

# Atish Prakash

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3517015/atish-prakash-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Naringin alleviates cognitive impairment, mitochondrial dysfunction and oxidative stress induced by D-galactose in mice. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 626-32	4.7	134
51	Protective effect of curcumin ( <i>Curcuma longa</i> ), against aluminium toxicity: Possible behavioral and biochemical alterations in rats. <i>Behavioural Brain Research</i> , <b>2009</b> , 205, 384-90	3.4	131
50	Development, characterization and nasal delivery of rosmarinic acid-loaded solid lipid nanoparticles for the effective management of Huntington's disease. <i>Drug Delivery</i> , <b>2015</b> , 22, 931-9	7	74
49	Implicating the role of lycopene in restoration of mitochondrial enzymes and BDNF levels in Amyloid induced Alzheimer's disease. <i>European Journal of Pharmacology</i> , <b>2014</b> , 741, 104-11	5.3	74
48	Zinc: indications in brain disorders. <i>Fundamental and Clinical Pharmacology</i> , <b>2015</b> , 29, 131-49	3.1	72
47	Centella asiatica Attenuates D-Galactose-Induced Cognitive Impairment, Oxidative and Mitochondrial Dysfunction in Mice. <i>International Journal of Alzheimer's Disease</i> , <b>2011</b> , 2011, 347569	3.7	69
46	Role of nuclear receptor on regulation of BDNF and neuroinflammation in hippocampus of Amyloid animal model of Alzheimer's disease. <i>Neurotoxicity Research</i> , <b>2014</b> , 25, 335-47	4.3	65
45	Protective effect of naringin, a citrus flavonoid, against colchicine-induced cognitive dysfunction and oxidative damage in rats. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 976-84	2.8	62
44	Neuroprotective effect of carvedilol against aluminium induced toxicity: possible behavioral and biochemical alterations in rats. <i>Pharmacological Reports</i> , <b>2011</b> , 63, 915-23	3.9	62
43	Protective effect of curcumin ( <i>Curcuma longa</i> ) against D-galactose-induced senescence in mice. <i>Journal of Asian Natural Products Research</i> , <b>2011</b> , 13, 42-55	1.5	58
42	Neuroprotective Effects of Centella asiatica against Intracerebroventricular Colchicine-Induced Cognitive Impairment and Oxidative Stress. <i>International Journal of Alzheimer's Disease</i> , <b>2009</b> , 2009,	3.7	58
41	Effect of N-acetyl cysteine against aluminium-induced cognitive dysfunction and oxidative damage in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2009</b> , 105, 98-104	3.1	51
40	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> , <b>2009</b> , 380, 431-41	3.4	47
39	Naringin protects memory impairment and mitochondrial oxidative damage against aluminum-induced neurotoxicity in rats. <i>International Journal of Neuroscience</i> , <b>2013</b> , 123, 636-45	2	43
38	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> , <b>2013</b> , 34, 1403-9	3.5	42
37	Brain delivery of intranasal in situ gel of nanoparticulated polymeric carriers containing antidepressant drug: behavioral and biochemical assessment. <i>Journal of Drug Targeting</i> , <b>2015</b> , 23, 275-86	5.4	42
36	Neuroprotective effect of hemoxygenase-1/glycogen synthase kinase-3 modulators in 3-nitropropionic acid-induced neurotoxicity in rats. <i>Neuroscience</i> , <b>2015</b> , 287, 66-77	3.9	38

