

Jeffrey J Bazarian

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

4,874
citations

136740

32
h-index

98622

67
g-index

68
all docs

68
docs citations

68
times ranked

4647
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion Tensor Imaging Detects Clinically Important Axonal Damage after Mild Traumatic Brain Injury: A Pilot Study. <i>Journal of Neurotrauma</i> , 2007, 24, 1447-1459.	1.7	442
2	Mild traumatic brain injury in the United States, 1998–2000. <i>Brain Injury</i> , 2005, 19, 85-91.	0.6	410
3	Epidemiology and predictors of post-concussive syndrome after minor head injury in an emergency population. <i>Brain Injury</i> , 1999, 13, 173-189.	0.6	330
4	Serum GFAP and UCH-L1 for prediction of absence of intracranial injuries on head CT (ALERT-TBI): a multicentre observational study. <i>Lancet Neurology</i> , The, 2018, 17, 782-789.	4.9	330
5	Sex Differences in Outcome after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 527-539.	1.7	289
6	Subject-specific changes in brain white matter on diffusion tensor imaging after sports-related concussion. <i>Magnetic Resonance Imaging</i> , 2012, 30, 171-180.	1.0	248
7	Consequences of Repeated Blood-Brain Barrier Disruption in Football Players. <i>PLoS ONE</i> , 2013, 8, e56805.	1.1	246
8	Persistent, Long-term Cerebral White Matter Changes after Sports-Related Repetitive Head Impacts. <i>PLoS ONE</i> , 2014, 9, e94734.	1.1	230
9	Accuracy of Mild Traumatic Brain Injury Case Ascertainment Using ICD-9 Codes. <i>Academic Emergency Medicine</i> , 2006, 13, 31-38.	0.8	163
10	Long-term Neurologic Outcomes After Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2009, 24, 439-451.	1.0	161
11	Ability of Serum Glial Fibrillary Acidic Protein, Ubiquitin C-Terminal Hydrolase-L1, and S100B To Differentiate Normal and Abnormal Head Computed Tomography Findings in Patients with Suspected Mild or Moderate Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 203-214.	1.7	142
12	Serum S-100B and cleaved-tau are poor predictors of long-term outcome after mild traumatic brain injury. <i>Brain Injury</i> , 2006, 20, 759-765.	0.6	135
13	Is phosphorylated tau unique to chronic traumatic encephalopathy? Phosphorylated tau in epileptic brain and chronic traumatic encephalopathy. <i>Brain Research</i> , 2016, 1630, 225-240.	1.1	120
14	The Relation Between Posttraumatic Stress Disorder and Mild Traumatic Brain Injury Acquired During Operations Enduring Freedom and Iraqi Freedom. <i>Journal of Head Trauma Rehabilitation</i> , 2013, 28, 1-12.	1.0	118
15	Predicting Postconcussion Syndrome after Minor Traumatic Brain Injury. <i>Academic Emergency Medicine</i> , 2001, 8, 788-795.	0.8	107
16	Acute plasma tau relates to prolonged return to play after concussion. <i>Neurology</i> , 2017, 88, 595-602.	1.5	102
17	Bench to Bedside: Evidence for Brain Injury after Concussion-Looking beyond the Computed Tomography Scan. <i>Academic Emergency Medicine</i> , 2006, 13, 199-214.	0.8	85
18	Ethnic and Racial Disparities in Emergency Department Care for Mild Traumatic Brain Injury. <i>Academic Emergency Medicine</i> , 2003, 10, 1209-1217.	0.8	83

