Touqeer Ahmed

List of Publications by Citations

58 papers	1,703 citations	21 h-index	40 g-index
60 ext. papers	2,062 ext. citations	5.3 avg, IF	5.1 L-index

#	Paper	IF	Citations
58	Inhibitory effect of curcuminoids on acetylcholinesterase activity and attenuation of scopolamine-induced amnesia may explain medicinal use of turmeric in Alzheimer's disease. *Pharmacology Biochemistry and Behavior*, **2009**, 91, 554-9	3.9	214
57	Quercetin and the mitochondria: A mechanistic view. *Biotechnology Advances*, **2016**, 34, 532-549	17.8	135
56	Berberine and neurodegeneration: A review of literature. *Pharmacological Reports*, **2015**, 67, 970-9	3.9	121
55	Curcuminoids enhance memory in an amyloid-infused rat model of Alzheimer's disease. *Neuroscience*, **2010**, 169, 1296-306	3.9	114
54	Resveratrol and Alzheimer's Disease: Mechanistic Insights. *Molecular Neurobiology*, **2017**, 54, 2622-2635	6.2	99
53	Ginsenoside Rb1 as a neuroprotective agent: A review. *Brain Research Bulletin*, **2016**, 125, 30-43	3.9	85
52	Therapeutic potential of turmeric in Alzheimer's disease: curcumin or curcuminoids?. *Phytotherapy Research*, **2014**, 28, 517-25	6.7	83
51	Neuroprotective Effects of Citrus Fruit-Derived Flavonoids, Nobiletin and Tangeretin in Alzheimer's and Parkinson's Disease. *CNS and Neurological Disorders - Drug Targets*, **2017**, 16, 387-397	2.6	66
50	A feedback neural circuit for calibrating aversive memory strength. *Nature Neuroscience*, **2017**, 20, 90-97	25.5	53
49	Bidirectional modulation of fear extinction by mediodorsal thalamic firing in mice. *Nature Neuroscience*, **2011**, 15, 308-14	25.5	52
48	A comparative study of curcuminoids to measure their effect on inflammatory and apoptotic gene expression in an A□plus ibotenic acid-infused rat model of Alzheimer's disease. *Brain Research*, **2011**, 1400, 1-18	3.7	50
47	Insights Into Effects of Ellagic Acid on the Nervous System: A Mini Review. *Current Pharmaceutical Design*, **2016**, 22, 1350-60	3.3	49
46	Polyphenolic Composition of Crataegus monogyna Jacq.: From Chemistry to Medical Applications. *Nutrients*, **2015**, 7, 7708-28	6.7	47
45	Regulation of autophagy by polyphenols: Paving the road for treatment of neurodegeneration. *Biotechnology Advances*, **2018**, 36, 1768-1778	17.8	43
44	Curcuminoids rescue long-term potentiation impaired by amyloid peptide in rat hippocampal slices. *Synapse*, **2011**, 65, 572-82	2.4	36
43	Cholinergic System and Post-translational Modifications: An Insight on the Role in Alzheimer's Disease. *Current Neuropharmacology*, **2017**, 15, 480-494	7.6	28
42	Alpha-lipoic acid-mediated activation of muscarinic receptors improves hippocampus- and amygdala-dependent memory. *Brain Research Bulletin*, **2016**, 122, 19-28	3.9	25

41	Novel therapeutic strategies for stroke: The role of autophagy. *Critical Reviews in Clinical Laboratory Sciences*, **2019**, 56, 182-199	9.4	23
40	Daidzein and its Effects on Brain. *Current Medicinal Chemistry*, **2017**, 24, 365-375	4.3	23
39	Xbox 360 Kinect Cognitive Games Improve Slowness, Complexity of EEG, and Cognitive Functions in Subjects with Mild Cognitive Impairment: A Randomized Control Trial. *Games for Health Journal*, **2019**, 8, 144-152	4.2	22
38	Muscarinic, Ca++ antagonist and specific butyrylcholinesterase inhibitory activity of dried ginger extract might explain its use in dementia. *Journal of Pharmacy and Pharmacology*, **2010**, 60, 1375-1383	4.8	21
37	Map kinase signaling as therapeutic target for neurodegeneration. *Pharmacological Research*, **2020**, 160, 105090	10.2	21
36	Therapeutic effects of aerobic exercise on EEG parameters and higher cognitive functions in mild cognitive impairment patients. *International Journal of Neuroscience*, **2019**, 129, 551-562	2	20
35	Muscarinic, Ca(++) antagonist and specific butyrylcholinesterase inhibitory activity of dried ginger extract might explain its use in dementia. *Journal of Pharmacy and Pharmacology*, **2008**, 60, 1375-83	4.8	19
34	Anticonvulsant, Anxiolytic, and Sedative Activities of. *Frontiers in Pharmacology*, **2016**, 7, 499	5.6	19
33	Protective effects of seed extract on lead induced neurotoxicity during development and early life in mouse models. *Toxicology Research*, **2018**, 7, 32-40	2.6	17
32	Elevated heavy metals levels in cognitively impaired patients from Pakistan. *Environmental Toxicology and Pharmacology*, **2018**, 60, 100-109	5.8	16
31	Aluminum-Induced Cholinergic Deficits in Different Brain Parts and Its Implications on Sociability and Cognitive Functions in Mouse. *Biological Trace Element Research*, **2017**, 177, 115-121	4.5	15
30	Pharmacological effects of Ibuprofen on learning and memory, muscarinic receptors gene expression and APP isoforms level in pre-frontal cortex of AlCl□nduced toxicity mouse model. *International Journal of Neuroscience*, **2015**, 125, 277-87	2	14
29	Ibuprofen targets neuronal pentraxins expresion and improves cognitive function in mouse model of AlCl-induced neurotoxicity. *Experimental and Therapeutic Medicine*, **2016**, 11, 601-606	2.1	14
28	Role of cholinergic receptors in memory retrieval depends on gender and age of memory. *Behavioural Brain Research*, **2017**, 331, 233-240	3.4	13
27	Neuroprotective effects of Foeniculum vulgare seeds extract on lead-induced neurotoxicity in mice brain. *Drug and Chemical Toxicology*, **2018**, 41, 399-407	2.3	12
26	Cyclooxygenase I and II inhibitors distinctly enhance hippocampal- and cortex-dependent cognitive functions in mice. *Molecular Medicine Reports*, **2015**, 12, 7649-56	2.9	12
25	Memory Enhancing Effect of Black Pepper in the AlCl3 Induced Neurotoxicity Mouse Model is Mediated Through Its Active Component Chavicine. *Current Pharmaceutical Biotechnology*, **2016**, 17, 962-73	2.6	12
24	Neuroprotective and Neurotoxic Implications of □ Nicotinic Acetylcholine Receptor and A□ Interaction: Therapeutic Options in Alzheimer□s Disease. *Current Drug Targets*, **2017**, 18, 1537-1544	3	12

