reports, 2015, 2, 1101-1110.	1.6	30
30	Cerebroprotective effects of RAS inhibitors: Beyond their cardio-renal actions. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 459-468.	1.0	29
31	Beneficial effect of candesartan and lisinopril against haloperidol-induced tardive dyskinesia in rat. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 917-929.	1.0	29
32	Pharmacological approaches for Alzheimerâ€™s disease: neurotransmitter as drug targets. Expert Review of Neurotherapeutics, 2015, 15, 53-71.	1.4	27
33	Synergistic hepatoprotective potential of ethanolic extract of Solanum xanthocarpum and Juniperus communis against paracetamol and azithromycin induced liver injury in rats. Journal of Traditional and Complementary Medicine, 2016, 6, 370-376.	1.5	26
34	Modulation of LOX and COX pathways via inhibition of amyloidogenesis contributes to mitoprotection against Î²-amyloid oligomer-induced toxicity in an animal model of Alzheimer's disease in rats. Pharmacology Biochemistry and Behavior, 2016, 146-147, 1-12.	1.3	25
35	Antioxidant-Rich Fraction of Urtica dioica Mediated Rescue of Striatal Mito-Oxidative Damage in MPTP-Induced Behavioral, Cellular, and Neurochemical Alterations in Rats. Molecular Neurobiology, 2017, 54, 5632-5645.	1.9	24
36	Neuroprotective potential of antioxidant potent fractions fromConvolvulus pluricaulisChois. in 3-nitropropionic acid challenged rats. Nutritional Neuroscience, 2016, 19, 70-78.	1.5	23

#	Article	IF	Citations
37	Effect of chronic treatment of carvedilol on oxidative stress in an intracerebroventricular streptozotocin induced model of dementia in rats. Journal of Pharmacy and Pharmacology, 2009, 61, 1665-1672.	1.2	23
38	Possible role of GABA-B receptor modulation in MPTP induced Parkinson's disease in rats. Experimental and Toxicologic Pathology, 2015, 67, 211-217.	2.1	22
39	Involvement of the nitric oxide signaling in modulation of naringin against intranasal manganese and intracerbroventricular Î²-amyloid induced neurotoxicity in rats. Journal of Nutritional Biochemistry, 2020, 76, 108255.	1.9	22
40	Possible role of endothelin receptor against hyperhomocysteinemia and Î²-amyloid induced AD type of vascular dementia in rats. Brain Research Bulletin, 2017, 133, 31-41.	1.4	13
41	Development and application of a high-content virion display human GPCR array. Nature Communications, 2019, 10, 1997.	5.8	13
42	The role of multifunctional drug therapy as an antidote to combat experimental subacute neurotoxicity induced by organophosphate pesticides. Environmental Toxicology, 2016, 31, 1017-1026.	2.1	12
43	Possible GABAergic mechanism in the protective effect of allopregnenolone against immobilization stress. European Journal of Pharmacology, 2009, 602, 343-347.	1.7	11
44	Targeting <scp> E. coli </scp> invasion of the bloodâ€“brain barrier for investigating the pathogenesis and therapeutic development of <scp> E. coli </scp> meningitis. Cellular Microbiology, 2020, 22, e13231.	1.1	10
45	Modulation of the Nitrergic Pathway via Activation of PPAR-Î³ Contributes to the Neuroprotective Effect of Pioglitazone Against Streptozotocin-Induced Memory Dysfunction. Journal of Molecular Neuroscience, 2015, 56, 739-750.	1.1	9
46	Recent prospective of surface engineered Nanoparticles in the management of Neurodegenerative disorders. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1-12.	1.9	9
47	SYNTHESIS, CHARACTERIZATION AND ANTIHYPERTENSIVE ACTIVITY OF SOME NEW SUBSTITUTED PYRIDAZINE DERIVATIVES. Journal of the Chilean Chemical Society, 2011, 56, 856-859.	0.5	7
48	The role of multifunctional drug therapy against carbamate induced neuronal toxicity during acute and chronic phase in rats. Environmental Toxicology and Pharmacology, 2015, 40, 220-229.	2.0	7
49	Possible role of metal ionophore against zinc induced cognitive dysfunction in d-galactose senescent mice. BioMetals, 2016, 29, 399-409.	1.8	7
50	Therapeutic development of group B Streptococcus meningitis by targeting a host cell signaling network involving EGFR. EMBO Molecular Medicine, 2021, 13, e12651.	3.3	7
51	Protective effects of Aporosa octandra bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. Heliyon, 2018, 4, e00951.	1.4	4
52	H.14 - AMELIORATIVE EFFECT OF LYCOPENE AGAINST MEMORY IMPAIRMENT AND MITO-OXIDATIVE DAMAGE INDUCED BY COLCHICINE IN RATS. Behavioural Pharmacology, 2013, 24, e64.	0.8	0
53	Neuroprotective potential of antioxidant potent fractions fromConvolvulus pluricaulisChois. in 3-nitropropionic acid challenged rats. Nutritional Neuroscience, 0, , 1-9.	1.5	0