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19	Significance of Ubiquitin Carboxy-Terminal Hydrolase L1 Elevations in Athletes after Sub-Concussive Head Hits. PLoS ONE, 2014, 9, e96296.	1.1	72
20	A common neural signature of brain injury in concussion and subconcussion. Science Advances, 2019, 5, eaau3460.	4.7	71
21	Subject-Specific Increases in Serum S-100B Distinguish Sports-Related Concussion from Sports-Related Exertion. PLoS ONE, 2014, 9, e84977.	1.1	69
22	Ethnic and Racial Disparities in Emergency Department Care for Mild Traumatic Brain Injury. Academic Emergency Medicine, 2003, 10, 1209-1217.	0.8	64
23	Prospective Assessment of Acute Blood Markers of Brain Injury in Sport-Related Concussion. Journal of Neurotrauma, 2017, 34, 3134-3142.	1.7	63
24	Do Admitted Patients Held in the Emergency Department Impact the Throughput of Treat-and-release Patients?. Academic Emergency Medicine, 1996, 3, 1113-1118.	0.8	58
25	Utility of Serum Biomarkers in the Diagnosis and Stratification of Mild Traumatic Brain Injury. Academic Emergency Medicine, 2017, 24, 710-720.	0.8	58
26	A Prospective Study of Acute Blood-Based Biomarkers for Sport-Related Concussion. Annals of Neurology, 2020, 87, 907-920.	2.8	55
27	The relationship between pre-hospital and emergency department Glasgow coma scale scores. Brain Injury, 2003, 17, 553-560.	0.6	46
28	Diffusion Tensor Imaging in Athletes Sustaining Repetitive Head Impacts: A Systematic Review of Prospective Studies. Journal of Neurotrauma, 2019, 36, 2831-2849.	1.7	42
29	Concussions Are Associated With Decreased Batting Performance Among Major League Baseball Players. American Journal of Sports Medicine, 2015, 43, 1127-1133.	1.9	39
30	Novel Method of Weighting Cumulative Helmet Impacts Improves Correlation with Brain White Matter Changes After One Football Season of Sub-concussive Head Blows. Annals of Biomedical Engineering, 2016, 44, 3679-3692.	1.3	39
31	A Brain Electrical Activity Electroencephalographic-Based Biomarker of Functional Impairment in Traumatic Brain Injury: A Multi-Site Validation Trial. Journal of Neurotrauma, 2018, 35, 41-47.	1.7	39
32	Emergency Department Triage of Traumatic Head Injury Using a Brain Electrical Activity Biomarker: A Multisite Prospective Observational Validation Trial. Academic Emergency Medicine, 2017, 24, 617-627.	0.8	35
33	The biological significance and clinical utility of emerging blood biomarkers for traumatic brain injury. Neuroscience and Biobehavioral Reviews, 2021, 130, 433-447.	2.9	33
34	Plasma metabolomic biomarkers accurately classify acute mild traumatic brain injury from controls. PLoS ONE, 2018, 13, e0195318.	1.1	30
35	Accuracy of a rapid glial fibrillary acidic protein/ubiquitin carboxyl-terminal hydrolase L1 test for the prediction of intracranial injuries on head computed tomography after mild traumatic brain injury. Academic Emergency Medicine, 2021, 28, 1308-1317.	0.8	29
36	Genome-Wide Changes in Peripheral Gene Expression following Sports-Related Concussion. Journal of Neurotrauma, 2016, 33, 1576-1585.	1.7	26

