

# Tahir Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Identification of novel and potential PPAR $\beta$ stimulators as repurposed drugs for MCAO associated brain degeneration. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116055.	2.8	5
2	Ibrutinib alleviates LPS-induced neuroinflammation and synaptic defects in a mouse model of depression. <i>Brain, Behavior, and Immunity</i> , 2021, 92, 10-24.	4.1	98
3	Synthesis and Biological Evaluation of Benzimidazole Derivatives as Potential Neuroprotective Agents in an Ethanol-Induced Rodent Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 489-505.	3.5	23
4	Amino Acid Conjugates of Aminothiazole and Aminopyridine as Potential Anticancer Agents: Synthesis, Molecular Docking and in vitro Evaluation. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 1459-1476.	4.3	2
5	Oral administration of repurposed drug targeting Cyp46A1 increases survival times of prion infected mice. <i>Acta Neuropathologica Communications</i> , 2021, 9, 58.	5.2	22
6	Adiponectin-mimetic novel nonapeptide rescues aberrant neuronal metabolic-associated memory deficits in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2021, 16, 23.	10.8	32
7	Cadmium, an Environmental Contaminant, Exacerbates Alzheimer's Pathology in the Aged Mice's Brain. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 650930.	3.4	17
8	2-Methoxy-6-Acetyl-7-Methyljuglone: A Bioactive Phytochemical with Potential Pharmacological Activities. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	1.7	1
9	Melatonin as a Potential Regulator of Oxidative Stress, and Neuroinflammation: Mechanisms and Implications for the Management of Brain Injury-Induced Neurodegeneration. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 6251-6264.	3.5	20
10	Developing a novel peptide aptamer-based treatment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
11	A Potent Antioxidant Endogenous Neurohormone Melatonin, Rescued MCAO by Attenuating Oxidative Stress-Associated Neuroinflammation. <i>Frontiers in Pharmacology</i> , 2020, 11, 1220.	3.5	25
12	Antioxidant and Neuroprotective Effects of Caffeine against Alzheimer's and Parkinson's Disease: Insight into the Role of Nrf-2 and A2AR Signaling. <i>Antioxidants</i> , 2020, 9, 902.	5.1	56
13	Repurposing FDA Approved Drugs as JNK3 Inhibitor for Prevention of Neuroinflammation Induced by MCAO in Rats. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 1185-1205.	3.5	24
14	Cellulose ethers reduce amyloid $\beta$ pathology in in vitro and in vivo Alzheimer's disease model. <i>Alzheimer's and Dementia</i> , 2020, 16, e043995.	0.8	0
15	Potent Natural Antioxidant Carveol Attenuates MCAO-Stress Induced Oxidative, Neurodegeneration by Regulating the Nrf-2 Pathway. <i>Frontiers in Neuroscience</i> , 2020, 14, 659.	2.8	35
16	Ferulic Acid Rescues LPS-Induced Neurotoxicity via Modulation of the TLR4 Receptor in the Mouse Hippocampus. <i>Molecular Neurobiology</i> , 2019, 56, 2774-2790.	4.0	114
17	Anthocyanins Improve Hippocampus-Dependent Memory Function and Prevent Neurodegeneration via JNK/Akt/GSK3 $\beta$ Signaling in LPS-Treated Adult Mice. <i>Molecular Neurobiology</i> , 2019, 56, 671-687.	4.0	91
18	Phytomedicine-Based Potent Antioxidant, Fisetin Protects CNS-Insult LPS-Induced Oxidative Stress-Mediated Neurodegeneration and Memory Impairment. <i>Journal of Clinical Medicine</i> , 2019, 8, 850.	2.4	40

