

Shukla S

List of Publications by Year in descending order

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34
papers

1,010
citations

430874

18
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1680
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and Functional Basis of Dopamine Receptors and Their Role in Neurogenesis: Possible Implication for Parkinson's disease. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951877982.	2.3	164
2	Activation of Autophagic Flux against Xenoestrogen Bisphenol-A-induced Hippocampal Neurodegeneration via AMP kinase (AMPK)/Mammalian Target of Rapamycin (mTOR) Pathways. <i>Journal of Biological Chemistry</i> , 2015, 290, 21163-21184.	3.4	66
3	Intracerebroventricular streptozotocin impairs adult neurogenesis and cognitive functions via regulating neuroinflammation and insulin signaling in adult rats. <i>Neurochemistry International</i> , 2018, 113, 56-68.	3.8	66
4	Angiotensin Receptor Blockade by Inhibiting Glial Activation Promotes Hippocampal Neurogenesis Via Activation of Wnt/ β -Catenin Signaling in Hypertension. <i>Molecular Neurobiology</i> , 2018, 55, 5282-5298.	4.0	50
5	Axin-2 knockdown promote mitochondrial biogenesis and dopaminergic neurogenesis by regulating Wnt/ β -catenin signaling in rat model of Parkinson's disease. <i>Free Radical Biology and Medicine</i> , 2018, 129, 73-87.	2.9	49
6	Glycogen Synthase Kinase-3 β Regulates Equilibrium Between Neurogenesis and Gliogenesis in Rat Model of Parkinson's Disease: a Crosstalk with Wnt and Notch Signaling. <i>Molecular Neurobiology</i> , 2018, 55, 6500-6517.	4.0	45
7	Dopamine D1 receptor activation improves adult hippocampal neurogenesis and exerts anxiolytic and antidepressant-like effect via activation of Wnt/ β -catenin pathways in rat model of Parkinson's disease. <i>Neurochemistry International</i> , 2019, 122, 170-186.	3.8	44
8	Design and synthesis of new series of coumarin-aminopyran derivatives possessing potential anti-depressant-like activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 337-341.	2.2	42
9	Acetyl-L-Carnitine via Upregulating Dopamine D1 Receptor and Attenuating Microglial Activation Prevents Neuronal Loss and Improves Memory Functions in Parkinsonian Rats. <i>Molecular Neurobiology</i> , 2018, 55, 583-602.	4.0	42
10	Enhanced survival and function of neural stem cells-derived dopaminergic neurons under influence of olfactory ensheathing cells in parkinsonian rats. <i>Journal of Neurochemistry</i> , 2009, 109, 436-451.	3.9	40
11	ALCAR Exerts Neuroprotective and Pro-Neurogenic Effects by Inhibition of Glial Activation and Oxidative Stress via Activation of the Wnt/ β -Catenin Signaling in Parkinsonian Rats. <i>Molecular Neurobiology</i> , 2016, 53, 4286-4301.	4.0	40
12	CNB-001 a Novel Curcumin Derivative, Guards Dopamine Neurons in MPTP Model of Parkinson's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	36
13	MK-801 (Dizocilpine) Regulates Multiple Steps of Adult Hippocampal Neurogenesis and Alters Psychological Symptoms via Wnt/ β -Catenin Signaling in Parkinsonian Rats. <i>ACS Chemical Neuroscience</i> , 2017, 8, 592-605.	3.5	29
14	Spinacia oleracea extract attenuates disease progression and sub-chondral bone changes in monosodium iodoacetate-induced osteoarthritis in rats. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 69.	3.7	28
15	Oxidative stress and glutamate excitotoxicity contribute to apoptosis in cerebral venous sinus thrombosis. <i>Neurochemistry International</i> , 2016, 100, 91-96.	3.8	27
16	Long Acting Ionically Paired Embonate Based Nanocrystals of Donepezil for the Treatment of Alzheimer's Disease: a Proof of Concept Study. <i>Pharmaceutical Research</i> , 2017, 34, 2322-2335.	3.5	24
17	Dopamine receptor activation mitigates mitochondrial dysfunction and oxidative stress to enhance dopaminergic neurogenesis in 6-OHDA lesioned rats: A role of Wnt signalling. <i>Neurochemistry International</i> , 2019, 129, 104463.	3.8	22
18	Dopamine D1 receptor agonism induces dynamin related protein-1 inhibition to improve mitochondrial biogenesis and dopaminergic neurogenesis in rat model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2020, 378, 112304.	2.2	22

