Tahir Ali

List of Publications by Year in descending order

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45 papers	3,314 citations	201674 27 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	4321 citing authors

#	Article	IF	Citations
1	Natural Dietary Supplementation of Anthocyanins via PI3K/Akt/Nrf2/HO-1 Pathways Mitigate Oxidative Stress, Neurodegeneration, and Memory Impairment in a Mouse Model of Alzheimerâ€™s Disease. Molecular Neurobiology, 2018, 55, 6076-6093.	4.0	331
2	Melatonin attenuates Dâ€galactoseâ€induced memory impairment, neuroinflammation and neurodegeneration via <scp>RAGE</scp>/<scp>NF</scp>â€<scp>_KB</scp>/<scp>JNK</scp> signaling pathway in aging mouse model. Journal of Pineal Research, 2015, 58, 71-85.	7.4	221
3	Anthocyanins Reversed D-Galactose-Induced Oxidative Stress and Neuroinflammation Mediated Cognitive Impairment in Adult Rats. Molecular Neurobiology, 2017, 54, 255-271.	4.0	215
4	Melatonin ameliorates amyloid betaâ€induced memory deficits, tau hyperphosphorylation and neurodegeneration via <scp>PI</scp>3/Akt/<scp>GS</scp>kÎ² pathway in the mouse hippocampus. Journal of Pineal Research, 2015, 59, 47-59.	7.4	180
5	Osmotin attenuates LPS-induced neuroinflammation and memory impairments via the TLR4/NFÎºB signaling pathway. Scientific Reports, 2016, 6, 24493.	3.3	172
6	Neuroprotective Effect of Quercetin Against the Detrimental Effects of LPS in the Adult Mouse Brain. Frontiers in Pharmacology, 2018, 9, 1383.	3.5	171
7	Neuroprotective Effect of Fisetin Against Amyloid-Beta-Induced Cognitive/Synaptic Dysfunction, Neuroinflammation, and Neurodegeneration in Adult Mice. Molecular Neurobiology, 2017, 54, 2269-2285.	4.0	161
8	Melatonin Rescue Oxidative Stress-Mediated Neuroinflammation/ Neurodegeneration and Memory Impairment in Scopolamine-Induced Amnesia Mice Model. Journal of NeuroImmune Pharmacology, 2019, 14, 278-294.	4.1	146
9	Caffeine prevents d-galactose-induced cognitive deficits, oxidative stress, neuroinflammation and neurodegeneration in the adult rat brain. Neurochemistry International, 2015, 90, 114-124.	3.8	143
10	Hesperetin Confers Neuroprotection by Regulating Nrf2/TLR4/NF-ÎºB Signaling in an AÎ² Mouse Model. Molecular Neurobiology, 2019, 56, 6293-6309.	4.0	125
11	Osmotin attenuates amyloid beta-induced memory impairment, tau phosphorylation and neurodegeneration in the mouse hippocampus. Scientific Reports, 2015, 5, 11708.	3.3	116
12	Ferulic Acid Rescues LPS-Induced Neurotoxicity via Modulation of the TLR4 Receptor in the Mouse Hippocampus. Molecular Neurobiology, 2019, 56, 2774-2790.	4.0	114
13	Ibrutinib alleviates LPS-induced neuroinflammation and synaptic defects in a mouse model of depression. Brain, Behavior, and Immunity, 2021, 92, 10-24.	4.1	98
14	Anthocyanins protect against LPS-induced oxidative stress-mediated neuroinflammation and neurodegeneration in the adult mouse cortex. Neurochemistry International, 2016, 100, 1-10.	3.8	97
15	Anthocyanin-Loaded PEG-Gold Nanoparticles Enhanced the Neuroprotection of Anthocyanins in an AÎ²1â€“42 Mouse Model of Alzheimerâ€™s Disease. Molecular Neurobiology, 2017, 54, 6490-6506.	4.0	92
16	Protective Effect of Lupeol Against Lipopolysaccharide-Induced Neuroinflammation via the p38/c-Jun N-Terminal Kinase Pathway in the Adult Mouse Brain. Journal of NeuroImmune Pharmacology, 2016, 11, 48-60.	4.1	91
17	Anthocyanins Improve Hippocampus-Dependent Memory Function and Prevent Neurodegeneration via JNK/Akt/GSK3Î² Signaling in LPS-Treated Adult Mice. Molecular Neurobiology, 2019, 56, 671-687.	4.0	91
18	Acute dose of melatonin via Nrf2 dependently prevents acute ethanol-induced neurotoxicity in the developing rodent brain. Journal of Neuroinflammation, 2018, 15, 119.	7.2	63

