Jeffrey J Bazarian

List of Publications by Year
in descending order

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68 papers	4,874 citations	136950 32 h-index	98798 67 g-index
68 all docs	68 docs citations	68 times ranked	4647 citing authors

#	Article	IF	Citations
1	ADHD May Associate With Reduced Tolerance to Acute Subconcussive Head Impacts: A Pilot Case-Control Intervention Study. Journal of Attention Disorders, 2022, 26, 125-139.	2.6	9
2	A preliminary model of football-related neural stress that integrates metabolomics with transcriptomics and virtual reality. IScience, 2022, 25, 103483.	4.1	2
3	Neutrophil Gene Expression Patterns in Multiple Trauma Patients Indicate Distinct Clinical Outcomes. Journal of Surgical Research, 2022, 277, 100-109.	1.6	1
4	Defining an Approach to Monitoring Brain Health in Individuals Exposed to Repetitive Head Impacts: Lessons Learned from Radiation Safety. Journal of Neurotrauma, 2022, 39, 897-901.	3.4	1
5	The ENIGMA sports injury working group:â€“ an international collaboration to further our understanding of sport-related brain injury. Brain Imaging and Behavior, 2021, 15, 576-584.	2.1	8
6	Concussion assessment potentially aided by use of an objective multimodal concussion index. Journal of Concussion, 2021, 5, 205970022110043.	0.6	3
7	Validation of a Machine Learning Brain Electrical Activityâ€“Based Index to Aid in Diagnosing Concussion Among Athletes. JAMA Network Open, 2021, 4, e2037349.	5.9	15
8	Classification of Comprehensive Neuro-Ophthalmologic Measures of Postacute Concussion. JAMA Network Open, 2021, 4, e210599.	5.9	7
9	Age and Sex Interactions in Recovery From Mild Traumatic Brain Injury: More Questions Than Answers. JAMA Network Open, 2021, 4, e213068.	5.9	3
10	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. Journal of Neurotrauma, 2021, 38, 1953-1960.	3.4	9
11	Integrating multi-omics with neuroimaging and behavior: A preliminary model of dysfunction in football athletes. NeuroImage Reports, 2021, 1, 100032.	1.0	3
12	Accuracy of a rapid glial fibrillary acidic protein/ubiquitin carboxylâ€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.	1.8	29
13	The biological significance and clinical utility of emerging blood biomarkers for traumatic brain injury. Neuroscience and Biobehavioral Reviews, 2021, 130, 433-447.	6.1	33
14	Recommendations for the Emergency Department Prevention of Sport-Related Concussion. Annals of Emergency Medicine, 2020, 75, 471-482.	0.6	5
15	Sex Differences in Circulating T-Tau Trajectories After Sports-Concussion and Correlation With Outcome. Frontiers in Neurology, 2020, 11, 651.	2.4	16
16	Biomarkers May Predict Unfavorable Neurological Outcome after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 2624-2631.	3.4	13
17	A Prospective Study of Acute Bloodâ€Based Biomarkers for Sportâ€Related Concussion. Annals of Neurology, 2020, 87, 907-920.	5.3	55
18	Biomarkers May Provide Unique Insights Into Neurological Effects Associated With Sport-Related Concussions. JAMA Network Open, 2020, 3, e1919799.	5.9	2

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19	S100B outperforms clinical decision rules for the identification of intracranial injury on head CT scan after mild traumatic brain injury. Brain Injury, 2020, 34, 407-414.	1.2	21
20	Managing Pediatric Concussion in the Emergency Department. Annals of Emergency Medicine, 2020, 75, 762-766.	0.6	5
21	Predictive Performance of Traumatic Brain Injury Biomarkers in High-Risk Elderly Patients. journal of applied laboratory medicine, The, 2020, 5, 91-100.	1.3	14
22	A common neural signature of brain injury in concussion and subconcussion. Science Advances, 2019, 5, eaau3460.	10.3	71
23	Diffusion Tensor Imaging in Athletes Sustaining Repetitive Head Impacts: A Systematic Review of Prospective Studies. Journal of Neurotrauma, 2019, 36, 2831-2849.	3.4	42
24	Preface to Multidisciplinary Concussion Clinics. Journal of Head Trauma Rehabilitation, 2019, 34, 371-374.	1.7	3
25	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.	3.4	39
26	Emergency department evaluation of the concussed athlete. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 158, 81-90.	1.8	1
27	Potential Metabolomic Linkage in Blood between Parkinsonâ€™s Disease and Traumatic Brain Injury. Metabolites, 2018, 8, 50.	2.9	14
28	Plasma metabolomic biomarkers accurately classify acute mild traumatic brain injury from controls. PLoS ONE, 2018, 13, e0195318.	2.5	30
29	Serum GFAP and UCH-L1 for prediction of absence of intracranial injuries on head CT (ALERT-TBI): a multicentre observational study. Lancet Neurology, The, 2018, 17, 782-789.	10.2	330
30	Acute plasma tau relates to prolonged return to play after concussion. Neurology, 2017, 88, 595-602.	1.1	102
31	Utility of Serum Biomarkers in the Diagnosis and Stratification of Mild Traumatic Brain Injury. Academic Emergency Medicine, 2017, 24, 710-720.	1.8	58
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.	1.8	35
33	Referrals for CT scans in mild TBI patients can be aided by the use of a brain electrical activity biomarker. American Journal of Emergency Medicine, 2017, 35, 1777-1779.	1.6	5
34	Prospective Assessment of Acute Blood Markers of Brain Injury in Sport-Related Concussion. Journal of Neurotrauma, 2017, 34, 3134-3142.	3.4	63
35	Blood-Based Biomarkers for the Identification of Sports-Related Concussion. Neurologic Clinics, 2017, 35, 473-485.	1.8	11
36	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.	2.5	39