23	Targeting STATs in neuroinflammation: The road less traveled!. *Pharmacological Research*, **2019**, 141, 73-84	10.2	11
22	Cortex- and Amygdala-Dependent Learning and Nicotinic Acetylcholine Receptor Gene Expression is Severely Impaired in Mice Orally Treated with AlCl. *Biological Trace Element Research*, **2017**, 179, 91-101	4.5	10
21	Co-exposure of metals and high fat diet causes aging like neuropathological changes in non-aged mice brain. *Brain Research Bulletin*, **2019**, 147, 148-158	3.9	10
20	Rosmarinic acid and ursolic acid alleviate deficits in cognition, synaptic regulation and adult hippocampal neurogenesis in an A□nduced mouse model of Alzheimer℞ disease. *Phytomedicine*, **2021**, 83, 153490	6.5	9
19	Tanshinones and mental diseases: from chemistry to medicine. *Reviews in the Neurosciences*, **2016**, 27, 777-791	4.7	8
18	Oral exposure to aluminum leads to reduced nicotinic acetylcholine receptor gene expression, severe neurodegeneration and impaired hippocampus dependent learning in mice. *Drug and Chemical Toxicology*, **2021**, 44, 310-318	2.3	7
17	Memory-enhancing effect of aspirin is mediated through opioid system modulation in an AlCl-induced neurotoxicity mouse model. *Experimental and Therapeutic Medicine*, **2016**, 11, 1961-1970	2.1	6
16	Soaked Almonds Exhibit Vitamin E-dependent Memory Protective Effect in Rodent Models. *International Journal of Pharmacology*, **2017**, 13, 448-456	0.7	5
15	Pharmacological Effects of Turmeric on Learning, Memory and Expression of Muscarinic Receptor Genes (M1, M3 and M5) in Stress-induced Mouse Model. *Current Drug Targets*, **2017**, 18, 1545-1557	3	4
14	Aluminum Suppresses Effect of Nicotine on Gamma Oscillations (20-40 Hz) in Mouse Hippocampal Slices. *CNS and Neurological Disorders - Drug Targets*, **2018**, 17, 404-411	2.6	4
13	Blood-Based Biomarkers for Predictive Diagnosis of Cognitive Impairment in a Pakistani Population. *Frontiers in Aging Neuroscience*, **2020**, 12, 223	5.3	4
12	Muscarinic activity in hippocampus and entorhinal cortex is crucial for spatial and fear memory retrieval. *Pharmacological Reports*, **2019**, 71, 449-456	3.9	4
11	Identification and antibiogram pattern of from the milk and milk products in and around Jammu region. *Veterinary World*, **2018**, 11, 186-191	1.7	3
10	Pharmacological Effects of Curcuminoids in Neurological Disorders **2019**, 129-154		2
9	Syzygium aromaticum ethanol extract reduces AlCl3-induced neurotoxicity in mice brain through regulation of amyloid precursor protein and oxidative stress gene expression. *Asian Pacific Journal of Tropical Medicine*, **2018**, 11, 123	2.1	2
8	Amyloid-beta Induced Neurotoxicity Impairs Cognition and Adult Hippocampal Neurogenesis in a Mouse Model for Alzheimer℞ Disease. *Current Alzheimer Research*, **2020**, 17, 1033-1042	3	2
7	Gender dependent contribution of muscarinic receptors in memory retrieval under sub-chronic stress. *Neuroscience Letters*, **2018**, 681, 6-11	3.3	2
6	Potential Use of Curcuminoids for the Treatment of Alzheimer℞ Disease **2017**, 463-487		1

List of Publications

5	Expression of DnMTs and MBDs in AlCl-Induced Neurotoxicity Mouse Model. *Biological Trace Element Research*, **2021**, 199, 3433-3444	4.5	1
4	Effects of curcuminoids on cognitive deficits in young audiovisually overstimulated mice. *Food Bioscience*, **2020**, 35, 100565	4.9	1
3	Age-Related Diseases **2020**, 27-51		0
2	Anti-Oxidant Nutrients and Nutraceuticals in Aging **2020**, 195-216		
1	Gender dimorphic effect of dopamine D2 and muscarinic cholinergic receptors on memory retrieval. *Psychopharmacology*, **2021**, 238, 2225-2234	4.7	