35	Brain biometals and Alzheimer's disease - boon or bane?. <i>International Journal of Neuroscience</i> , <b>2017</b> , 127, 99-108	2	37
34	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> , <b>2013</b> , 721, 373-81	5.3	35
33	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> , <b>2010</b> , 10, 18	4.7	30
32	Ceftriaxone mediated rescue of nigral oxidative damage and motor deficits in MPTP model of Parkinson's disease in rats. <i>NeuroToxicology</i> , <b>2014</b> , 44, 71-9	4.4	29
31	Montelukast potentiates the protective effect of rofecoxib against kainic acid-induced cognitive dysfunction in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2012</b> , 103, 43-52	3.9	29
30	Galantamine potentiates the protective effect of rofecoxib and caffeic acid against intrahippocampal Kainic acid-induced cognitive dysfunction in rat. <i>Brain Research Bulletin</i> , <b>2011</b> , 85, 158-68	3.8	28
29	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> , <b>2013</b> , 40, 644-51	3	27
28	Potential pharmacological strategies for the improved treatment of organophosphate-induced neurotoxicity. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2014</b> , 92, 893-911	2.4	26
27	Pharmacological evaluation of nasal delivery of selegiline hydrochloride-loaded thiolated chitosan nanoparticles for the treatment of depression. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2016</b> , 44, 865-77	6.1	26
26	Ceftriaxone attenuates glutamate-mediated neuro-inflammation and restores BDNF in MPTP model of Parkinson's disease in rats. <i>Pathophysiology</i> , <b>2017</b> , 24, 71-79	1.8	25
25	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> , <b>2015</b> , 26, 13-23	1.6	25
24	Cerebroprotective effects of RAS inhibitors: Beyond their cardio-renal actions. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , <b>2015</b> , 16, 459-68	3	23
23	Hepatoprotective potential of antioxidant potent fraction from Linn. (whole plant) in CCl <sub>4</sub> challenged rats. <i>Toxicology Reports</i> , <b>2015</b> , 2, 1101-1110	4.8	22
22	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> , <b>2009</b> , 61, 1665-72	4.8	21
21	Modulation of LOX and COX pathways via inhibition of amyloidogenesis contributes to mitoprotection against A $\beta$ oligomer-induced toxicity in an animal model of Alzheimer's disease in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2016</b> , 146-147, 1-12	3.9	19
20	Pharmacological approaches for Alzheimer's disease: neurotransmitter as drug targets. <i>Expert Review of Neurotherapeutics</i> , <b>2015</b> , 15, 53-71	4.3	17
19	Neuroprotective potential of antioxidant potent fractions from <i>Convolvulus pluricaulis</i> Chois. in 3-nitropropionic acid challenged rats. <i>Nutritional Neuroscience</i> , <b>2016</b> , 19, 70-8	3.6	15
18	Beneficial effect of candesartan and lisinopril against haloperidol-induced tardive dyskinesia in rat. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , <b>2015</b> , 16, 917-29	3	14

17	Possible role of GABA-B receptor modulation in MPTP induced Parkinson's disease in rats. <i>Experimental and Toxicologic Pathology</i> , <b>2015</b> , 67, 211-7		14
16	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> , <b>2016</b> , 6, 370-376	4.6	13
15	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> , <b>2017</b> , 54, 5632-5645	6.2	11
14	Development and application of a high-content virion display human GPCR array. <i>Nature Communications</i> , <b>2019</b> , 10, 1997	17.4	9
13	Modulation of the Nitroergic Pathway via Activation of PPAR- $\alpha$ Contributes to the Neuroprotective Effect of Pioglitazone Against Streptozotocin-Induced Memory Dysfunction. <i>Journal of Molecular Neuroscience</i> , <b>2015</b> , 56, 739-50	3.3	9
12	Possible GABAergic mechanism in the protective effect of allopregnenolone against immobilization stress. <i>European Journal of Pharmacology</i> , <b>2009</b> , 602, 343-7	5.3	9
11	Possible role of endothelin receptor against hyperhomocysteinemia and $\beta$ amyloid induced AD type of vascular dementia in rats. <i>Brain Research Bulletin</i> , <b>2017</b> , 133, 31-41	3.9	8
10	Involvement of the nitric oxide signaling in modulation of naringin against intranasal manganese and intracerebroventricular $\beta$ amyloid induced neurotoxicity in rats. <i>Journal of Nutritional Biochemistry</i> , <b>2020</b> , 76, 108255	6.3	8
9	The role of multifunctional drug therapy as an antidote to combat experimental subacute neurotoxicity induced by organophosphate pesticides. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1017-26	4.2	8
8	Recent prospective of surface engineered Nanoparticles in the management of Neurodegenerative disorders. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2016</b> , 44, 780-91	6.1	7
7	The role of multifunctional drug therapy against carbamate induced neuronal toxicity during acute and chronic phase in rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 40, 220-9	5.8	6
6	Possible role of metal ionophore against zinc induced cognitive dysfunction in D-galactose senescent mice. <i>BioMetals</i> , <b>2016</b> , 29, 399-409	3.4	6
5	SYNTHESIS, CHARACTERIZATION AND ANTIHYPERTENSIVE ACTIVITY OF SOME NEW SUBSTITUTED PYRIDAZINE DERIVATIVES. <i>Journal of the Chilean Chemical Society</i> , <b>2011</b> , 56, 856-859	2.5	5
4	Targeting <i>E. coli</i> invasion of the blood-brain barrier for investigating the pathogenesis and therapeutic development of <i>E. coli</i> meningitis. <i>Cellular Microbiology</i> , <b>2020</b> , 22, e13231	3.9	4
3	Therapeutic development of group B <i>Streptococcus</i> meningitis by targeting a host cell signaling network involving EGFR. <i>EMBO Molecular Medicine</i> , <b>2021</b> , 13, e12651	12	3
2	Protective effects of bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. <i>Heliyon</i> , <b>2018</b> , 4, e00951	3.6	3
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	