

Atish Prakash

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,693
citations

26
h-index

40
g-index

54
ext. papers

1,925
ext. citations

4.2
avg, IF

5.16
L-index

#	Paper	IF	Citations
52	Therapeutic development of group B Streptococcus meningitis by targeting a host cell signaling network involving EGFR. <i>EMBO Molecular Medicine</i> , 2021 , 13, e12651	12	3
51	Targeting E. coli invasion of the blood-brain barrier for investigating the pathogenesis and therapeutic development of E. coli meningitis. <i>Cellular Microbiology</i> , 2020 , 22, e13231	3.9	4
50	Involvement of the nitric oxide signaling in modulation of naringin against intranasal manganese and intracerebroventricular β amyloid induced neurotoxicity in rats. <i>Journal of Nutritional Biochemistry</i> , 2020 , 76, 108255	6.3	8
49	Development and application of a high-content virion display human GPCR array. <i>Nature Communications</i> , 2019 , 10, 1997	17.4	9
48	Protective effects of bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. <i>Heliyon</i> , 2018 , 4, e00951	3.6	3
47	Brain biometals and Alzheimer's disease - boon or bane?. <i>International Journal of Neuroscience</i> , 2017 , 127, 99-108	2	37
46	Ceftriaxone attenuates glutamate-mediated neuro-inflammation and restores BDNF in MPTP model of Parkinson's disease in rats. <i>Pathophysiology</i> , 2017 , 24, 71-79	1.8	25
45	Possible role of endothelin receptor against hyperhomocysteinemia and β amyloid induced AD type of vascular dementia in rats. <i>Brain Research Bulletin</i> , 2017 , 133, 31-41	3.9	8
44	Antioxidant-Rich Fraction of <i>Urtica dioica</i> Mediated Rescue of Striatal Mito-Oxidative Damage in MPTP-Induced Behavioral, Cellular, and Neurochemical Alterations in Rats. <i>Molecular Neurobiology</i> , 2017 , 54, 5632-5645	6.2	11
43	Synergistic hepatoprotective potential of ethanolic extract of and against paracetamol and azithromycin induced liver injury in rats. <i>Journal of Traditional and Complementary Medicine</i> , 2016 , 6, 370-376	4.6	13
42	Recent prospective of surface engineered Nanoparticles in the management of Neurodegenerative disorders. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 780-91	6.1	7
41	Possible role of metal ionophore against zinc induced cognitive dysfunction in D-galactose senescent mice. <i>BioMetals</i> , 2016 , 29, 399-409	3.4	6
40	Pharmacological evaluation of nasal delivery of selegiline hydrochloride-loaded thiolated chitosan nanoparticles for the treatment of depression. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 865-77	6.1	26
39	The role of multifunctional drug therapy as an antidote to combat experimental subacute neurotoxicity induced by organophosphate pesticides. <i>Environmental Toxicology</i> , 2016 , 31, 1017-26	4.2	8
38	Neuroprotective potential of antioxidant potent fractions from <i>Convolvulus pluricaulis</i> Chois. in 3-nitropropionic acid challenged rats. <i>Nutritional Neuroscience</i> , 2016 , 19, 70-8	3.6	15
37	Modulation of LOX and COX pathways via inhibition of amyloidogenesis contributes to mitoprotection against β amyloid oligomer-induced toxicity in an animal model of Alzheimer's disease in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 146-147, 1-12	3.9	19
36	Modulation of the Nitrergic Pathway via Activation of PPAR- α Contributes to the Neuroprotective Effect of Pioglitazone Against Streptozotocin-Induced Memory Dysfunction. <i>Journal of Molecular Neuroscience</i> , 2015 , 56, 739-50	3.3	9

