

Baiyun Liu

List of Publications by Year in descending order

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papers

642
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687363

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times ranked

918
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#	ARTICLE	IF	CITATIONS
1	Consensus statement from the International Consensus Meeting on the Role of Decompressive Craniectomy in the Management of Traumatic Brain Injury. <i>Acta Neurochirurgica</i> , 2019, 161, 1261-1274.	1.7	143
2	Hydrogen-rich saline protects against oxidative damage and cognitive deficits after mild traumatic brain injury. <i>Brain Research Bulletin</i> , 2012, 88, 560-565.	3.0	53
3	Hydrogen-rich water attenuates brain damage and inflammation after traumatic brain injury in rats. <i>Brain Research</i> , 2016, 1637, 1-13.	2.2	40
4	Hydrogen-rich water protects against ischemic brain injury in rats by regulating calcium buffering proteins. <i>Brain Research</i> , 2015, 1615, 129-138.	2.2	27
5	An Exhaustive Drainage Strategy in Burr-hole Craniostomy for Chronic Subdural Hematoma. <i>World Neurosurgery</i> , 2019, 126, e1412-e1420.	1.3	24
6	Corticosterone Replacement Alleviates Hippocampal Neuronal Apoptosis and Spatial Memory Impairment Induced by Dexamethasone via Promoting Brain Corticosteroid Receptor Rebalance after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 262-272.	3.4	24
7	Clinical Features, Treatment, and Prognostic Factors of 56 Intracranial and Intraspinal Clear Cell Meningiomas. <i>World Neurosurgery</i> , 2018, 111, e880-e887.	1.3	22
8	The characteristics of post-neurosurgical bacterial meningitis in elective neurosurgery in 2012: A single institute study. <i>Clinical Neurology and Neurosurgery</i> , 2015, 139, 41-45.	1.4	21
9	A comparative study of chronic subdural hematoma in three age ranges: Below 40 years, 41-79 years, and 80 years and older. <i>Clinical Neurology and Neurosurgery</i> , 2019, 178, 63-69.	1.4	18
10	Mitochondrial Division Inhibitor 1 Prevents Early-Stage Induction of Mitophagy and Accelerated Cell Death in a Rat Model of Moderate Controlled Cortical Impact Brain Injury. <i>World Neurosurgery</i> , 2019, 122, e1090-e1101.	1.3	18
11	Current status and development of traumatic brain injury treatments in China. <i>Chinese Journal of Traumatology - English Edition</i> , 2015, 18, 135-136.	1.4	15
12	Decompressive craniectomy for severe traumatic brain injury patients with fixed dilated pupils. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 1627.	2.0	15
13	Portable near-infrared rapid detection of intracranial hemorrhage in Chinese population. <i>Journal of Clinical Neuroscience</i> , 2017, 40, 136-146.	1.5	13
14	Clinical, Radiologic, and Pathologic Features of 56 Cases of Intracranial Lymphoplasmacyte-Rich Meningioma. <i>World Neurosurgery</i> , 2017, 106, 152-164.	1.3	13
15	Saikosaponin a protects TBI rats after controlled cortical impact and the underlying mechanism. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 133-41.	0.0	13
16	Research progress in traumatic brain penumbra. <i>Chinese Medical Journal</i> , 2014, 127, 1964-8.	2.3	13
17	The Clinical Features and Surgical Outcomes of Spinal Cord Tanycytic Ependymomas: A Report of 40 Cases. <i>World Neurosurgery</i> , 2017, 106, 60-73.	1.3	12
18	Prognostic Predictors of Early Outcomes and Discharge Status of Patients Undergoing Decompressive Craniectomy After Severe Traumatic Brain Injury. <i>World Neurosurgery</i> , 2019, 126, e101-e108.	1.3	12

