

# Brandon Foreman

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

4,050  
citations

159358

30  
h-index

128067

60  
g-index

94  
all docs

94  
docs citations

94  
times ranked

4212  
citing authors

#	ARTICLE	IF	CITATIONS
1	New-onset refractory status epilepticus. <i>Neurology</i> , 2015, 85, 1604-1613.	1.5	370
2	The continuum of spreading depolarizations in acute cortical lesion development: Examining Leão's legacy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1571-1594.	2.4	297
3	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1595-1625.	2.4	255
4	Recovery After Mild Traumatic Brain Injury in Patients Presenting to US Level I Trauma Centers. <i>JAMA Neurology</i> , 2019, 76, 1049.	4.5	247
5	Quantitative EEG for the detection of brain ischemia. <i>Critical Care</i> , 2012, 16, 216.	2.5	221
6	Intravenous ketamine for the treatment of refractory status epilepticus: A retrospective multicenter study. <i>Epilepsia</i> , 2013, 54, 1498-1503.	2.6	210
7	Risk of Posttraumatic Stress Disorder and Major Depression in Civilian Patients After Mild Traumatic Brain Injury. <i>JAMA Psychiatry</i> , 2019, 76, 249.	6.0	170
8	Generalized periodic discharges in the critically ill. <i>Neurology</i> , 2012, 79, 1951-1960.	1.5	167
9	Association between plasma GFAP concentrations and MRI abnormalities in patients with CT-negative traumatic brain injury in the TRACK-TBI cohort: a prospective multicentre study. <i>Lancet Neurology</i> , 2019, 18, 953-961.	4.9	150
10	Usefulness of the Abbreviated Injury Score and the Injury Severity Score in Comparison to the Glasgow Coma Scale in Predicting Outcome After Traumatic Brain Injury. <i>Journal of Trauma</i> , 2007, 62, 946-950.	2.3	144
11	Assessment of Follow-up Care After Emergency Department Presentation for Mild Traumatic Brain Injury and Concussion. <i>JAMA Network Open</i> , 2018, 1, e180210.	2.8	119
12	Terminal spreading depolarization and electrical silence in death of human cerebral cortex. <i>Annals of Neurology</i> , 2018, 83, 295-310.	2.8	103
13	Continuous electroencephalography predicts delayed cerebral ischemia after subarachnoid hemorrhage: A prospective study of diagnostic accuracy. <i>Annals of Neurology</i> , 2018, 83, 958-969.	2.8	102
14	High-dose midazolam infusion for refractory status epilepticus. <i>Neurology</i> , 2014, 82, 359-365.	1.5	92
15	The Pathophysiology of Delayed Cerebral Ischemia. <i>Journal of Clinical Neurophysiology</i> , 2016, 33, 174-182.	0.9	91
16	Is pentobarbital safe and efficacious in the treatment of super-refractory status epilepticus: a cohort study. <i>Critical Care</i> , 2014, 18, R103.	2.5	78
17	Prognostic Value of Spreading Depolarizations in Patients With Severe Traumatic Brain Injury. <i>JAMA Neurology</i> , 2020, 77, 489.	4.5	78
18	Generalized periodic discharges and "triphasic waves": A blinded evaluation of inter-rater agreement and clinical significance. <i>Clinical Neurophysiology</i> , 2016, 127, 1073-1080.	0.7	71

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19	Autonomic dysfunction following traumatic brain injury: translational insights. <i>Neurosurgical Focus</i> , 2019, 47, E8.	1.0	54
20	Direct current electrocorticography for clinical neuromonitoring of spreading depolarizations. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1857-1870.	2.4	52
21	Diagnosing Level of Consciousness: The Limits of the Glasgow Coma Scale Total Score. <i>Journal of Neurotrauma</i> , 2021, 38, 3295-3305.	1.7	51
22	Sleep in the Neurological Intensive Care Unit. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 66-74.	0.9	50
23	Continuous Electroencephalography After Moderate to Severe Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2019, 47, 574-582.	0.4	46
24	Epilepsy Emergencies: Diagnosis and Management. <i>Neurologic Clinics</i> , 2012, 30, 11-41.	0.8	43
25	Response Rates to Anticonvulsant Trials in Patients with Triphasic-Wave EEG Patterns of Uncertain Significance. <i>Neurocritical Care</i> , 2016, 24, 233-239.	1.2	43
26	Impact of Prolonged Periodic Epileptiform Discharges on Coma Prognosis. <i>Neurocritical Care</i> , 2012, 17, 39-44.	1.2	40
27	Which Spreading Depolarizations Are Deleterious To Brain Tissue?. <i>Neurocritical Care</i> , 2020, 32, 317-322.	1.2	40
28	The Effect of Antidepressants on Depression After Traumatic Brain Injury: A Meta-analysis. <i>Journal of Head Trauma Rehabilitation</i> , 2019, 34, E47-E54.	1.0	36
29	What Should a Clinician Do When Spreading Depolarizations are Observed in a Patient?. <i>Neurocritical Care</i> , 2020, 32, 306-310.	1.2	36
30	The epilepsy bioinformatics study for anti-epileptogenic therapy (EpiBioS4Rx) clinical biomarker: Study design and protocol. <i>Neurobiology of Disease</i> , 2019, 123, 110-114.	2.1	32
31	Relationship of Coagulopathy and Platelet Dysfunction to Transfusion Needs After Traumatic Brain Injury. <i>Neurocritical Care</i> , 2018, 28, 330-337.	1.2	29
32	Survey of the diagnostic and therapeutic approach to new-onset refractory status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 46, 24-30.	0.9	25
33	Intracortical electrophysiological correlates of blood flow after severe SAH: A multimodality monitoring study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 506-517.	2.4	24
34	Safety and Reliability of Bedside, Single Burr Hole Technique for Intracranial Multimodality Monitoring in Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2018, 29, 469-480.	1.2	23
35	Association of Posttraumatic Epilepsy With 1-Year Outcomes After Traumatic Brain Injury. <i>JAMA Network Open</i> , 2021, 4, e2140191.	2.8	18
36	Assessment of Cerebrovascular Autoregulation Using Regional Cerebral Blood Flow in Surgically Managed Brain Trauma Patients. <i>Neurocritical Care</i> , 2015, 23, 339-346.	1.2	17