35	The role of multifunctional drug therapy against carbamate induced neuronal toxicity during acute and chronic phase in rats. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 40, 220-9	5.8	6
34	Zinc: indications in brain disorders. <i>Fundamental and Clinical Pharmacology</i> , 2015 , 29, 131-49	3.1	72
33	Hepatoprotective potential of antioxidant potent fraction from Linn. (whole plant) in CCl challenged rats. <i>Toxicology Reports</i> , 2015 , 2, 1101-1110	4.8	22
32	Cerebroprotective effects of RAS inhibitors: Beyond their cardio-renal actions. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 459-68	3	23
31	Pharmacological approaches for Alzheimer's disease: neurotransmitter as drug targets. <i>Expert Review of Neurotherapeutics</i> , 2015 , 15, 53-71	4.3	17
30	Beneficial effect of candesartan and lisinopril against haloperidol-induced tardive dyskinesia in rat. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 917-29	3	14
29	Development, characterization and nasal delivery of rosmarinic acid-loaded solid lipid nanoparticles for the effective management of Huntington's disease. <i>Drug Delivery</i> , 2015 , 22, 931-9	7	74
28	Neuroprotective effect of N-acetyl cysteine against streptozotocin-induced memory dysfunction and oxidative damage in rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015 , 26, 13-23	1.6	25
27	Neuroprotective effect of hemeoxygenase-1/glycogen synthase kinase-3 β modulators in 3-nitropropionic acid-induced neurotoxicity in rats. <i>Neuroscience</i> , 2015 , 287, 66-77	3.9	38
26	Brain delivery of intranasal in situ gel of nanoparticulated polymeric carriers containing antidepressant drug: behavioral and biochemical assessment. <i>Journal of Drug Targeting</i> , 2015 , 23, 275-86	5.4	42
25	Possible role of GABA-B receptor modulation in MPTP induced Parkinson's disease in rats. <i>Experimental and Toxicologic Pathology</i> , 2015 , 67, 211-7		14
24	Role of nuclear receptor on regulation of BDNF and neuroinflammation in hippocampus of β amyloid animal model of Alzheimer's disease. <i>Neurotoxicity Research</i> , 2014 , 25, 335-47	4.3	65
23	Implicating the role of lycopene in restoration of mitochondrial enzymes and BDNF levels in β amyloid induced Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2014 , 741, 104-11	5.3	74
22	Potential pharmacological strategies for the improved treatment of organophosphate-induced neurotoxicity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014 , 92, 893-911	2.4	26
21	Ceftriaxone mediated rescue of nigral oxidative damage and motor deficits in MPTP model of Parkinson's disease in rats. <i>NeuroToxicology</i> , 2014 , 44, 71-9	4.4	29
20	Mitoprotective effect of Centella asiatica against aluminum-induced neurotoxicity in rats: possible relevance to its anti-oxidant and anti-apoptosis mechanism. <i>Neurological Sciences</i> , 2013 , 34, 1403-9	3.5	42
19	Naringin protects memory impairment and mitochondrial oxidative damage against aluminum-induced neurotoxicity in rats. <i>International Journal of Neuroscience</i> , 2013 , 123, 636-45	2	43
18	Lycopene protects against memory impairment and mito-oxidative damage induced by colchicine in rats: an evidence of nitric oxide signaling. <i>European Journal of Pharmacology</i> , 2013 , 721, 373-81	5.3	35

17	Pioglitazone alleviates the mitochondrial apoptotic pathway and mito-oxidative damage in the d-galactose-induced mouse model. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 644-51	3	27
16	Montelukast potentiates the protective effect of rofecoxib against kainic acid-induced cognitive dysfunction in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 43-52	3.9	29
15	Galantamine potentiates the protective effect of rofecoxib and caffeic acid against intrahippocampal Kainic acid-induced cognitive dysfunction in rat. <i>Brain Research Bulletin</i> , 2011 , 85, 158-68	3.8	28
14	SYNTHESIS, CHARACTERIZATION AND ANTIHYPERTENSIVE ACTIVITY OF SOME NEW SUBSTITUTED PYRIDAZINE DERIVATIVES. <i>Journal of the Chilean Chemical Society</i> , 2011 , 56, 856-859	2.5	5
13	Centella asiatica Attenuates D-Galactose-Induced Cognitive Impairment, Oxidative and Mitochondrial Dysfunction in Mice. <i>International Journal of Alzheimers Disease</i> , 2011 , 2011, 347569	3.7	69
12	Protective effect of curcumin (<i>Curcuma longa</i>) against D-galactose-induced senescence in mice. <i>Journal of Asian Natural Products Research</i> , 2011 , 13, 42-55	1.5	58
11	Neuroprotective effect of carvedilol against aluminium induced toxicity: possible behavioral and biochemical alterations in rats. <i>Pharmacological Reports</i> , 2011 , 63, 915-23	3.9	62
10	Protective effect of naringin, a citrus flavonoid, against colchicine-induced cognitive dysfunction and oxidative damage in rats. <i>Journal of Medicinal Food</i> , 2010 , 13, 976-84	2.8	62
9	Naringin alleviates cognitive impairment, mitochondrial dysfunction and oxidative stress induced by D-galactose in mice. <i>Food and Chemical Toxicology</i> , 2010 , 48, 626-32	4.7	134
8	Effect of St. John's Wort (<i>Hypericum perforatum</i>) treatment on restraint stress-induced behavioral and biochemical alteration in mice. <i>BMC Complementary and Alternative Medicine</i> , 2010 , 10, 18	4.7	30
7	Neuroprotective Effects of Centella asiatica against Intracerebroventricular Colchicine-Induced Cognitive Impairment and Oxidative Stress. <i>International Journal of Alzheimers Disease</i> , 2009 , 2009,	3.7	58
6	Possible GABAergic mechanism in the protective effect of allopregnenolone against immobilization stress. <i>European Journal of Pharmacology</i> , 2009 , 602, 343-7	5.3	9
5	Effect of carvedilol on behavioral, mitochondrial dysfunction, and oxidative damage against D-galactose induced senescence in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 380, 431-41	3.4	47
4	Effect of N-acetyl cysteine against aluminium-induced cognitive dysfunction and oxidative damage in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009 , 105, 98-104	3.1	51
3	Protective effect of curcumin (<i>Curcuma longa</i>), against aluminium toxicity: Possible behavioral and biochemical alterations in rats. <i>Behavioural Brain Research</i> , 2009 , 205, 384-90	3.4	131
2	Effect of chronic treatment of carvedilol on oxidative stress in an intracerebroventricular streptozotocin induced model of dementia in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 1665-72	4.8	21
1	Neuroprotective potential of antioxidant potent fractions from <i>Convolvulus pluricaulis</i> Choisy. in 3-nitropropionic acid challenged rats. <i>Nutritional Neuroscience</i> , 1-9	3.6	