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37	Is phosphorylated tau unique to chronic traumatic encephalopathy? Phosphorylated tau in epileptic brain and chronic traumatic encephalopathy. Brain Research, 2016, 1630, 225-240.	2.2	120
38	Genome-Wide Changes in Peripheral Gene Expression following Sports-Related Concussion. Journal of Neurotrauma, 2016, 33, 1576-1585.	3.4	26
39	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. Journal of Neurotrauma, 2016, 33, 203-214.	3.4	142
40	Repetitive Concussions in Adolescent Athletes â€“ Translating Clinical and Experimental Research into Perspectives on Rehabilitation Strategies. Frontiers in Neurology, 2015, 6, 69.	2.4	21
41	Concussions Are Associated With Decreased Batting Performance Among Major League Baseball Players. American Journal of Sports Medicine, 2015, 43, 1127-1133.	4.2	39
42	Subject-Specific Increases in Serum S-100B Distinguish Sports-Related Concussion from Sports-Related Exertion. PLoS ONE, 2014, 9, e84977.	2.5	69
43	Persistent, Long-term Cerebral White Matter Changes after Sports-Related Repetitive Head Impacts. PLoS ONE, 2014, 9, e94734.	2.5	230
44	Tau, S-100 Calcium-Binding Protein B, and Neuron-Specific Enolase as Biomarkers of Concussion. JAMA Neurology, 2014, 71, 925.	9.0	4
45	Significance of Ubiquitin Carboxy-Terminal Hydrolase L1 Elevations in Athletes after Sub-Concussive Head Hits. PLoS ONE, 2014, 9, e96296.	2.5	72
46	The Relation Between Posttraumatic Stress Disorder and Mild Traumatic Brain Injury Acquired During Operations Enduring Freedom and Iraqi Freedom. Journal of Head Trauma Rehabilitation, 2013, 28, 1-12.	1.7	118
47	Consequences of Repeated Blood-Brain Barrier Disruption in Football Players. PLoS ONE, 2013, 8, e56805.	2.5	246
48	Subject-specific changes in brain white matter on diffusion tensor imaging after sports-related concussion. Magnetic Resonance Imaging, 2012, 30, 171-180.	1.8	248
49	Preface. Journal of Head Trauma Rehabilitation, 2010, 25, 225-227.	1.7	9
50	Sex Differences in Outcome after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2010, 27, 527-539.	3.4	289
51	Long-term Neurologic Outcomes After Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2009, 24, 439-451.	1.7	161
52	Diffusion Tensor Imaging Detects Clinically Important Axonal Damage after Mild Traumatic Brain Injury: A Pilot Study. Journal of Neurotrauma, 2007, 24, 1447-1459.	3.4	442
53	Serum S-100B and cleaved-tau are poor predictors of long-term outcome after mild traumatic brain injury. Brain Injury, 2006, 20, 759-765.	1.2	135
54	Bench to Bedside: Evidence for Brain Injury after Concussion-Looking beyond the Computed Tomography Scan. Academic Emergency Medicine, 2006, 13, 199-214.	1.8	85

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55	Accuracy of Mild Traumatic Brain Injury Case Ascertainment Using ICD-9 Codes. Academic Emergency Medicine, 2006, 13, 31-38.	1.8	163
56	Impact of creatine kinase correction on the predictive value of S-100B after mild traumatic brain injury. Restorative Neurology and Neuroscience, 2006, 24, 163-72.	0.7	15
57	Mild traumatic brain injury in the United States, 1998â€“2000. Brain Injury, 2005, 19, 85-91.	1.2	410
58	Lateral automobile impacts and the risk of traumatic brain injury. Annals of Emergency Medicine, 2004, 44, 142-152.	0.6	24
59	Accuracy of ED triage of psychiatric patients. American Journal of Emergency Medicine, 2004, 22, 249-253.	1.6	10
60	Ethnic and Racial Disparities in Emergency Department Care for Mild Traumatic Brain Injury. Academic Emergency Medicine, 2003, 10, 1209-1217.	1.8	83
61	Helmets for preventing head, brain, and facial injuries in cyclists. Annals of Emergency Medicine, 2003, 41, 738-740.	0.6	4
62	The relationship between pre-hospital and emergency department Glasgow coma scale scores. Brain Injury, 2003, 17, 553-560.	1.2	46
63	Ethnic and Racial Disparities in Emergency Department Care for Mild Traumatic Brain Injury. Academic Emergency Medicine, 2003, 10, 1209-1217.	1.8	64
64	Corticosteroids for traumatic brain injury. Annals of Emergency Medicine, 2002, 40, 515-517.	0.6	7
65	Predicting Postconcussion Syndrome after Minor Traumatic Brain Injury. Academic Emergency Medicine, 2001, 8, 788-795.	1.8	107
66	Epidemiology and predictors of post-concussive syndrome after minor head injury in an emergency population. Brain Injury, 1999, 13, 173-189.	1.2	330
67	Do Admitted Patients Held in the Emergency Department Impact the Throughput of Treatâ€andâ€release Patients?. Academic Emergency Medicine, 1996, 3, 1113-1118.	1.8	58
68	ErbB Signaling Pathway Genes Are Differentially Expressed in Monozygotic Twins Discordant for Sports-Related Concussion. Twin Research and Human Genetics, 0, , 1-8.	0.6	0