

# Rahul Deshmukh

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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

1,609  
citations

21  
h-index

39  
g-index

62  
ext. papers

1,942  
ext. citations

4  
avg, IF

5.22  
L-index

#	Paper	IF	Citations
52	A review: traditional herbs and remedies impacting pathogenesis of Parkinson's disease.. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2022</b> , 395, 495	3.4	0
51	β-lactam antibiotics to tame down molecular pathways of Alzheimer's disease. <i>European Journal of Pharmacology</i> , <b>2021</b> , 895, 173877	5.3	6
50	Physiology of cellular demise: Apoptosis, necrosis, and autophagy <b>2021</b> , 23-78		
49	Neurobiology of traumatic brain injury. <i>Brain Injury</i> , <b>2021</b> , 35, 1113-1120	2.1	1
48	Pharmacological potential of tocopherol and doxycycline against traumatic brain injury-induced cognitive/motor impairment in rats. <i>Brain Injury</i> , <b>2020</b> , 34, 1039-1050	2.1	5
47	Activation of microglia and astrocytes: a roadway to neuroinflammation and Alzheimer's disease. <i>Inflammopharmacology</i> , <b>2019</b> , 27, 663-677	5.1	129
46	Development and Characterization of Nasal Delivery of Selegiline Hydrochloride Loaded Nanolipid Carriers for the Management of Parkinson's Disease. <i>Central Nervous System Agents in Medicinal Chemistry</i> , <b>2019</b> , 19, 46-56	1.8	15
45	Mdm2-P53 Interaction Inhibitor with Cisplatin Enhances Apoptosis in Colon and Prostate Cancer Cells In-Vitro. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2019</b> , 20, 3341-3351	1.7	6
44	Neuroprotective potential of spermidine against rotenone induced Parkinson's disease in rats. <i>Neurochemistry International</i> , <b>2018</b> , 116, 104-111	4.4	32
43	Development and characterization of morin hydrate-loaded micellar nanocarriers for the effective management of Alzheimer's disease. <i>Journal of Microencapsulation</i> , <b>2018</b> , 35, 137-148	3.4	12
42	Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: Possible neurotransmitters and neuroinflammatory mechanism. <i>Pharmacological Reports</i> , <b>2018</b> , 70, 540-548	3.9	22
41	Recent advances in the neurobiology and neuropharmacology of Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 98, 297-307	7.5	77
40	P1-082: NEUROPROTECTIVE POTENTIAL OF LUPEOL AGAINST ALUMINIUM CHLORIDE INDUCED LEARNING AND MEMORY DEFICIT IN RATS: POSSIBLE ROLE OF HIPPOCAMPAL NEUROCHEMISTRY AND NEUROINFLAMMATORY MECHANISMS <b>2018</b> , 14, P302-P302		
39	Development and characterization of embelin-loaded nanolipid carriers for brain targeting. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 409-413	6.1	18
38	Neuroprotective role of GABA receptor modulation against streptozotocin-induced behavioral and biochemical abnormalities in rats. <i>Neuroscience</i> , <b>2017</b> , 357, 67-74	3.9	6
37	Sertraline and venlafaxine improves motor performance and neurobehavioral deficit in quinolinic acid induced Huntington's like symptoms in rats: Possible neurotransmitters modulation. <i>Pharmacological Reports</i> , <b>2017</b> , 69, 306-313	3.9	14
36	Embelin as a Potential Drug Molecule: A Review. <i>Journal of Pharmacognosy &amp; Natural Products</i> , <b>2017</b> , 03,		3

35	Neuroinflammation - A major cause for striatal dopaminergic degeneration in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , <b>2017</b> , 381, 308-314	3.2	54
34	Embelin Attenuates Intracerebroventricular Streptozotocin-Induced Behavioral, Biochemical, and Neurochemical Abnormalities in Rats. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6670-6680	6.2	24
33	Animal Models of Tourette's Syndrome <b>2017</b> , 249-261		
32	[P2Y7]: EMBELIN MODULATES CENTRAL NEUROTRANSMITTERS AND ATTENUATES STREPTOZOTOCIN INDUCED COGNITIVE IMPAIRMENT AND BIOCHEMICAL ABNORMALITIES IN RATS <b>2017</b> , 13, P673-P674		
31	Lupeol Isolated from <i>Betula alnoides</i> Ameliorates Amyloid Beta Induced Neuronal Damage via Targeting Various Pathological Events and Alteration in Neurotransmitter Levels in Rat's Brain. <i>Journal of Neurology and Neuroscience</i> , <b>2017</b> , 08,	0	13
30	Non-transgenic Animal Models of Alzheimer's Disease <b>2017</b> , 3-22		2
29	Animal Models of Multiple Sclerosis (MS) <b>2017</b> , 263-276		
28	Animal Models of Neuropathic Pain <b>2017</b> , 195-216		
27	Animal models of hepatotoxicity. <i>Inflammation Research</i> , <b>2016</b> , 65, 13-24	7.2	27
26	Tetrabenazine: Spotlight on Drug Review. <i>Annals of Neurosciences</i> , <b>2016</b> , 23, 176-185	1.1	35
25	Beneficial effects of lycopene against haloperidol induced orofacial dyskinesia in rats: Possible neurotransmitters and neuroinflammation modulation. <i>European Journal of Pharmacology</i> , <b>2016</b> , 771, 229-35	5.3	23
24	Pharmacological induction of hemeoxygenase-1 activity attenuates intracerebroventricular streptozotocin induced neurocognitive deficit and oxidative stress in rats. <i>European Journal of Pharmacology</i> , <b>2016</b> , 772, 43-50	5.3	16
23	Anti-hyperalgesic and anti-nociceptive potentials of standardized grape seed proanthocyanidin extract against CCI-induced neuropathic pain in rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2016</b> , 27, 9-17	1.6	12
22	Alzheimer's disease: Is this a brain specific diabetic condition?. <i>Physiology and Behavior</i> , <b>2016</b> , 164, 259-67.5		32
21	Caffeic acid attenuates oxidative stress, learning and memory deficit in intra-cerebroventricular streptozotocin induced experimental dementia in rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 81, 56-62.5	7.5	47
20	Neurobiology of l-DOPA induced dyskinesia and the novel therapeutic strategies. <i>Biomedicine and Pharmacotherapy</i> , <b>2015</b> , 70, 283-93	7.5	36
19	Effect of zinc supplements in the attenuated cardioprotective effect of ischemic preconditioning in hyperlipidemic rat heart. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2015</b> , 388, 635-41	3.4	7
18	Effect of GLT-1 modulator and P2X7 antagonists alone and in combination in the kindling model of epilepsy in rats. <i>Epilepsy and Behavior</i> , <b>2015</b> , 48, 4-14	3.2	35

