

Mohammad Moshahid Khan

List of Publications by Citations

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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.

63

papers

3,100

citations

31

h-index

55

g-index

64

ext. papers

3,548

ext. citations

4.5

avg, IF

4.91

L-index

#	Paper	IF	Citations
63	Rutin prevents cognitive impairments by ameliorating oxidative stress and neuroinflammation in rat model of sporadic dementia of Alzheimer type. <i>Neuroscience</i> , 2012 , 210, 340-52	3.9	207
62	Resveratrol attenuates 6-hydroxydopamine-induced oxidative damage and dopamine depletion in rat model of Parkinson's disease. <i>Brain Research</i> , 2010 , 1328, 139-51	3.7	188
61	Amelioration of cognitive deficits and neurodegeneration by curcumin in rat model of sporadic dementia of Alzheimer's type (SDAT). <i>European Neuropsychopharmacology</i> , 2009 , 19, 636-47	1.2	169
60	Selenium prevents cognitive decline and oxidative damage in rat model of streptozotocin-induced experimental dementia of Alzheimer's type. <i>Brain Research</i> , 2009 , 1281, 117-27	3.7	149
59	Rutin protects the neural damage induced by transient focal ischemia in rats. <i>Brain Research</i> , 2009 , 1292, 123-35	3.7	148
58	Neuroprotective effect of naringenin is mediated through suppression of NF- κ B signaling pathway in experimental stroke. <i>Neuroscience</i> , 2013 , 230, 157-71	3.9	147
57	Rutin protects dopaminergic neurons from oxidative stress in an animal model of Parkinson's disease. <i>Neurotoxicity Research</i> , 2012 , 22, 1-15	4.3	104
56	Naringenin ameliorates Alzheimer's disease (AD)-type neurodegeneration with cognitive impairment (AD-TNDCI) caused by the intracerebroventricular-streptozotocin in rat model. <i>Neurochemistry International</i> , 2012 , 61, 1081-93	4.4	101
55	Piperine suppresses cerebral ischemia-reperfusion-induced inflammation through the repression of COX-2, NOS-2, and NF- κ B in middle cerebral artery occlusion rat model. <i>Molecular and Cellular Biochemistry</i> , 2012 , 367, 73-84	4.2	96
54	Hesperidin ameliorates functional and histological outcome and reduces neuroinflammation in experimental stroke. <i>Brain Research</i> , 2011 , 1420, 93-105	3.7	88
53	S-allyl cysteine attenuates oxidative stress associated cognitive impairment and neurodegeneration in mouse model of streptozotocin-induced experimental dementia of Alzheimer's type. <i>Brain Research</i> , 2011 , 1389, 133-42	3.7	86
52	Anti-apoptotic and anti-inflammatory effect of Piperine on 6-OHDA induced Parkinson's rat model. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 680-7	6.3	84
51	ENDOPLASMIC RETICULUM STRESS IN SEPSIS. <i>Shock</i> , 2015 , 44, 294-304	3.4	81
50	Attenuation of A β -induced neurotoxicity by thymoquinone via inhibition of mitochondrial dysfunction and oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2012 , 369, 55-65	4.2	80
49	ADAMTS13 reduces vascular inflammation and the development of early atherosclerosis in mice. <i>Blood</i> , 2012 , 119, 2385-91	2.2	78
48	Quercetin protects against oxidative stress associated damages in a rat model of transient focal cerebral ischemia and reperfusion. <i>Neurochemical Research</i> , 2011 , 36, 1360-71	4.6	77
47	Silymarin protects neurons from oxidative stress associated damages in focal cerebral ischemia: a behavioral, biochemical and immunohistological study in Wistar rats. <i>Journal of the Neurological Sciences</i> , 2011 , 309, 45-54	3.2	70

