

Joshua B Brown

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,598
citations

136950

32
h-index

144013

57
g-index

81
all docs

81
docs citations

81
times ranked

2732
citing authors

#	ARTICLE	IF	CITATIONS
1	Prehospital Plasma during Air Medical Transport in Trauma Patients at Risk for Hemorrhagic Shock. <i>New England Journal of Medicine</i> , 2018, 379, 315-326.	27.0	573
2	Association of Prehospital Plasma Transfusion With Survival in Trauma Patients With Hemorrhagic Shock When Transport Times Are Longer Than 20 Minutes. <i>JAMA Surgery</i> , 2020, 155, e195085.	4.3	169
3	Pre-Trauma Center Red Blood Cell Transfusion Is Associated with Improved Early Outcomes in Air Medical Trauma Patients. <i>Journal of the American College of Surgeons</i> , 2015, 220, 797-808.	0.5	145
4	Tranexamic acid administration is associated with an increased risk of posttraumatic venous thromboembolism. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 20-27.	2.1	140
5	Prehospital Blood Product and Crystalloid Resuscitation in the Severely Injured Patient. <i>Annals of Surgery</i> , 2021, 273, 358-364.	4.2	119
6	Helicopters and the Civilian Trauma System: National Utilization Patterns Demonstrate Improved Outcomes After Traumatic Injury. <i>Journal of Trauma</i> , 2010, 69, 1030-1036.	2.3	118
7	Not all prehospital time is equal. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 93-100.	2.1	114
8	Systolic blood pressure criteria in the National Trauma Triage Protocol for geriatric trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 352-359.	2.1	108
9	The value of the injury severity score in pediatric trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 995-1001.	2.1	100
10	Debunking the survival bias myth. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 358-364.	2.1	89
11	IL33-mediated ILC2 activation and neutrophil IL5 production in the lung response after severe trauma: A reverse translation study from a human cohort to a mouse trauma model. <i>PLoS Medicine</i> , 2017, 14, e1002365.	8.4	88
12	Pretrauma Center Red Blood Cell Transfusion Is Associated With Reduced Mortality and Coagulopathy in Severely Injured Patients With Blunt Trauma. <i>Annals of Surgery</i> , 2015, 261, 997-1005.	4.2	78
13	Helicopter transport improves survival following injury in the absence of a time-saving advantage. <i>Surgery</i> , 2016, 159, 947-959.	1.9	74
14	The confusion continues: results from an American Association for the Surgery of Trauma survey on massive transfusion practices among United States trauma centers. <i>Transfusion</i> , 2016, 56, 2478-2486.	1.6	67
15	Design of the Study of Tranexamic Acid during Air Medical Prehospital Transport (STAAMP) Trial: Addressing the Knowledge Gaps. <i>Prehospital Emergency Care</i> , 2015, 19, 79-86.	1.8	59
16	The swinging pendulum. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 590-595.	2.1	57
17	National guideline for the field triage of injured patients: Recommendations of the National Expert Panel on Field Triage, 2021. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 93, e49-e60.	2.1	54
18	Tranexamic Acid During Prehospital Transport in Patients at Risk for Hemorrhage After Injury. <i>JAMA Surgery</i> , 2020, , .	4.3	53