17	Age Associated Sleep Loss: A Trigger For Alzheimer's Disease. <i>Journal of Microbiology and Biotechnology</i> , <b>2015</b> , 25, 78-88	3.3	3
16	Herbs to curb cyclic nucleotide phosphodiesterase and their potential role in Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , <b>2015</b> , 149, 75-87	5.6	13
15	Attenuating effect of standardized lyophilized Cinnamomum zeylanicum bark extract against streptozotocin-induced experimental dementia of Alzheimer's type. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2015</b> , 26, 275-85	1.6	21
14	Effect of licofelone--a dual COX/5-LOX inhibitor in intracerebroventricular streptozotocin-induced behavioral and biochemical abnormalities in rats. <i>Journal of Molecular Neuroscience</i> , <b>2015</b> , 55, 749-59	3.3	27
13	Vinpocetine attenuates MPTP-induced motor deficit and biochemical abnormalities in Wistar rats. <i>Neuroscience</i> , <b>2015</b> , 286, 393-403	3.9	31
12	Beneficial effect of rice bran extract against 3-nitropropionic acid induced experimental Huntington's disease in rats. <i>Toxicology Reports</i> , <b>2015</b> , 2, 1222-1232	4.8	13
11	Role of neurosteroids in experimental 3-nitropropionic acid induced neurotoxicity in rats. <i>European Journal of Pharmacology</i> , <b>2014</b> , 723, 38-45	5.3	18
10	Phosphodiesterases: Regulators of cyclic nucleotide signals and novel molecular target for movement disorders. <i>European Journal of Pharmacology</i> , <b>2013</b> , 714, 486-97	5.3	30
9	Therapeutic potential of GABA(B) receptor ligands in drug addiction, anxiety, depression and other CNS disorders. <i>Pharmacology Biochemistry and Behavior</i> , <b>2013</b> , 110, 174-84	3.9	75
8	Neuroprotective role of PDE4 and PDE5 inhibitors in 3-nitropropionic acid induced behavioral and biochemical toxicities in rats. <i>European Journal of Pharmacology</i> , <b>2013</b> , 714, 515-21	5.3	19
7	Ameliorating effect of lyophilized extract of Butea frondosa leaves on scopolamine-induced amnesia in rats. <i>Pharmaceutical Biology</i> , <b>2013</b> , 51, 233-9	3.8	13
6	Excitotoxicity: bridge to various triggers in neurodegenerative disorders. <i>European Journal of Pharmacology</i> , <b>2013</b> , 698, 6-18	5.3	424
5	FK506 attenuates intracerebroventricular streptozotocin-induced neurotoxicity in rats. <i>Behavioural Pharmacology</i> , <b>2013</b> , 24, 580-9	2.4	16
4	Neuroprotective effect of RO-20-1724-a phosphodiesterase4 inhibitor against intracerebroventricular streptozotocin induced cognitive deficit and oxidative stress in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2012</b> , 101, 239-45	3.9	29
3	Stimulation of accumbens shell cannabinoid CB(1) receptors by noladin ether, a putative endocannabinoid, modulates food intake and dietary selection in rats. <i>Pharmacological Research</i> , <b>2012</b> , 66, 276-82	10.2	19
2	SP600125, a competitive inhibitor of JNK attenuates streptozotocin induced neurocognitive deficit and oxidative stress in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2010</b> , 96, 386-94	3.9	27
1	Amelioration of intracerebroventricular streptozotocin induced cognitive dysfunction and oxidative stress by vinpocetine -- a PDE1 inhibitor. <i>European Journal of Pharmacology</i> , <b>2009</b> , 620, 49-56	5.3	116