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19	Administration of N-acetylserotonin and melatonin alleviate chronic ketamine-induced behavioural phenotype accompanying BDNF-independent and dependent converging cytoprotective mechanisms in the hippocampus. <i>Behavioural Brain Research</i> , 2016, 297, 204-212.	2.2	20
20	ALCAR promote adult hippocampal neurogenesis by regulating cell-survival and cell death-related signals in rat model of Parkinson's disease like-phenotypes. <i>Neurochemistry International</i> , 2017, 108, 388-396.	3.8	18
21	Enhanced neuroinflammation and oxidative stress are associated with altered hippocampal neurogenesis in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine treated mice. <i>Behavioural Pharmacology</i> , 2019, 30, 688-698.	1.7	17
22	Chronic unpredictable stress negatively regulates hippocampal neurogenesis and promote anxious depression-like behavior via upregulating apoptosis and inflammatory signals in adult rats. <i>Brain Research Bulletin</i> , 2021, 172, 164-179.	3.0	16
23	Protriptyline improves spatial memory and reduces oxidative damage by regulating NF- κ B-BDNF/CREB signaling axis in streptozotocin-induced rat model of Alzheimer's disease. <i>Brain Research</i> , 2021, 1754, 147261.	2.2	15
24	Synthesis and evaluation of new 3-phenylcoumarin derivatives as potential antidepressant agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4876-4880.	2.2	14
25	Mechanistic exploration of quercetin against metronidazole induced neurotoxicity in rats: Possible role of nitric oxide isoforms and inflammatory cytokines. <i>NeuroToxicology</i> , 2020, 79, 1-10.	3.0	14
26	Oral acetate supplementation attenuates N-methyl D-aspartate receptor hypofunction-induced behavioral phenotypes accompanied by restoration of acetyl-histone homeostasis. <i>Psychopharmacology</i> , 2016, 233, 1257-1268.	3.1	13
27	Fluorescent Dopamine-Tryptophan Nanocomposites as Dual-Imaging and Antiaggregation Agents: New Generation of Amyloid Theranostics with Trimeric Effects. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44180-44194.	8.0	12
28	Isoformononetin, a dietary isoflavone protects against streptozotocin induced rat model of neuroinflammation through inhibition of NLRP3/ASC/IL-1 axis activation. <i>Life Sciences</i> , 2021, 286, 119989.	4.3	9
29	A study on the involvement of GABA-transaminase in MCT induced pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 36, 10-21.	2.6	6
30	Novel aryl piperazines for alleviation of α -andropause associated prostatic disorders and depression. <i>European Journal of Medicinal Chemistry</i> , 2017, 132, 204-218.	5.5	5
31	Angiotensin-Converting Enzyme 2 Activation Mitigates Behavioral Deficits and Neuroinflammatory Burden in 6-OHDA Induced Experimental Models of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1491-1504.	3.5	5
32	Regulatory safety pharmacology and toxicity assessments of a standardized stem extract of <i>Cassia occidentalis</i> Linn. in rodents. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 123, 104960.	2.7	4
33	Self-Fluorescent Lone Tryptophan Nanoparticles as Theranostic Agents Against Alzheimer's Disease. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13079-13093.	8.0	4
34	Acceptability of Mental Health Facilities and De-addiction Centers in India. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951983999.	2.3	2