

# Mohammad Iqbal Hossain Bhuiyan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

510  
citations

759233

12  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

674  
citing authors

#	ARTICLE	IF	CITATIONS
1	NF- $\kappa$ B Signaling-Mediated Activation of WNK-SPAK-NKCC1 Cascade in Worsened Stroke Outcomes of Angiotensin II-Hypertensive Mice. <i>Stroke</i> , 2022, 53, 1720-1734.	2.0	5
2	Role of SPAK-NKCC1 signaling cascade in the choroid plexus blood-CSF barrier damage after stroke. <i>Journal of Neuroinflammation</i> , 2022, 19, 91.	7.2	15
3	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
4	Blocking NHE1 stimulates glioma tumor immunity by restoring OXPHOS function of myeloid cells. <i>Theranostics</i> , 2021, 11, 1295-1309.	10.0	24
5	Abstract P70: SPAK/OSR1 Signaling as a Novel Target for Post-Stroke Oxidative Stress Brain Injury. <i>Stroke</i> , 2021, 52, .	2.0	0
6	Abstract P761: Reducing Reactive Astrocytes Improves Cognitive Function in a Mouse Model of Vascular Cognitive Impairment and Dementia. <i>Stroke</i> , 2021, 52, .	2.0	0
7	Attenuating vascular stenosis-induced astrogliosis preserves white matter integrity and cognitive function. <i>Journal of Neuroinflammation</i> , 2021, 18, 187.	7.2	36
8	In silico identification of potential inhibitors with higher potency than bumetanide targeting NKCC1: An important ion co-transporter to treat neurological disorders. <i>Informatics in Medicine Unlocked</i> , 2021, 27, 100777.	3.4	3
9	Modulation of brain cation-Cl <sup>-</sup> cotransport via the SPAK kinase inhibitor ZT-1a. <i>Nature Communications</i> , 2020, 11, 78.	12.8	69
10	WNK-SPAK/OSR1-CCC signaling in ischemic brain damage. , 2020, , 431-461.		0
11	A Novel Na <sup>+</sup> -K <sup>+</sup> -Cl <sup>-</sup> Cotransporter 1 Inhibitor STS66* Reduces Brain Damage in Mice After Ischemic Stroke. <i>Stroke</i> , 2019, 50, 1021-1025.	2.0	37
12	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
13	Black Rice ( <i>Oryza sativa</i> L., Poaceae) Extract Reduces Hippocampal Neuronal Cell Death Induced by Transient Global Cerebral Ischemia in Mice. <i>Experimental Neurobiology</i> , 2018, 27, 129-138.	1.6	8
14	Lin28 overexpression inhibits neurite outgrowth of primary cortical neurons in vitro. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 297-304.	0.7	2
15	Effects of novel NKCC1 inhibitors on reducing brain damage and neurological deficits after ischemic stroke in mice. <i>FASEB Journal</i> , 2018, 32, 824.2.	0.5	0
16	Lin28 overexpression inhibits neurite outgrowth of primary cortical neurons in vitro. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 297-304.	0.7	1
17	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
18	Functional kinomics establishes a critical node of volume-sensitive cation-Cl <sup>-</sup> cotransporter regulation in the mammalian brain. <i>Scientific Reports</i> , 2016, 6, 35986.	3.3	38

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19	Anthocyanins Extracted from Black Soybean Seed Coat Protect Primary Cortical Neurons against <i>in Vitro</i> Ischemia. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 999-1008.	1.4	23
20	Major role of the PI3K/Akt pathway in ischemic tolerance induced by sublethal oxygen-glucose deprivation in cortical neurons <i>in vitro</i> . <i>Archives of Pharmacal Research</i> , 2011, 34, 1023-1034.	6.3	23
21	Antimelanogenic effect of Pini Nodi Lignum extract in HM3KO melanoma cells. <i>Molecular and Cellular Toxicology</i> , 2011, 7, 135-139.	1.7	3
22	The Neuroprotective Potential of Cyanidin-3-glucoside Fraction Extracted from Mulberry Following Oxygen-glucose Deprivation. <i>Korean Journal of Physiology and Pharmacology</i> , 2011, 15, 353.	1.2	43
23	Involvement of Ceramide in Ischemic Tolerance Induced by Preconditioning with Sublethal Oxygen-Glucose Deprivation in Primary Cultured Cortical Neurons of Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 11-17.	1.4	19