Rahul Deshmukh

List of Publications by Year
in descending order

55 papers	2,269 citations	279487 23 h-index	223531 46 g-index
62 all docs	62 docs citations	62 times ranked	3978 citing authors

#	Article	IF	Citations
1	Excitotoxicity: Bridge to various triggers in neurodegenerative disorders. European Journal of Pharmacology, 2013, 698, 6-18.	1.7	527
2	Activation of microglia and astrocytes: a roadway to neuroinflammation and Alzheimerâ€™s disease. Inflammopharmacology, 2019, 27, 663-677.	1.9	276
3	Amelioration of intracerebroventricular streptozotocin induced cognitive dysfunction and oxidative stress by vinpocetine â€" a PDE1 inhibitor. European Journal of Pharmacology, 2009, 620, 49-56.	1.7	151
4	Recent advances in the neurobiology and neuropharmacology of Alzheimerâ€™s disease. Biomedicine and Pharmacotherapy, 2018, 98, 297-307.	2.5	110
5	Therapeutic potential of GABAB receptor ligands in drug addiction, anxiety, depression and other CNS disorders. Pharmacology Biochemistry and Behavior, 2013, 110, 174-184.	1.3	92
6	Neuroinflammation - A major cause for striatal dopaminergic degeneration in Parkinson's disease. Journal of the Neurological Sciences, 2017, 381, 308-314.	0.3	76
7	Caffeic acid attenuates oxidative stress, learning and memory deficit in intra-cerebroventricular streptozotocin induced experimental dementia in rats. Biomedicine and Pharmacotherapy, 2016, 81, 56-62.	2.5	69
8	Neuroprotective potential of spermidine against rotenone induced Parkinson's disease in rats. Neurochemistry International, 2018, 116, 104-111.	1.9	64
9	Tetrabenazine: Spotlight on Drug Review. Annals of Neurosciences, 2016, 23, 176-185.	0.9	50
10	Effect of GLT-1 modulator and P2X7 antagonists alone and in combination in the kindling model of epilepsy in rats. Epilepsy and Behavior, 2015, 48, 4-14.	0.9	48
11	Neurobiology of l-DOPA induced dyskinesia and the novel therapeutic strategies. Biomedicine and Pharmacotherapy, 2015, 70, 283-293.	2.5	41
12	Phosphodiesterases: Regulators of cyclic nucleotide signals and novel molecular target for movement disorders. European Journal of Pharmacology, 2013, 714, 486-497.	1.7	39
13	Vinpocetine attenuates MPTP-induced motor deficit and biochemical abnormalities in Wistar rats. Neuroscience, 2015, 286, 393-403.	1.1	38
14	Alzheimer's disease: Is this a brain specific diabetic condition?. Physiology and Behavior, 2016, 164, 259-267.	1.0	38
15	Beneficial effects of lycopene against haloperidol induced orofacial dyskinesia in rats: Possible neurotransmitters and neuroinflammation modulation. European Journal of Pharmacology, 2016, 771, 229-235.	1.7	35
16	Animal models of hepatotoxicity. Inflammation Research, 2016, 65, 13-24.	1.6	35
17	Neuroprotective effect of RO-20-1724-a phosphodiesterase4 inhibitor against intracerebroventricular streptozotocin induced cognitive deficit and oxidative stress in rats. Pharmacology Biochemistry and Behavior, 2012, 101, 239-245.	1.3	33
18	Attenuating effect of standardized lyophilized Cinnamomum zeylanicum bark extract against streptozotocin-induced experimental dementia of Alzheimerâ€™s type. Journal of Basic and Clinical Physiology and Pharmacology, 2015, 26, 275-285.	0.7	32