46	Amelioration of cognitive impairment and neurodegeneration by catechin hydrate in rat model of streptozotocin-induced experimental dementia of Alzheimer β type. <i>Neurochemistry International</i> , 2013 , 62, 492-501	4.4	66
45	Catechin hydrate ameliorates redox imbalance and limits inflammatory response in focal cerebral ischemia. <i>Neurochemical Research</i> , 2012 , 37, 1747-60	4.6	65
44	ADAMTS13 reduces VWF-mediated acute inflammation following focal cerebral ischemia in mice. <i>Journal of Thrombosis and Haemostasis</i> , 2012 , 10, 1665-71	15.4	64
43	S-allyl cysteine mitigates oxidative damage and improves neurologic deficit in a rat model of focal cerebral ischemia. <i>Nutrition Research</i> , 2012 , 32, 133-43	4	64
42	Protection of MPTP-induced neuroinflammation and neurodegeneration by Pycnogenol. <i>Neurochemistry International</i> , 2013 , 62, 379-88	4.4	64
41	1,8-cineole (eucalyptol) mitigates inflammation in amyloid Beta toxicated PC12 cells: relevance to Alzheimer β disease. <i>Neurochemical Research</i> , 2014 , 39, 344-52	4.6	58
40	Sesamin attenuates behavioral, biochemical and histological alterations induced by reversible middle cerebral artery occlusion in the rats. <i>Chemico-Biological Interactions</i> , 2010 , 183, 255-63	5	57
39	Neuroprotective effects of curcumin on 6-hydroxydopamine-induced Parkinsonism in rats: behavioral, neurochemical and immunohistochemical studies. <i>Brain Research</i> , 2011 , 1368, 254-63	3.7	56
38	Alternatively-spliced extra domain A of fibronectin promotes acute inflammation and brain injury after cerebral ischemia in mice. <i>Stroke</i> , 2012 , 43, 1376-82	6.7	54
37	Glia maturation factor induces interleukin-33 release from astrocytes: implications for neurodegenerative diseases. <i>Journal of NeuroImmune Pharmacology</i> , 2013 , 8, 643-50	6.9	49
36	Cold-inducible RNA-binding protein (CIRP) causes sepsis-associated acute lung injury via induction of endoplasmic reticulum stress. <i>Scientific Reports</i> , 2017 , 7, 41363	4.9	42
35	Enhanced expression of glia maturation factor correlates with glial activation in the brain of triple transgenic Alzheimer β disease mice. <i>Neurochemical Research</i> , 2013 , 38, 218-25	4.6	37
34	Taurine ameliorates neurobehavioral, neurochemical and immunohistochemical changes in sporadic dementia of Alzheimer β type (SDAT) caused by intracerebroventricular streptozotocin in rats. <i>Neurological Sciences</i> , 2013 , 34, 2181-92	3.5	33
33	Ocimum sanctum attenuates oxidative damage and neurological deficits following focal cerebral ischemia/reperfusion injury in rats. <i>Neurological Sciences</i> , 2012 , 33, 1239-47	3.5	31
32	Edaravone ameliorates oxidative stress associated cholinergic dysfunction and limits apoptotic response following focal cerebral ischemia in rat. <i>Molecular and Cellular Biochemistry</i> , 2012 , 367, 215-25	4.2	30
31	Glia maturation factor expression in entorhinal cortex of Alzheimer β disease brain. <i>Neurochemical Research</i> , 2013 , 38, 1777-84	4.6	25
30	Role of major and brain-specific Sgce isoforms in the pathogenesis of myoclonus-dystonia syndrome. <i>Neurobiology of Disease</i> , 2017 , 98, 52-65	7.5	24
29	Synergistic effect of selenium and melatonin on neuroprotection in cerebral ischemia in rats. <i>Biological Trace Element Research</i> , 2011 , 139, 81-96	4.5	24