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37	Association of Early Multiple Organ Dysfunction With Clinical and Functional Outcomes Over the Year Following Traumatic Brain Injury: A Transforming Research and Clinical Knowledge in Traumatic Brain Injury Study. <i>Critical Care Medicine</i> , 2021, 49, 1769-1778.	0.4	17
38	Interrater Agreement for Consensus Definitions of Delayed Ischemic Events After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Clinical Neurophysiology</i> , 2016, 33, 235-240.	0.9	16
39	Intracranial Pressure Monitoring Signals After Traumatic Brain Injury: A Narrative Overview and Conceptual Data Science Framework. <i>Frontiers in Neurology</i> , 2020, 11, 959.	1.1	16
40	First-in-clinical application of a time-gated diffuse correlation spectroscopy system at 1064nm using superconducting nanowire single photon detectors in a neuro intensive care unit. <i>Biomedical Optics Express</i> , 2022, 13, 1344.	1.5	15
41	Stimulus-Induced Rhythmic, Periodic, or Ictal Discharges in Coma—Incidence and Interrater Reliability of Continuous EEG After a Standard Stimulation Protocol. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 375-380.	0.9	14
42	The Experience of Caregivers Following a Moderate to Severe Traumatic Brain Injury Requiring ICU Admission. <i>Journal of Head Trauma Rehabilitation</i> , 2020, 35, E299-E309.	1.0	14
43	Challenges and Opportunities in Multimodal Monitoring and Data Analytics in Traumatic Brain Injury. <i>Current Neurology and Neuroscience Reports</i> , 2021, 21, 6.	2.0	14
44	Efficacy of Noninvasive Technologies in Triaging Traumatic Brain Injury and Correlating With Intracranial Pressure: A Prospective Study. <i>Journal of Surgical Research</i> , 2021, 262, 27-37.	0.8	13
45	Quantitative EEG for the Detection of Brain Ischemia. , 2012, , 746-758.		13
46	Novel minimally invasive multi-modality monitoring modalities in neurocritical care. <i>Journal of the Neurological Sciences</i> , 2018, 390, 184-192.	0.3	11
47	Commentary: Detecting Cortical Spreading Depolarization with Full Band Scalp Electroencephalography: An Illusion?. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 19.	1.2	11
48	The Relationship Between Seizures and Spreading Depolarizations in Patients with Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2022, 37, 31-48.	1.2	11
49	Letter to the Editor. Ketamine sedation for the suppression of spreading depolarizations. <i>Journal of Neurosurgery</i> , 2019, 130, 2095-2097.	0.9	10
50	Neurocritical Care: Bench to Bedside (Eds. Claude Hemphill, Michael James) Integrating and Using Big Data in Neurocritical Care. <i>Neurotherapeutics</i> , 2020, 17, 593-605.	2.1	10
51	Sustainability of Applied Intracranial Multimodality Neuromonitoring After Severe Brain Injury. <i>World Neurosurgery</i> , 2019, 124, 378-380.	0.7	7
52	Incidence and Clinical Impact of Myocardial Injury Following Traumatic Brain Injury. <i>Journal of Neurosurgical Anesthesiology</i> , 2021, Publish Ahead of Print, .	0.6	7
53	Generalized periodic discharges with triphasic morphology. <i>Journal of Neurocritical Care</i> , 2019, 12, 1-8.	0.4	7
54	First Report of Spreading Depolarization Correlates on Scalp EEG Confirmed with a Depth Electrode. <i>Neurocritical Care</i> , 2021, 35, 100-104.	1.2	7