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19	Helicopters Improve Survival in Seriously Injured Patients Requiring Interfacility Transfer for Definitive Care. <i>Journal of Trauma</i> , 2011, 70, 310-314.	2.3	52
20	Prehospital plasma is associated with distinct biomarker expression following injury. <i>JCI Insight</i> , 2020, 5, .	5.0	52
21	Taking the Blood Bank to the Field: The Design and Rationale of the Prehospital Air Medical Plasma (PAMPer) Trial. <i>Prehospital Emergency Care</i> , 2015, 19, 343-350.	1.8	50
22	Association of Prehospital Plasma With Survival in Patients With Traumatic Brain Injury. <i>JAMA Network Open</i> , 2020, 3, e2016869.	5.9	50
23	Mechanism of Injury and Special Consideration Criteria Still Matter: An Evaluation of the National Trauma Triage Protocol. <i>Journal of Trauma</i> , 2011, 70, 38-45.	2.3	49
24	Geographic distribution of trauma centers and injury-related mortality in the United States. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 80, 42-50.	2.1	49
25	Goal-directed resuscitation in the prehospital setting. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 1207-1214.	2.1	48
26	Speed is not everything: Identifying patients who may benefit from helicopter transport despite faster ground transport. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 549-557.	2.1	48
27	Helicopters and injured kids. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 80, 702-710.	2.1	41
28	Distance matters. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 111-118.	2.1	41
29	Does the need for noncardiac surgery during ventricular assist device therapy impact clinical outcome?. <i>Surgery</i> , 2009, 146, 627-634.	1.9	40
30	Development and Validation of the Air Medical Prehospital Triage Score for Helicopter Transport of Trauma Patients. <i>Annals of Surgery</i> , 2016, 264, 378-385.	4.2	40
31	Geographical disparity and traumatic brain injury in America: Rural areas suffer poorer outcomes. <i>Journal of Neurosciences in Rural Practice</i> , 2019, 10, 10-15.	0.8	40
32	Prehospital plasma in injured patients is associated with survival principally in blunt injury: Results from two randomized prehospital plasma trials. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 33-41.	2.1	40
33	Effects of Gender Bias and Stereotypes in Surgical Training. <i>JAMA Surgery</i> , 2020, 155, 552.	4.3	38
34	Prehospital lactate improves accuracy of prehospital criteria for designating trauma activation level. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 445-452.	2.1	34
35	American College of Surgeons trauma center verification versus state designation. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 44-49.	2.1	33
36	Impact of Volume Change Over Time on Trauma Mortality in the United States. <i>Annals of Surgery</i> , 2017, 266, 173-178.	4.2	33

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37	The National Trauma Triage Protocol. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 319-325.	2.1	32
38	Logistics of air medical transport: When and where does helicopter transport reduce prehospital time for trauma?. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 174-181.	2.1	32
39	Characterization of acute coagulopathy and sexual dimorphism after injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 1395-1400.	2.1	31
40	Evidence-based improvement of the National Trauma Triage Protocol. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 95-102.	2.1	31
41	Prehospital low titer group O whole blood is feasible and safe: Results of a prospective randomized pilot trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 839-847.	2.1	30
42	Prehospital Spinal Immobilization Does Not Appear to Be Beneficial and May Complicate Care Following Gunshot Injury to the Torso. <i>Journal of Trauma</i> , 2009, 67, 774-778.	2.3	28
43	External validation of the Air Medical Prehospital Triage score for identifying trauma patients likely to benefit from scene helicopter transport. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 270-279.	2.1	28
44	Identifying patients with time-sensitive injuries: Association of mortality with increasing prehospital time. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 1015-1022.	2.1	27
45	Trauma Center Designation Correlates With Functional Independence After Severe But Not Moderate Traumatic Brain Injury. <i>Journal of Trauma</i> , 2010, 69, 263-269.	2.3	26
46	Early Prehospital Tranexamic Acid Following Injury Is Associated With a 30-day Survival Benefit. <i>Annals of Surgery</i> , 2021, 274, 419-426.	4.2	25
47	Factors Associated With Nontransfer in Trauma Patients Meeting American College of Surgeons™ Criteria for Transfer at Nontertiary Centers. <i>JAMA Surgery</i> , 2017, 152, 369.	4.3	23
48	The early evolving sex hormone environment is associated with significant outcome and inflammatory response differences after injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 451-458.	2.1	22
49	Geographic Variation in Outcome Benefits of Helicopter Transport for Trauma in the United States. <i>Annals of Surgery</i> , 2016, 263, 406-412.	4.2	21
50	Prehospital Use of Nonsteroidal Anti-inflammatory Drugs (NSAIDs) Is Associated With a Reduced Incidence of Trauma-Induced Coagulopathy. <i>Annals of Surgery</i> , 2014, 260, 378-382.	4.2	19
51	Comparing the Air Medical Prehospital Triage Score With Current Practice for Triage of Injured Patients to Helicopter Emergency Medical Services. <i>JAMA Surgery</i> , 2018, 153, 261.	4.3	18
52	The aging road warrior: national trend toward older riders impacts outcome after motorcycle injury. <i>American Surgeon</i> , 2010, 76, 279-86.	0.8	17
53	Prehospital Assessment of Trauma. <i>Surgical Clinics of North America</i> , 2017, 97, 961-983.	1.5	16
54	Blunt cerebrovascular injury in elderly fall patients: are we screening enough?. <i>World Journal of Emergency Surgery</i> , 2018, 13, 30.	5.0	15

