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List of Publications by Year in descending order

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71
papers

5,434
citations

185998

28
h-index

88477

70
g-index

72
all docs

72
docs citations

72
times ranked

5461
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfusion of Plasma, Platelets, and Red Blood Cells in a 1:1:1 vs a 1:1:2 Ratio and Mortality in Patients With Severe Trauma. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 471.	3.8	1,874
2	CECAL LIGATION AND PUNCTURE. <i>Shock</i> , 2005, 24, 52-57.	1.0	588
3	Hypoxia, red blood cells, and nitrite regulate NO-dependent hypoxic vasodilation. <i>Blood</i> , 2006, 107, 566-574.	0.6	444
4	The Relationship of Blood Product Ratio to Mortality: Survival Benefit or Survival Bias?. <i>Journal of Trauma</i> , 2009, 66, 358-364.	2.3	312
5	Age of Transfused Blood: An Independent Predictor of Mortality Despite Universal Leukoreduction. <i>Journal of Trauma</i> , 2008, 65, 279-284.	2.3	170
6	GENDER DIFFERENCES IN ACUTE RESPONSE TO TRAUMA-HEMORRHAGE. <i>Shock</i> , 2005, 24, 101-106.	1.0	134
7	Transfusions in the Less Severely Injured: Does Age of Transfused Blood Affect Outcomes?. <i>Journal of Trauma</i> , 2008, 65, 794-798.	2.3	125
8	Sex Differences in Mortality After Burn Injury: Results of Analysis of the National Burn Repository of the American Burn Association. <i>Journal of Burn Care and Research</i> , 2006, 27, 452-456.	0.2	120
9	Pragmatic Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial: Design, rationale and implementation. <i>Injury</i> , 2014, 45, 1287-1295.	0.7	118
10	Duration of Red Cell Storage Influences Mortality After Trauma. <i>Journal of Trauma</i> , 2010, 69, 1427-1432.	2.3	111
11	Early Coagulopathy Is an Independent Predictor of Mortality in Children After Severe Trauma. <i>Shock</i> , 2013, 39, 421-426.	1.0	111
12	Stress-Induced Hyperglycemia, Not Diabetic Hyperglycemia, Is Associated With Higher Mortality in Trauma. <i>Annals of Surgery</i> , 2012, 256, 446-452.	2.1	105
13	Coagulopathy After Severe Pediatric Trauma. <i>Shock</i> , 2014, 41, 476-490.	1.0	100
14	Early initiation of extracorporeal membrane oxygenation improves survival in adult trauma patients with severe adult respiratory distress syndrome. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 236-243.	1.1	79
15	Erythrocyte storage increases rates of NO and nitrite scavenging: implications for transfusion-related toxicity. <i>Biochemical Journal</i> , 2012, 446, 499-508.	1.7	59
16	Absorbance and redox based approaches for measuring free heme and free hemoglobin in biological matrices. <i>Redox Biology</i> , 2016, 9, 167-177.	3.9	55
17	Acute brain trauma, lung injury, and pneumonia: more than just altered mental status and decreased airway protection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1-L15.	1.3	53
18	Role of heme in lung bacterial infection after trauma hemorrhage and stored red blood cell transfusion: A preclinical experimental study. <i>PLoS Medicine</i> , 2018, 15, e1002522.	3.9	51