#	ARTICLE	IF	CITATIONS
19	The Clinical Characteristics, Treatment, and Outcomes of Chronic Subdural Hematoma in Young Patients. <i>World Neurosurgery</i> , 2019, 125, e1241-e1246.	1.3	12
20	Prevalence and Altered Causes of Traumatic Brain Injury in China: A Nationwide Survey in 2013. <i>Neuroepidemiology</i> , 2020, 54, 106-113.	2.3	12
21	Corticosteroid receptor rebalancing alleviates critical illness-related corticosteroid insufficiency after traumatic brain injury by promoting paraventricular nuclear cell survival via Akt/CREB/BDNF signaling. <i>Journal of Neuroinflammation</i> , 2020, 17, 318.	7.2	12
22	Dexamethasone impairs neurofunctional recovery in rats following traumatic brain injury by reducing circulating endothelial progenitor cells and angiogenesis. <i>Brain Research</i> , 2019, 1725, 146469.	2.2	11
23	Brain metastatic alveolar soft-part sarcoma: Clinicopathological profiles, management and outcomes. <i>Oncology Letters</i> , 2017, 14, 5779-5784.	1.8	10
24	Clinical features, surgical management, and prognostic factors of secretory meningiomas: a single-center case series of 149 patients. <i>Journal of Neuro-Oncology</i> , 2018, 136, 515-522.	2.9	9
25	Neuroprotective efficacy of decompressive craniectomy after controlled cortical impact injury in rats: An MRI study. <i>Brain Research</i> , 2015, 1622, 339-349.	2.2	8
26	Inadequate Expression and Activation of Mineralocorticoid Receptor Aggravates Spatial Memory Impairment after Traumatic Brain Injury. <i>Neuroscience</i> , 2020, 424, 1-11.	2.3	8
27	Clinical characteristics and prognosis factors analysis for post-operative ptosis of sphenocavernous meningiomas: A single institution study. <i>Clinical Neurology and Neurosurgery</i> , 2015, 131, 35-41.	1.4	6
28	Primary Intracranial Alveolar Soft-Part Sarcoma: Report of Two Cases and a Review of the Literature. <i>World Neurosurgery</i> , 2016, 90, 699.e1-699.e6.	1.3	6
29	A Comparative Study of Chronic Subdural Hematoma in Patients With and Without Head Trauma: A Retrospective Cross Sectional Study. <i>Frontiers in Neurology</i> , 2020, 11, 588242.	2.4	6
30	Prognostic Analysis of Emergency Decompressive Craniectomy for Patients with Severe Traumatic Brain Injury with Bilateral Fixed Dilated Pupils. <i>World Neurosurgery</i> , 2021, 146, e1307-e1317.	1.3	6
31	Therapeutic effect analysis of acute traumatic brain injuries. <i>Neurological Research</i> , 2008, 30, 594-597.	1.3	5
32	Protective Functions of PJ34, a Poly(ADP-ribose) Polymerase Inhibitor, Are Related to Down-Regulation of Calpain and Nuclear Factor- κ B in a Mouse Model of Traumatic Brain Injury. <i>World Neurosurgery</i> , 2017, 107, 888-899.	1.3	5
33	CSF leukocyte, polykaryocyte, protein and glucose: Their cut-offs of judging whether post-neurosurgical bacterial meningitis has been cured. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 198-202.	1.4	5
34	Protective effects of PARP inhibitor, PJ34, is related to down-regulation of calpain and NF- κ B in a mouse model of TBI. <i>Brain Injury</i> , 2016, , 1-11.	1.2	3
35	Neurotrauma in China. <i>World Neurosurgery</i> , 2016, 92, 552-558.	1.3	3
36	The clinical features and surgical outcomes of intracranial tanycytic ependymomas: a single-institutional experience. <i>Journal of Neuro-Oncology</i> , 2017, 134, 339-347.	2.9	3

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37	Decompressive craniectomy protects against hippocampal edema and behavioral deficits at an early stage of a moderately controlled cortical impact brain injury model in adult male rats. Behavioural Brain Research, 2018, 345, 1-8.	2.2	3
38	Tanycytic ependymoma of filum terminale: Clinical characteristics and surgical outcomes. Oncology Letters, 2018, 16, 6910-6917.	1.8	3
39	The Surgical Strategies and Techniques of Transorbital Nonmissile Brain Injury. World Neurosurgery, 2020, 144, e856-e865.	1.3	3
40	Scalp Metastasis of Anaplastic Oligodendroglioma. World Neurosurgery, 2019, 128, 448-451.	1.3	2
41	The Dual Dose-Dependent Effects of Corticosterone on Hippocampal Cell Apoptosis After Traumatic Brain Injury Depend on the Activation Ratio of Mineralocorticoid Receptors to Glucocorticoid Receptors. Frontiers in Pharmacology, 2021, 12, 713715.	3.5	2
42	Effects of cerebral perfusion pressure on regional cerebral blood flow in dogs with acute epidural hematoma: quantitative evaluation with contrast-enhanced ultrasound. Oncotarget, 2017, 8, 93373-93381.	1.8	2
43	Local Skull Thinning is One of Risks for the Ruptured Arachnoid Cysts With Chronic Subdural Hematoma in Adults. Journal of Craniofacial Surgery, 2021, Publish Ahead of Print, .	0.7	1
44	In Reply to "Early Outcome Following Decompressive Craniectomy for Traumatic Brain Injury: A Prediction Model" World Neurosurgery, 2019, 127, 657.	1.3	0