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19	Adiponectin homolog novel osmotin protects obesity/diabetes-induced NAFLD by upregulating AdipoRs/PPARÎ± signaling in ob/ob and db/db transgenic mouse models. Metabolism: Clinical and Experimental, 2019, 90, 31-43.	3.4	60
20	Editorial: Natural Products-Based Drugs: Potential Therapeutics Against Alzheimerâ€™s Disease and Other Neurological Disorders. Frontiers in Pharmacology, 2019, 10, 1417.	3.5	57
21	Antioxidant and Neuroprotective Effects of Caffeine against Alzheimerâ€™s and Parkinsonâ€™s Disease: Insight into the Role of Nrf-2 and A2AR Signaling. Antioxidants, 2020, 9, 902.	5.1	56
22	Identification of Proteins Differentially Expressed in the Striatum by Melatonin in a Middle Cerebral Artery Occlusion Rat Modelâ€"a Proteomic and in silico Approach. Frontiers in Neuroscience, 2018, 12, 888.	2.8	53
23	Lawsonia Inermis Markedly Improves Cognitive Functions in Animal Models and Modulate Oxidative Stress Markers in the Brain. Medicina (Lithuania), 2019, 55, 192.	2.0	51
24	Phytomedicine-Based Potent Antioxidant, Fisetin Protects CNS-Insult LPS-Induced Oxidative Stress-Mediated Neurodegeneration and Memory Impairment. Journal of Clinical Medicine, 2019, 8, 850.	2.4	40
25	Lithium ameliorates lipopolysaccharide-induced neurotoxicity in the cortex and hippocampus of the adult rat brain. Neurochemistry International, 2017, 108, 343-354.	3.8	39
26	Potent Natural Antioxidant Carveol Attenuates MCAO-Stress Induced Oxidative, Neurodegeneration by Regulating the Nrf-2 Pathway. Frontiers in Neuroscience, 2020, 14, 659.	2.8	35
27	Adiponectin-mimetic novel nonapeptide rescues aberrant neuronal metabolic-associated memory deficits in Alzheimerâ€™s disease. Molecular Neurodegeneration, 2021, 16, 23.	10.8	32
28	Neuroprotection by vitamin C against ethanol -induced neuroinflammation associated neurodegeneration in developing rat brain. CNS and Neurological Disorders - Drug Targets, 2016, 15, 360-370.	1.4	30
29	The Adiponectin Homolog Osmotin Enhances Neurite Outgrowth and Synaptic Complexity via AdipoR1/NgR1 Signaling in Alzheimerâ€™s Disease. Molecular Neurobiology, 2018, 55, 6673-6686.	4.0	28
30	A Potent Antioxidant Endogenous Neurohormone Melatonin, Rescued MCAO by Attenuating Oxidative Stress-Associated Neuroinflammation. Frontiers in Pharmacology, 2020, 11, 1220.	3.5	25
31	Repurposing FDA Approved Drugs as JNK3 Inhibitor for Prevention of Neuroinflammation Induced by MCAO in Rats. Journal of Inflammation Research, 2020, Volume 13, 1185-1205.	3.5	24
32	Synthesis and Biological Evaluation of Benzimidazole Derivatives as Potential Neuroprotective Agents in an Ethanol-Induced Rodent Model. ACS Chemical Neuroscience, 2021, 12, 489-505.	3.5	23
33	Oral administration of repurposed drug targeting Cyp46A1 increases survival times of prion infected mice. Acta Neuropathologica Communications, 2021, 9, 58.	5.2	22
34	Co-Treatment with Anthocyanins and Vitamin C Ameliorates Ethanol- Induced Neurodegeneration via Modulation of GABAB Receptor Signaling in the Adult Rat Brain. CNS and Neurological Disorders - Drug Targets, 2015, 14, 791-803.	1.4	22
35	Melatonin as a Potential Regulator of Oxidative Stress, and Neuroinflammation: Mechanisms and Implications for the Management of Brain Injury-Induced Neurodegeneration. Journal of Inflammation Research, 2021, Volume 14, 6251-6264.	3.5	20
36	Apomorphine attenuates ethanol-induced neurodegeneration in the adult rat cortex. Neurochemistry International, 2014, 74, 8-15.	3.8	18

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37	Cadmium, an Environmental Contaminant, Exacerbates Alzheimerâ€™s Pathology in the Aged Miceâ€™s Brain. Frontiers in Aging Neuroscience, 2021, 13, 650930.	3.4	17
38	Withanolides isolated from Withania somnifera with Î±-glucosidase inhibition. Medicinal Chemistry Research, 2014, 23, 2386-2390.	2.4	13
39	Editorial: Current Trends in Medicinal Plant Research and Neurodegenerative Disorders. Frontiers in Pharmacology, 0, 13, .	3.5	7
40	Benzimidazole Derivatives as New Potential NLRP3 Inflammasome Inhibitors That Provide Neuroprotection in a Rodent Model of Neurodegeneration and Memory Impairment. Journal of Inflammation Research, 0, Volume 15, 3873-3890.	3.5	7
41	Identification of novel and potential PPARÎ³ stimulators as repurposed drugs for MCAO associated brain degeneration. Toxicology and Applied Pharmacology, 2022, 446, 116055.	2.8	5
42	Amino Acid Conjugates of Aminothiazole and Aminopyridine as Potential Anticancer Agents: Synthesis, Molecular Docking and in vitro Evaluation. Drug Design, Development and Therapy, 2021, Volume 15, 1459-1476.	4.3	2
43	2-Methoxy-6-Acetyl-7-Methyljuglone: A Bioactive Phytochemical with Potential Pharmacological Activities. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	1.7	1
44	Cellulose ethers reduce amyloidâ€beta pathology in in vitro and in vivo Alzheimerâ€™s disease model. Alzheimer's and Dementia, 2020, 16, e043995.	0.8	0
45	Developing a novel peptide aptamerâ€based treatment of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0