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55	Association of Vasopressor Choice with Clinical and Functional Outcomes Following Moderate to Severe Traumatic Brain Injury: A TRACK-TBI Study. <i>Neurocritical Care</i> , 2022, 36, 180-191.	1.2	5
56	Risk Factors and Neurological Outcomes Associated With Circulatory Shock After Moderate to Severe Traumatic Brain Injury: A TRACK-TBI Study. <i>Neurosurgery</i> , 2022, 91, 427-436.	0.6	5
57	Blood Flow and Continuous EEG Changes during Symptomatic Plateau Waves. <i>Brain Sciences</i> , 2018, 8, 14.	1.1	4
58	The Experience of a Neurocritical Care Admission and Discharge for Patients and Their Families: A Qualitative Analysis. <i>Journal of Neuroscience Nursing</i> , 2020, 52, 179-185.	0.7	4
59	Factors Associated with Early versus Delayed Expansion of Acute Subdural Hematomas Initially Managed Conservatively. <i>Journal of Neurotrauma</i> , 2021, 38, 903-910.	1.7	4
60	Development and Evaluation of a Method for Automated Detection of Spreading Depolarizations in the Injured Human Brain. <i>Neurocritical Care</i> , 2021, 35, 160-175.	1.2	4
61	Seizures and Cognitive Outcome After Traumatic Brain Injury: A Post Hoc Analysis. <i>Neurocritical Care</i> , 2022, 36, 130-138.	1.2	4
62	Noninvasive Optical Monitoring of Cerebral Blood Flow and EEG Spectral Responses after Severe Traumatic Brain Injury: A Case Report. <i>Brain Sciences</i> , 2021, 11, 1093.	1.1	4
63	Diffusion-Weighted Imaging Reveals Distinct Patterns of Cytotoxic Edema in Patients with Subdural Hematomas. <i>Journal of Neurotrauma</i> , 2021, 38, 2677-2685.	1.7	3
64	Feasibility of Nurse-Led Multidimensional Outcome Assessments in the Neuroscience Intensive Care Unit. <i>Critical Care Nurse</i> , 2020, 40, e1-e8.	0.5	3
65	Harmonization of Physiological Data in Neurocritical Care: Challenges and a Path Forward. <i>Neurocritical Care</i> , 2022, 37, 202-205.	1.2	3
66	Implementation of a Neurotrauma Hotline for post-hospital continuity of care. <i>Acta Neurologica Scandinavica</i> , 2020, 141, 351-354.	1.0	2
67	Status Epilepticus: Work-Up and Management in Adults. <i>Seminars in Neurology</i> , 2020, 40, 652-660.	0.5	2
68	Diagnosing Level of Consciousness: The Limits of the Glasgow Coma Scale Total Score. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, e7.	0.5	2
69	Single-Center Experience With Antibiotic Prophylaxis and Infectious Complications in Civilian Cranial Gunshot Wounds. <i>Neurosurgery Open</i> , 2021, 2, .	0.7	2
70	Antithrombotic regimens and need for critical care interventions among patients with subdural hematomas. <i>American Journal of Emergency Medicine</i> , 2021, 47, 6-12.	0.7	2
71	New-onset seizures in two adults with hemophagocytic lymphohistiocytosis. <i>Journal of Neurology</i> , 2015, 262, 1063-1065.	1.8	1
72	Vibration Does Not Affect Short Term Outcomes Following Traumatic Brain Injury in a Porcine Model. <i>Military Medicine</i> , 2020, 185, e473-e479.	0.4	1

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73	Can We Distinguish Triphasic Waves From Other Generalized Periodic Discharges? Do We Need to?. Journal of Clinical Neurophysiology, 2021, 38, 362-365.	0.9	1
74	Introduction to Spreading Depolarizations: Special Edition of Neurocritical Care. Neurocritical Care, 2021, 35, 87-88.	1.2	1
75	Introduction to Spreading Depolarizations Special Edition Volume 2. Neurocritical Care, 0, , .	1.2	1
76	Usefulness of the Abbreviated Injury Score. Journal of Head Trauma Rehabilitation, 2006, 21, 409.	1.0	0
77	Clinical Reasoning: A 40-year-old man with tremor and seizure. Neurology, 2011, 77, e88-92.	1.5	0
78	Seizures and status epilepticus in critical illness. , 0, , 391-402.		0
79	Periodic EEG Patterns. , 2018, , 43-64.		0
80	A Bedside, Single Burr Hole Approach to Multimodality Monitoring in Severe Brain Injury. Journal of Visualized Experiments, 2019, , .	0.2	0
81	Reply to. Journal of Clinical Neurophysiology, 2019, 36, 320-321.	0.9	0
82	Subspace Clustering of Physiological Data From Acute Traumatic Brain Injury Patients: Retrospective Analysis Based on the PROTECT III Trial. JMIR Biomedical Engineering, 2021, 6, e24698.	0.7	0
83	Prognostication in Adults. , 2017, , 445-464.		0
84	Fulminant Hepatic Failure, Multiorgan Failure and Endocrine Crisis and Critical Care Seizures. , 2017, , 243-258.		0
85	Generalized Periodic Discharges. , 2018, , .		0
86	Enhanced Cerebral Blood Flow Sensitivity Using Time-Gated Diffuse Correlation Spectroscopy for Monitoring of Traumatic Brain Injury. , 2022, , .		0