

# Gulnaz Begum

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

878  
citations

471477

17  
h-index

794568

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Docosahexaenoic Acid Reduces ER Stress and Abnormal Protein Accumulation and Improves Neuronal Function Following Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 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. <i>ASN Neuro</i> , 2015, 7, 175909141561896.	2.7	79
3	Inhibition of WNK3 Kinase Signaling Reduces Brain Damage and Accelerates Neurological Recovery After Stroke. <i>Stroke</i> , 2015, 46, 1956-1965.	2.0	78
4	Selective knockout of astrocytic Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 reduces astrogliosis, BBB damage, infarction, and improves neurological function after ischemic stroke. <i>Glia</i> , 2018, 66, 126-144.	4.9	74
5	Activation of endothelial Wnt/ $\beta$ -catenin signaling by protective astrocytes repairs BBB damage in ischemic stroke. <i>Progress in Neurobiology</i> , 2021, 199, 101963.	5.7	64
6	ER Stress and Effects of DHA as an ER Stress Inhibitor. <i>Translational Stroke Research</i> , 2013, 4, 635-642.	4.2	49
7	DHA inhibits ER Ca <sup>2+</sup> release and ER stress in astrocytes following <i>in vitro</i> ischemia. <i>Journal of Neurochemistry</i> , 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. <i>Cell Death and Disease</i> , 2018, 9, 1010.	6.3	47
9	Peripheral motor neuropathy is associated with defective kinase regulation of the KCC3 cotransporter. <i>Science Signaling</i> , 2016, 9, ra77.	3.6	46
10	Elevated Na/H exchanger 1 (SLC9A1) emerges as a marker for tumorigenesis and prognosis in gliomas. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 255.	8.6	45
11	Selective role of Na <sup>+</sup> /H <sup>+</sup> exchanger in <i>Cx3cr1</i> microglial activation, white matter demyelination, and post-stroke function recovery. <i>Glia</i> , 2018, 66, 2279-2298.	4.9	43
12	Attenuating vascular stenosis-induced astrogliosis preserves white matter integrity and cognitive function. <i>Journal of Neuroinflammation</i> , 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. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 550-563.	4.3	31
14	Sustained Na <sup>+</sup> /H <sup>+</sup> Exchanger Activation Promotes Gliotransmitter Release from Reactive Hippocampal Astrocytes following Oxygen-Glucose Deprivation. <i>PLoS ONE</i> , 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. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 255.	3.7	27
16	WNK-Cab39-NKCC1 signaling increases the susceptibility to ischemic brain damage in hypertensive rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2780-2794.	4.3	23
17	Blockade of Cell Volume Regulatory Protein NKCC1 Increases TMZ-Induced Glioma Apoptosis and Reduces Astrogliosis. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1550-1561.	4.1	22
18	NOX activation in reactive astrocytes regulates astrocytic LCN2 expression and neurodegeneration. <i>Cell Death and Disease</i> , 2022, 13, 371.	6.3	18

#	ARTICLE	IF	CITATIONS
19	Role of SPAK-NKCC1 signaling cascade in the choroid plexus blood-CSF barrier damage after stroke. Journal of Neuroinflammation, 2022, 19, 91.	7.2	15