28	NLRP3 inflammasome and glia maturation factor coordinately regulate neuroinflammation and neuronal loss in MPTP mouse model of Parkinson's disease. <i>International Immunopharmacology</i> , 2020 , 83, 106441	5.8	23
27	Attenuation of oxidative damage-associated cognitive decline by <i>Withania somnifera</i> in rat model of streptozotocin-induced cognitive impairment. <i>Protoplasma</i> , 2013 , 250, 1067-78	3.4	23
26	Glia maturation factor expression in hippocampus of human Alzheimer's disease. <i>Neurochemical Research</i> , 2013 , 38, 1580-9	4.6	20
25	Glia maturation factor deficiency suppresses 1-methyl-4-phenylpyridinium-induced oxidative stress in astrocytes. <i>Journal of Molecular Neuroscience</i> , 2014 , 53, 590-9	3.3	20
24	The Role of Neurovascular System in Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2020 , 57, 4373-4393	6.2	20
23	Suppression of glia maturation factor expression prevents 1-methyl-4-phenylpyridinium (MPP ⁺)-induced loss of mesencephalic dopaminergic neurons. <i>Neuroscience</i> , 2014 , 277, 196-205	3.9	18
22	<i>Azadirachta indica</i> mitigates behavioral impairments, oxidative damage, histological alterations and apoptosis in focal cerebral ischemia-reperfusion model of rats. <i>Neurological Sciences</i> , 2013 , 34, 1321-30	3.5	18
21	Stimulation of Brain AMP-Activated Protein Kinase Attenuates Inflammation and Acute Lung Injury in Sepsis. <i>Molecular Medicine</i> , 2015 , 21, 637-44	6.2	17
20	Amelioration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced behavioural dysfunction and oxidative stress by Pycnogenol in mouse model of Parkinson's disease. <i>Behavioural Pharmacology</i> , 2010 , 21, 563-71	2.4	16
19	Absence of glia maturation factor protects dopaminergic neurons and improves motor behavior in mouse model of parkinsonism. <i>Neurochemical Research</i> , 2015 , 40, 980-90	4.6	15
18	DNA damage and neurodegenerative phenotypes in aged Ciz1 null mice. <i>Neurobiology of Aging</i> , 2018 , 62, 180-190	5.6	15
17	DNA double-strand breaks: a potential therapeutic target for neurodegenerative diseases. <i>Chromosome Research</i> , 2019 , 27, 345-364	4.4	13
16	A recurrent de novo missense mutation in UBTF causes developmental neuroregression. <i>Human Molecular Genetics</i> , 2018 , 27, 691-705	5.6	12
15	Alterations in the Gut-Microbial-Inflammasome-Brain Axis in a Mouse Model of Alzheimer's Disease. <i>Cells</i> , 2021 , 10,	7.9	11
14	Recent advances on the role of long non-coding RNAs in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2020 , 15, 2253-2254	4.5	10
13	PLGA Nanoparticle-Based Formulations to Cross the Blood-Brain Barrier for Drug Delivery: From R&D to cGMP. <i>Pharmaceutics</i> , 2021 , 13,	6.4	10
12	Presynaptic PRRT2 Deficiency Causes Cerebellar Dysfunction and Paroxysmal Kinesigenic Dyskinesia. <i>Neuroscience</i> , 2020 , 448, 272-286	3.9	9
11	DNA Double-Strand Break Accumulation in Alzheimer's Disease: Evidence from Experimental Models and Postmortem Human Brains. <i>Molecular Neurobiology</i> , 2021 , 58, 118-131	6.2	9

10	Measurement of Elevated IL-37 Levels in Acute Ischemic Brain Injury: A Cross-sectional Pilot Study. <i>Cureus</i> , 2017 , 9, e1767	1.2	6
9	Gnal haploinsufficiency causes genomic instability and increased sensitivity to haloperidol. <i>Experimental Neurology</i> , 2019 , 318, 61-70	5.7	5
8	Brain Selective Estrogen Treatment Protects Dopaminergic Neurons and Preserves Behavioral Function in MPTP-induced Mouse Model of Parkinson's Disease. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 16, 667-678	6.9	5
7	Thioredoxin interacting protein regulates age-associated neuroinflammation. <i>Neurobiology of Disease</i> , 2021 , 156, 105399	7.5	4
6	HIV Associated Risk Factors for Ischemic Stroke and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
5	Transcriptome Analysis of Skeletal Muscle Reveals Altered Proteolytic and Neuromuscular Junction Associated Gene Expressions in a Mouse Model of Cerebral Ischemic Stroke. <i>Genes</i> , 2020 , 11,	4.2	1
4	Consequences of Cre-mediated deletion of Ciz1 exon 5 in mice. <i>FEBS Letters</i> , 2018 , 592, 3101-3110	3.8	1
3	Ribosomal DNA promoter recognition is determined in vivo by cooperation between UBTF1 and SL1 and is compromised in the UBTF-E210K neuroregression syndrome.. <i>PLoS Genetics</i> , 2022 , 18, e1009644	6.6	1
2	The Anti-Thrombotic Enzyme ADAMTS13 Reduces Inflammation and the Development of Atherosclerosis In Mice. <i>Blood</i> , 2011 , 118, 367-367	2.2	
1	Fibronectin Isoform Containing the Alternatively-Spliced Extra Domain A in Circulation Accelerates the Development of Atherosclerosis in Mice. <i>Blood</i> , 2011 , 118, 2205-2205	2.2	