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19	Lawsonia Inermis Markedly Improves Cognitive Functions in Animal Models and Modulate Oxidative Stress Markers in the Brain. <i>Medicina (Lithuania)</i> , 2019, 55, 192.	2.0	51
20	Hesperetin Confers Neuroprotection by Regulating Nrf2/TLR4/NF- $\kappa$ B Signaling in an A $\beta$ <sup>2</sup> Mouse Model. <i>Molecular Neurobiology</i> , 2019, 56, 6293-6309.	4.0	125
21	Editorial: Natural Products-Based Drugs: Potential Therapeutics Against Alzheimer's Disease and Other Neurological Disorders. <i>Frontiers in Pharmacology</i> , 2019, 10, 1417.	3.5	57
22	Melatonin Rescue Oxidative Stress-Mediated Neuroinflammation/ Neurodegeneration and Memory Impairment in Scopolamine-Induced Amnesia Mice Model. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 278-294.	4.1	146
23	Adiponectin homolog novel osmotin protects obesity/diabetes-induced NAFLD by upregulating AdipoRs/PPAR $\alpha$ signaling in ob/ob and db/db transgenic mouse models. <i>Metabolism: Clinical and Experimental</i> , 2019, 90, 31-43.	3.4	60
24	The Adiponectin Homolog Osmotin Enhances Neurite Outgrowth and Synaptic Complexity via AdipoR1/NgR1 Signaling in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 6673-6686.	4.0	28
25	Natural Dietary Supplementation of Anthocyanins via PI3K/Akt/Nrf2/HO-1 Pathways Mitigate Oxidative Stress, Neurodegeneration, and Memory Impairment in a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 6076-6093.	4.0	331
26	Identification of Proteins Differentially Expressed in the Striatum by Melatonin in a Middle Cerebral Artery Occlusion Rat Model—a Proteomic and in silico Approach. <i>Frontiers in Neuroscience</i> , 2018, 12, 888.	2.8	53
27	Neuroprotective Effect of Quercetin Against the Detrimental Effects of LPS in the Adult Mouse Brain. <i>Frontiers in Pharmacology</i> , 2018, 9, 1383.	3.5	171
28	Acute dose of melatonin via Nrf2 dependently prevents acute ethanol-induced neurotoxicity in the developing rodent brain. <i>Journal of Neuroinflammation</i> , 2018, 15, 119.	7.2	63
29	Anthocyanins Reversed D-Galactose-Induced Oxidative Stress and Neuroinflammation Mediated Cognitive Impairment in Adult Rats. <i>Molecular Neurobiology</i> , 2017, 54, 255-271.	4.0	215
30	Neuroprotective Effect of Fisetin Against Amyloid-Beta-Induced Cognitive/Synaptic Dysfunction, Neuroinflammation, and Neurodegeneration in Adult Mice. <i>Molecular Neurobiology</i> , 2017, 54, 2269-2285.	4.0	161
31	Lithium ameliorates lipopolysaccharide-induced neurotoxicity in the cortex and hippocampus of the adult rat brain. <i>Neurochemistry International</i> , 2017, 108, 343-354.	3.8	39
32	Anthocyanin-Loaded PEG-Gold Nanoparticles Enhanced the Neuroprotection of Anthocyanins in an A $\beta$ <sup>1-42</sup> Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 6490-6506.	4.0	92
33	Anthocyanins protect against LPS-induced oxidative stress-mediated neuroinflammation and neurodegeneration in the adult mouse cortex. <i>Neurochemistry International</i> , 2016, 100, 1-10.	3.8	97
34	Osmotin attenuates LPS-induced neuroinflammation and memory impairments via the TLR4/NF $\kappa$ B signaling pathway. <i>Scientific Reports</i> , 2016, 6, 24493.	3.3	172
35	Protective Effect of Lupeol Against Lipopolysaccharide-Induced Neuroinflammation via the p38/c-Jun N-Terminal Kinase Pathway in the Adult Mouse Brain. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 48-60.	4.1	91
36	Neuroprotection by vitamin C against ethanol -induced neuroinflammation associated neurodegeneration in developing rat brain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 360-370.	1.4	30

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37	Melatonin ameliorates amyloid beta-induced memory deficits, tau hyperphosphorylation and neurodegeneration via $PI3/Akt/GSK3\beta$ pathway in the mouse hippocampus. <i>Journal of Pineal Research</i> , 2015, 59, 47-59.	7.4	180
38	Caffeine prevents d-galactose-induced cognitive deficits, oxidative stress, neuroinflammation and neurodegeneration in the adult rat brain. <i>Neurochemistry International</i> , 2015, 90, 114-124.	3.8	143
39	Osmotin attenuates amyloid beta-induced memory impairment, tau phosphorylation and neurodegeneration in the mouse hippocampus. <i>Scientific Reports</i> , 2015, 5, 11708.	3.3	116
40	Melatonin attenuates D-galactose-induced memory impairment, neuroinflammation and neurodegeneration via $RAGE/NF\kappa B/JNK$ signaling pathway in aging mouse model. <i>Journal of Pineal Research</i> , 2015, 58, 71-85.	7.4	221
41	Co-Treatment with Anthocyanins and Vitamin C Ameliorates Ethanol- Induced Neurodegeneration via Modulation of GABAB Receptor Signaling in the Adult Rat Brain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 791-803.	1.4	22
42	Withanolides isolated from <i>Withania somnifera</i> with $\alpha$ -glucosidase inhibition. <i>Medicinal Chemistry Research</i> , 2014, 23, 2386-2390.	2.4	13
43	Apomorphine attenuates ethanol-induced neurodegeneration in the adult rat cortex. <i>Neurochemistry International</i> , 2014, 74, 8-15.	3.8	18
44	Editorial: Current Trends in Medicinal Plant Research and Neurodegenerative Disorders. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	7
45	Benzimidazole Derivatives as New Potential NLRP3 Inflammasome Inhibitors That Provide Neuroprotection in a Rodent Model of Neurodegeneration and Memory Impairment. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3873-3890.	3.5	7