Ruchira Menka Jha

List of Publications by Year
in descending order

39 papers	1,026 citations	471061 17 h-index	454577 30 g-index
41 all docs	41 docs citations	41 times ranked	1214 citing authors

#	Article	IF	Citations
1	Pathophysiology and treatment of cerebral edema in traumatic brain injury. Neuropharmacology, 2019, 145, 230-246.	2.0	269
2	Blood Biomarkers for Detection of Brain Injury in COVID-19 Patients. Journal of Neurotrauma, 2021, 38, 1-43.	1.7	68
3	Fluid-Attenuated Inversion Recovery Hyperintensity Correlates With Matrix Metalloproteinase-9 Level and Hemorrhagic Transformation in Acute Ischemic Stroke. Stroke, 2014, 45, 1040-1045.	1.0	50
4	Intracranial Pressure Trajectories: A Novel Approach to Informing Severe Traumatic Brain Injury Phenotypes*. Critical Care Medicine, 2018, 46, 1792-1802.	0.4	47
5	Sulfonylurea Receptor-1: A Novel Biomarker for Cerebral Edema in Severe Traumatic Brain Injury. Critical Care Medicine, 2017, 45, e255-e264.	0.4	46
6	ABCC8 Single Nucleotide Polymorphisms are Associated with Cerebral Edema in Severe TBI. Neurocritical Care, 2017, 26, 213-224.	1.2	40
7	Predictors of Successful Palliation of Compression Fractures with Vertebral Augmentation: Single-center Experience of 525 Cases. Journal of Vascular and Interventional Radiology, 2009, 20, 760-768.	0.2	37
8	Regionally clustered ABCC8 polymorphisms in a prospective cohort predict cerebral oedema and outcome in severe traumatic brain injury. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1152-1162.	0.9	36
9	Role of Sulfonylurea Receptor 1 and Glibenclamide in Traumatic Brain Injury: A Review of the Evidence. International Journal of Molecular Sciences, 2020, 21, 409.	1.8	36
10	Glibenclamide Produces Region-Dependent Effects on Cerebral Edema in a Combined Injury Model of Traumatic Brain Injury and Hemorrhagic Shock in Mice. Journal of Neurotrauma, 2018, 35, 2125-2135.	1.7	35
11	Paths to Successful Translation of New Therapies for Severe Traumatic Brain Injury in the Golden Age of Traumatic Brain Injury Research: A Pittsburgh Vision. Journal of Neurotrauma, 2020, 37, 2353-2371.	1.7	31
12	A Precision Medicine Approach to Cerebral Edema and Intracranial Hypertension after Severe Traumatic Brain Injury: Quo Vadis?. Current Neurology and Neuroscience Reports, 2018, 18, 105.	2.0	30
13	DownstreamTRPM4Polymorphisms Are Associated with Intracranial Hypertension and Statistically Interact withABCC8Polymorphisms in a Prospective Cohort of Severe Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 1804-1817.	1.7	28
14	Palliation of compression fractures in cancer patients by vertebral augmentation: a retrospective analysis. Journal of NeuroInterventional Surgery, 2010, 2, 221-228.	2.0	24
15	Cerebral Edema in Traumatic Brain Injury: a Historical Framework for Current Therapy. Current Treatment Options in Neurology, 2020, 22, 1.	0.7	22
16	Sulfonylurea Receptor 1 in Central Nervous System Injury: An Updated Review. International Journal of Molecular Sciences, 2021, 22, 11899.	1.8	22
17	Glibenclamide Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. Journal of Neurotrauma, 2021, 38, 628-645.	1.7	20
18	Drug repurposing for COVID-19 based on an integrative meta-analysis of SARS-CoV-2 induced gene signature in human airway epithelium. PLoS ONE, 2021, 16, e0257784.	1.1	20

#	Article	IF	Citations
19	The aquaporin-4 inhibitor AER-271 blocks acute cerebral edema and improves early outcome in a pediatric model of asphyxial cardiac arrest. Pediatric Research, 2019, 85, 511-517.	1.1	18
20	Collateral Circulation Augmentation and Neuroprotection as Adjuvant to Mechanical Thrombectomy in Acute Ischemic Stroke. Neurology, 2021, 97, S178-S184.	1.5	17
21	Toward a global and reproducible science for brain imaging in neurotrauma: the ENIGMA adult moderate/severe traumatic brain injury working group. Brain Imaging and Behavior, 2021, 15, 526-554.	1.1	16
22	The pharmacogenomics of severe traumatic brain injury. Pharmacogenomics, 2017, 18, 1413-1425.	0.6	15
23	Emerging therapeutic targets for cerebral edema. Expert Opinion on Therapeutic Targets, 2021, 25, 917-938.	1.5	15
24	Adding insight to injury: a new era in neurotrauma. Lancet Neurology, The, 2017, 16, 578-580.	4.9	14
25	Genetic Variants Associated With Intraparenchymal Hemorrhage Progression After Traumatic Brain Injury. JAMA Network Open, 2021, 4, e2116839.	2.8	11
26	Cerebrospinal Fluid Sulfonylurea Receptor-1 is Associated with Intracranial Pressure and Outcome after Pediatric TBI: An Exploratory Analysis of the Cool Kids Trial. Journal of Neurotrauma, 2021, 38, 1615-1619.	1.7	9
27	Decreased DNA Methylation of RGMA is Associated with Intracranial Hypertension After Severe Traumatic Brain Injury: An Exploratory Epigenome-Wide Association Study. Neurocritical Care, 2022, 37, 26-37.	1.2	8
28	Pain Trajectories Following Subarachnoid Hemorrhage are Associated with Continued Opioid Use at Outpatient Follow-up. Neurocritical Care, 2021, , 1.	1.2	7
29	Clinical Anatomy and Imaging of the Cranial Nerves and Skull Base. Seminars in Neurology, 2013, 32, 332-346.	0.5	5
30	Abcc8 (Sulfonylurea Receptor-1) Impact on Brain Atrophy after Traumatic Brain Injury Varies by Sex. Journal of Neurotrauma, 2021, 38, 2473-2485.	1.7	5
31	Multifaceted Benefit of Whole Blood Versus Lactated Ringerâ€™s Resuscitation After Traumatic Brain Injury and Hemorrhagic Shock in Mice. Neurocritical Care, 2021, 34, 781-794.	1.2	4
32	Choice of Whole Blood versus Lactated Ringer's Resuscitation Modifies the Relationship between Blood Pressure Target and Functional Outcome after Traumatic Brain Injury plus Hemorrhagic Shock in Mice. Journal of Neurotrauma, 2021, 38, 2907-2917.	1.7	3
33	Transcranial dopplers after cardiac arrest: Should we ride this wave?. Resuscitation, 2019, 141, 204-206.	1.3	2
34	â€œTake a Numberâ€â€”Precision Monitoring Directs Precision Therapy. Neurocritical Care, 2020, 32, 683-686.	1.2	2
35	Clinical Reasoning: A 24-year-old woman with progressive headache and somnolence. Neurology, 2014, 82, e188-93.	1.5	1
36	491. Critical Care Medicine, 2015, 43, 124.	0.4	1

#	Article	IF	Citations
37	Arresting edema: Important after anoxic brain injury?. Resuscitation, 2019, 137, 237-238.	1.3	1
38	Neurocritical Care Updates in Cerebrovascular Disease. Stroke, 2021, 52, 2436-2439.	1.0	1
39	Fluid therapy after brain injury: the pendulum swings again. Lancet Neurology, The, 2021, 20, 587-589.	4.9	0