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55	Severity of hemorrhage and the survival benefit associated with plasma: Results from a randomized prehospital plasma trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 141-147.	2.1	15
56	Under-Triage and Over-Triage Using the Field Triage Guidelines for Injured Patients: A Systematic Review. <i>Prehospital Emergency Care</i> , 2023, 27, 38-45.	1.8	15
57	Factors associated with potentially avoidable interhospital transfers in emergency general surgery—A call for quality improvement efforts. <i>Surgery</i> , 2021, 170, 1298-1307.	1.9	13
58	Implementation of a prehospital air medical thawed plasma program: Is it even feasible?. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 1077-1081.	2.1	12
59	Lactate as a mediator of prehospital plasma mortality reduction in hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, 186-191.	2.1	10
60	Characterization of unexpected survivors following a prehospital plasma randomized trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 908-914.	2.1	9
61	Characterizing injury severity in nonaccidental trauma: Does Injury Severity Score miss the mark?. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 668-673.	2.1	8
62	Defining geographic emergency medical services coverage in trauma systems. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 92-99.	2.1	8
63	Massive transfusion and the response to prehospital plasma: It is all in how you define it. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 43-50.	2.1	8
64	Dose-dependent association between blood transfusion and nosocomial infections in trauma patients: A secondary analysis of patients from the PAMPer trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, 272-278.	2.1	8
65	Impact of Coronavirus Disease 2019 Shutdown on Neurotrauma Volume in Pennsylvania. <i>World Neurosurgery</i> , 2021, 151, e178-e184.	1.3	7
66	Socioeconomic Barriers to CRS HIPEC for Appendiceal Cancer within a Regional Academic Hospital System. <i>Annals of Surgical Oncology</i> , 2022, 29, 6593-6602.	1.5	7
67	Does helicopter transport impact outcome following trauma?. <i>Trauma</i> , 2013, 15, 279-288.	0.5	5
68	The Whole is Greater Than the Sum of its Parts: GCS Versus GCS-Motor for Triage in Geriatric Trauma. <i>Journal of Surgical Research</i> , 2021, 261, 385-393.	1.6	5
69	Evaluating the Cost-effectiveness of Prehospital Plasma Transfusion in Unstable Trauma Patients. <i>JAMA Surgery</i> , 2021, 156, 1131.	4.3	5
70	Prehospital synergy: Tranexamic acid and blood transfusion in patients at risk for hemorrhage. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 93, 52-58.	2.1	5
71	Mechanism of Injury and Special Considerations as Predictive of Serious Injury: A Systematic Review. <i>Academic Emergency Medicine</i> , 2022, , .	1.8	5
72	RE. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 345-346.	2.1	4

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73	Age of thawed plasma does not affect clinical outcomes or biomarker expression in patients receiving prehospital thawed plasma: a PAMPer secondary analysis. <i>Trauma Surgery and Acute Care Open</i> , 2021, 6, e000648.	1.6	4
74	Geospatial assessment of helicopter emergency medical service overtriage. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, 178-185.	2.1	4
75	Making the call in the field: Validating emergency medical services identification of anatomic trauma triage criteria. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 967-972.	2.1	4
76	Patient and surrogate attitudes via an interviewer-administered survey on exception from informed consent enrollment in the Prehospital Air Medical Plasma (PAMPer) trial. <i>BMC Emergency Medicine</i> , 2020, 20, 76.	1.9	3
77	Prehospital Tranexamic Acid Administration in Injured Patients—Reply. <i>JAMA Surgery</i> , 2021, 156, 688.	4.3	3
78	Prehospital plasma is associated with survival principally in patients transferred from the scene of injury: A secondary analysis of the PAMPer trial. <i>Surgery</i> , 2022, 172, 1278-1284.	1.9	3
79	Prehospital Lactate is Associated with the Need for Blood in Trauma. <i>Prehospital Emergency Care</i> , 2022, 26, 590-599.	1.8	2
80	Prehospital Resuscitation. , 2021, , 495-512.		1
81	Accuracy of Risk Estimation for Surgeons Versus Risk Calculators in Emergency General Surgery. <i>Journal of Surgical Research</i> , 2022, 278, 57-63.	1.6	1