Gulnaz Begum

List of Publications by Year
in descending order

19	878	471509 17	794594 19
papers	citations	h-index	g-index

20	20	20	1241
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Docosahexaenoic Acid Reduces ER Stress and Abnormal Protein Accumulation and Improves Neuronal Function Following Traumatic Brain Injury. Journal of Neuroscience, 2014, 34, 3743-3755.	3.6	103
2	Administration of DHA Reduces Endoplasmic Reticulum Stress-Associated Inflammation and Alters Microglial or Macrophage Activation in Traumatic Brain Injury. ASN Neuro, 2015, 7, 175909141561896.	2.7	79
3	Inhibition of WNK3 Kinase Signaling Reduces Brain Damage and Accelerates Neurological Recovery After Stroke. Stroke, 2015, 46, 1956-1965.	2.0	78
4	Selective knockout of astrocytic Na⁺/H⁺ exchanger isoform 1 reduces astrogliosis, BBB damage, infarction, and improves neurological function after ischemic stroke. Glia, 2018, 66, 126-144.	4.9	74
5	Activation of endothelial Wnt/Î²-catenin signaling by protective astrocytes repairs BBB damage in ischemic stroke. Progress in Neurobiology, 2021, 199, 101963.	5.7	64
6	ER Stress and Effects of DHA as an ER Stress Inhibitor. Translational Stroke Research, 2013, 4, 635-642.	4.2	49
7	DHA inhibits ER Ca²⁺ release and ER stress in astrocytes following in vitro ischemia. Journal of Neurochemistry, 2012, 120, 622-630.	3.9	48
8	Blockade of Na/H exchanger stimulates glioma tumor immunogenicity and enhances combinatorial TMZ and anti-PD-1 therapy. Cell Death and Disease, 2018, 9, 1010.	6.3	47
9	Peripheral motor neuropathy is associated with defective kinase regulation of the KCC3 cotransporter. Science Signaling, 2016, 9, ra77.	3.6	46
10	Elevated Na/H exchanger 1 (SLC9A1) emerges as a marker for tumorigenesis and prognosis in gliomas. Journal of Experimental and Clinical Cancer Research, 2018, 37, 255.	8.6	45
11	Selective role of Na⁺/H⁺ exchanger in Cx3cr1⁺ microglial activation, white matter demyelination, and postâ€stroke function recovery. Glia, 2018, 66, 2279-2298.	4.9	43
12	Attenuating vascular stenosis-induced astrogliosis preserves white matter integrity and cognitive function. Journal of Neuroinflammation, 2021, 18, 187.	7.2	36
13	Deletion of the WNK3-SPAK kinase complex in mice improves radiographic and clinical outcomes in malignant cerebral edema after ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 550-563.	4.3	31
14	Sustained Na+/H+ Exchanger Activation Promotes Gliotransmitter Release from Reactive Hippocampal Astrocytes following Oxygen-Glucose Deprivation. PLoS ONE, 2014, 9, e84294.	2.5	30
15	Regulated phosphorylation of the K-Cl cotransporter KCC3 is a molecular switch of intracellular potassium content and cell volume homeostasis. Frontiers in Cellular Neuroscience, 2015, 9, 255.	3.7	27
16	WNK-Cab39-NKCC1 signaling increases the susceptibility to ischemic brain damage in hypertensive rats. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2780-2794.	4.3	23
17	Blockade of Cell Volume Regulatory Protein NKCC1 Increases TMZ-Induced Glioma Apoptosis and Reduces Astrogliosis. Molecular Cancer Therapeutics, 2020, 19, 1550-1561.	4.1	22
18	NOX activation in reactive astrocytes regulates astrocytic LCN2 expression and neurodegeneration. Cell Death and Disease, 2022, 13, 371.	6.3	18

#	Article	IF	Citations
19	Role of SPAKâ€“NKCC1 signaling cascade in the choroid plexus bloodâ€“CSF barrier damage after stroke. Journal of Neuroinflammation, 2022, 19, 91.	7.2	15