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37	Lateral automobile impacts and the risk of traumatic brain injury. <i>Annals of Emergency Medicine</i> , 2004, 44, 142-152.	0.3	24
38	Repetitive Concussions in Adolescent Athletes â€“ Translating Clinical and Experimental Research into Perspectives on Rehabilitation Strategies. <i>Frontiers in Neurology</i> , 2015, 6, 69.	1.1	21
39	S100B outperforms clinical decision rules for the identification of intracranial injury on head CT scan after mild traumatic brain injury. <i>Brain Injury</i> , 2020, 34, 407-414.	0.6	21
40	Sex Differences in Circulating T-Tau Trajectories After Sports-Concussion and Correlation With Outcome. <i>Frontiers in Neurology</i> , 2020, 11, 651.	1.1	16
41	Validation of a Machine Learning Brain Electrical Activityâ€“Based Index to Aid in Diagnosing Concussion Among Athletes. <i>JAMA Network Open</i> , 2021, 4, e2037349.	2.8	15
42	Impact of creatine kinase correction on the predictive value of S-100B after mild traumatic brain injury. <i>Restorative Neurology and Neuroscience</i> , 2006, 24, 163-72.	0.4	15
43	Potential Metabolomic Linkage in Blood between Parkinsonâ€™s Disease and Traumatic Brain Injury. <i>Metabolites</i> , 2018, 8, 50.	1.3	14
44	Predictive Performance of Traumatic Brain Injury Biomarkers in High-Risk Elderly Patients. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 91-100.	0.6	14
45	Biomarkers May Predict Unfavorable Neurological Outcome after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2624-2631.	1.7	13
46	Blood-Based Biomarkers for the Identification of Sports-Related Concussion. <i>Neurologic Clinics</i> , 2017, 35, 473-485.	0.8	11
47	Accuracy of ED triage of psychiatric patients. <i>American Journal of Emergency Medicine</i> , 2004, 22, 249-253.	0.7	10
48	Preface. <i>Journal of Head Trauma Rehabilitation</i> , 2010, 25, 225-227.	1.0	9
49	ADHD May Associate With Reduced Tolerance to Acute Subconcussive Head Impacts: A Pilot Case-Control Intervention Study. <i>Journal of Attention Disorders</i> , 2022, 26, 125-139.	1.5	9
50	Progesterone Treatment Does Not Decrease Serum Levels of Biomarkers of Glial and Neuronal Cell Injury in Moderate and Severe Traumatic Brain Injury Subjects: A Secondary Analysis of the Progesterone for Traumatic Brain Injury, Experimental Clinical Treatment (ProTECT) III Trial. <i>Journal of Neurotrauma</i> , 2021, 38, 1953-1960.	1.7	9
51	The ENIGMA sports injury working group:â€“ an international collaboration to further our understanding of sport-related brain injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 576-584.	1.1	8
52	Corticosteroids for traumatic brain injury. <i>Annals of Emergency Medicine</i> , 2002, 40, 515-517.	0.3	7
53	Classification of Comprehensive Neuro-Ophthalmologic Measures of Postacute Concussion. <i>JAMA Network Open</i> , 2021, 4, e210599.	2.8	7
54	Referrals for CT scans in mild TBI patients can be aided by the use of a brain electrical activity biomarker. <i>American Journal of Emergency Medicine</i> , 2017, 35, 1777-1779.	0.7	5

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55	Recommendations for the Emergency Department Prevention of Sport-Related Concussion. <i>Annals of Emergency Medicine</i> , 2020, 75, 471-482.	0.3	5
56	Managing Pediatric Concussion in the Emergency Department. <i>Annals of Emergency Medicine</i> , 2020, 75, 762-766.	0.3	5
57	Helmets for preventing head, brain, and facial injuries in cyclists. <i>Annals of Emergency Medicine</i> , 2003, 41, 738-740.	0.3	4
58	Tau, S-100 Calcium-Binding Protein B, and Neuron-Specific Enolase as Biomarkers of Concussion. <i>JAMA Neurology</i> , 2014, 71, 925.	4.5	4
59	Preface to Multidisciplinary Concussion Clinics. <i>Journal of Head Trauma Rehabilitation</i> , 2019, 34, 371-374.	1.0	3
60	Concussion assessment potentially aided by use of an objective multimodal concussion index. <i>Journal of Concussion</i> , 2021, 5, 205970022110043.	0.2	3
61	Age and Sex Interactions in Recovery From Mild Traumatic Brain Injury: More Questions Than Answers. <i>JAMA Network Open</i> , 2021, 4, e213068.	2.8	3
62	Integrating multi-omics with neuroimaging and behavior: A preliminary model of dysfunction in football athletes. <i>NeuroImage Reports</i> , 2021, 1, 100032.	0.5	3
63	Biomarkers May Provide Unique Insights Into Neurological Effects Associated With Sport-Related Concussions. <i>JAMA Network Open</i> , 2020, 3, e1919799.	2.8	2
64	A preliminary model of football-related neural stress that integrates metabolomics with transcriptomics and virtual reality. <i>IScience</i> , 2022, 25, 103483.	1.9	2
65	Emergency department evaluation of the concussed athlete. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and C W Bruyn, 2018, 158, 81-90.	1.0	1
66	Neutrophil Gene Expression Patterns in Multiple Trauma Patients Indicate Distinct Clinical Outcomes. <i>Journal of Surgical Research</i> , 2022, 277, 100-109.	0.8	1
67	Defining an Approach to Monitoring Brain Health in Individuals Exposed to Repetitive Head Impacts: Lessons Learned from Radiation Safety. <i>Journal of Neurotrauma</i> , 2022, 39, 897-901.	1.7	1
68	ErbB Signaling Pathway Genes Are Differentially Expressed in Monozygotic Twins Discordant for Sports-Related Concussion. <i>Twin Research and Human Genetics</i> , 0, , 1-8.	0.3	0