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19	SP600125, a competitive inhibitor of JNK attenuates streptozotocin induced neurocognitive deficit and oxidative stress in rats. Pharmacology Biochemistry and Behavior, 2010, 96, 386-394.	1.3	31
20	Embelin Attenuates Intracerebroventricular Streptozotocin-Induced Behavioral, Biochemical, and Neurochemical Abnormalities in Rats. Molecular Neurobiology, 2017, 54, 6670-6680.	1.9	30
21	Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: Possible neurotransmitters and neuroinflammatory mechanism. Pharmacological Reports, 2018, 70, 540-548.	1.5	30
22	Effect of Licofeloneâ€"A Dual COX/5-LOX Inhibitor in Intracerebroventricular Streptozotocin-Induced Behavioral and Biochemical Abnormalities in Rats. Journal of Molecular Neuroscience, 2015, 55, 749-759.	1.1	29
23	Development and Characterization of Nasal Delivery of Selegiline Hydrochloride Loaded Nanolipid Carriers for the Management of Parkinsonâ€™s Disease. Central Nervous System Agents in Medicinal Chemistry, 2019, 19, 46-56.	0.5	28
24	Stimulation of accumbens shell cannabinoid CB1 receptors by noladin ether, a putative endocannabinoid, modulates food intake and dietary selection in rats. Pharmacological Research, 2012, 66, 276-282.	3.1	25
25	Herbs to curb cyclic nucleotide phosphodiesterase and their potential role in Alzheimerâ€™s disease. Mechanisms of Ageing and Development, 2015, 149, 75-87.	2.2	25
26	Neuroprotective role of PDE4 and PDE5 inhibitors in 3-nitropropionic acid induced behavioral and biochemical toxicities in rats. European Journal of Pharmacology, 2013, 714, 515-521.	1.7	24
27	Development and characterization of morin hydrate-loaded micellar nanocarriers for the effective management of Alzheimerâ€™s disease. Journal of Microencapsulation, 2018, 35, 137-148.	1.2	24
28	Pharmacological induction of hemeoxygenase-1 activity attenuates intracerebroventricular streptozotocin induced neurocognitive deficit and oxidative stress in rats. European Journal of Pharmacology, 2016, 772, 43-50.	1.7	23
29	Development and characterization of embelin-loaded nanolipid carriers for brain targeting. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 409-413.	1.9	23
30	Sertraline and venlafaxine improves motor performance and neurobehavioral deficit in quinolinic acid induced Huntingtonâ€™s like symptoms in rats: Possible neurotransmitters modulation. Pharmacological Reports, 2017, 69, 306-313.	1.5	23
31	Beneficial effect of rice bran extract against 3-nitropropionic acid induced experimental Huntington's disease in rats. Toxicology Reports, 2015, 2, 1222-1232.	1.6	22
32	Role of neurosteroids in experimental 3-nitropropionic acid induced neurotoxicity in rats. European Journal of Pharmacology, 2014, 723, 38-45.	1.7	21
33	FK506 attenuates intracerebroventricular streptozotocin-induced neurotoxicity in rats. Behavioural Pharmacology, 2013, 24, 580-589.	0.8	20
34	Pharmacological potential of tocopherol and doxycycline against traumatic brain injury-induced cognitive/motor impairment in rats. Brain Injury, 2020, 34, 1039-1050.	0.6	18
35	Anti-hyperalgesic and anti-nociceptive potentials of standardized grape seed proanthocyanidin extract against CCI-induced neuropathic pain in rats. Journal of Basic and Clinical Physiology and Pharmacology, 2016, 27, 9-17.	0.7	17
36	Lupeol Isolated from Betula alnoides Ameliorates Amyloid Beta Induced Neuronal Damage via Targeting Various Pathological Events and Alteration in Neurotransmitter Levels in Ratâ€™s Brain. Journal of Neurology and Neuroscience, 2017, 08, .	0.4	16

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37	Ameliorating effect of lyophilized extract ofButea frondosaleaves on scopolamine-induced amnesia in rats. Pharmaceutical Biology, 2013, 51, 233-239.	1.3	15
38	Effect of zinc supplements in the attenuated cardioprotective effect of ischemic preconditioning in hyperlipidemic rat heart. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 635-641.	1.4	11
39	Î²-lactam antibiotics to tame down molecular pathways of Alzheimer's disease. European Journal of Pharmacology, 2021, 895, 173877.	1.7	11
40	Mdm2-P53 Interaction Inhibitor with Cisplatin Enhances Apoptosis in Colon and Prostate Cancer Cells In-Vitro. Asian Pacific Journal of Cancer Prevention, 2019, 20, 3341-3351.	0.5	10
41	Neuroprotective role of GABAB receptor modulation against streptozotocin-induced behavioral and biochemical abnormalities in rats. Neuroscience, 2017, 357, 67-74.	1.1	9
42	Embelin as a Potential Drug Molecule: A Review. Journal of Pharmacognosy & Natural Products, 2017, 03, .	0.4	5
43	Neurobiology of traumatic brain injury. Brain Injury, 2021, 35, 1113-1120.	0.6	5
44	Age Associated Sleep Loss: A Trigger For Alzheimer's Disease. Journal of Microbiology and Biotechnology, 2015, 25, 78-88.	0.9	4
45	Non-transgenic Animal Models of Alzheimerâ€™s Disease. , 2017, , 3-22.		3
46	A review: traditional herbs and remedies impacting pathogenesis of Parkinsonâ€™s disease. Naunyn-Schmiedeberg's Archives of Pharmacology, 2022, 395, 495-513.	1.4	3
47	Neurotrophic factors and Parkinson's disease. Clinical Investigation, 2017, 07, .	0.0	2
48	P1â€082: NEUROPROTECTIVE POTENTIAL OF LUPEOL AGAINST ALUMINIUM CHLORIDEâ€“INDUCED LEARNING AND MEMORY DEFICIT IN RATS: POSSIBLE ROLE OF HIPPOCAMPAL NEUROCHEMISTRY AND NEUROINFLAMMATORY MECHANISMS. Alzheimer's and Dementia, 2018, 14, P302.	0.4	1
49	Endocannabinoid Systetm: Neuropharmacological Implications. Medicine Science, 2016, 5, 562.	0.0	1
50	Animal Models of Touretteâ€™s Syndrome. , 2017, , 249-261.		0
51	[P2â€“176]: EMBELIN MODULATES CENTRAL NEUROTRANSMITTERS AND ATTENUATES STREPTOZOTOCIN INDUCED COGNITIVE IMPAIRMENT AND BIOCHEMICAL ABNORMALITIES IN RATS. Alzheimer's and Dementia, 2017, 13, P673.	0.4	0
52	Physiology of cellular demise: Apoptosis, necrosis, and autophagy. , 2021, , 23-78.		0
53	Depression: An Immuno-Inflammatory Cascade. Arsiv Kaynak Tarama Dergisi, 2016, 25, 223.	0.1	0
54	Animal Models of Multiple Sclerosis (MS). , 2017, , 263-276.		0

#	Article	IF	Citations
55	Animal Models of Neuropathic Pain. , 2017, , 195-216.		0