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19	Low-Volume Resuscitation with a Polymerized Bovine Hemoglobin-Based Oxygen-Carrying Solution (HBOC-201) Provides Adequate Tissue Oxygenation for Survival in a Porcine Model of Controlled Hemorrhage. <i>Journal of Trauma</i> , 2003, 55, 873-885.	2.3	46
20	Agreement Between Prehospital and Emergency Department Glasgow Coma Scores. <i>Journal of Trauma</i> , 2007, 63, 1026-1031.	2.3	46
21	Red blood cell washing, nitrite therapy, and antiheme therapies prevent stored red blood cell toxicity after trauma-associated hemorrhage. <i>Free Radical Biology and Medicine</i> , 2015, 85, 207-218.	1.3	42
22	A Comparison of the Hemoglobin-Based Oxygen Carrier HBOC-201 to Other Low-Volume Resuscitation Fluids in a Model of Controlled Hemorrhagic Shock. <i>Journal of Trauma</i> , 2003, 55, 747-754.	2.3	40
23	Resuscitation with a blood substitute causes vasoconstriction without nitric oxide scavenging in a model of arterial hemorrhage. <i>Journal of the American College of Surgeons</i> , 2004, 199, 693-701.	0.2	40
24	Microvascular Response to Red Blood Cell Transfusion in Trauma Patients. <i>Shock</i> , 2012, 37, 276-281.	1.0	38
25	Older Blood Is Associated With Increased Mortality and Adverse Events in Massively Transfused Trauma Patients: Secondary Analysis of the PROPPR Trial. <i>Annals of Emergency Medicine</i> , 2019, 73, 650-661.	0.3	38
26	The deleterious effect of red blood cell storage on microvascular response to transfusion. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 807-812.	1.1	34
27	Histone-Complexed DNA Fragments Levels are Associated with Coagulopathy, Endothelial Cell Damage, and Increased Mortality after Severe Pediatric Trauma. <i>Shock</i> , 2018, 49, 44-52.	1.0	32
28	The Evolution of Blood Transfusion in the Trauma Patient: Whole Blood Has Come Full Circle. <i>Seminars in Thrombosis and Hemostasis</i> , 2020, 46, 215-220.	1.5	30
29	Sodium nitrite therapy attenuates the hypertensive effects of HBOC-201 via nitrite reduction ¹ . <i>Biochemical Journal</i> , 2009, 422, 423-432.	1.7	28
30	Progesterone in traumatic brain injury: time to move on to phase III trials. <i>Critical Care</i> , 2008, 12, 153.	2.5	27
31	Validity of the Braden Scale in grading pressure ulcers in trauma and burn patients. <i>Journal of Surgical Research</i> , 2017, 219, 151-157.	0.8	27
32	Live tissue versus simulation training for emergency procedures: Is simulation ready to replace live tissue?. <i>Surgery</i> , 2016, 160, 997-1007.	1.0	26
33	Sarcopenia Measured Using Masseter Area Predicts Early Mortality following Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2400-2406.	1.7	21
34	Impact of initial temporary abdominal closure in damage control surgery: a retrospective analysis. <i>World Journal of Emergency Surgery</i> , 2018, 13, 43.	2.1	21
35	Variation in the Type, Rate, and Selection of Patients for Out-of-hospital Airway Procedures Among Injured Children and Adults. <i>Academic Emergency Medicine</i> , 2009, 16, 1269-1276.	0.8	19
36	Early prediction of outcome after severe traumatic brain injury: a simple and practical model. <i>BMC Emergency Medicine</i> , 2016, 16, 32.	0.7	19

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37	Plasma Angiotensin-converting Enzyme-2/-1 Ratio is Elevated and Angiotensin-converting Enzyme-2 Levels Correlate With Plasma Syndecan-1 Following Pediatric Trauma. <i>Shock</i> , 2019, 52, 340-346.	1.0	19
38	RESUSCITATION FROM HEMORRHAGIC SHOCK WITH HBOC-201 IN THE SETTING OF TRAUMATIC BRAIN INJURY. <i>Shock</i> , 2007, 27, 652-656.	1.0	16
39	The Polymerized Bovine Hemoglobin-Based Oxygen-Carrying Solution (HBOC-201) Is Not Toxic to Neural Cells in Culture. <i>Journal of Trauma</i> , 2002, 53, 1068-1072.	2.3	15
40	Early Trauma-Induced Coagulopathy is Associated with Increased Ventilator-Associated Pneumonia in Spinal Cord Injury Patients. <i>Shock</i> , 2016, 45, 502-505.	1.0	14
41	The Effect of the Bovine Hemoglobin Oxygen Therapeutic HBOC-201 on Human Neutrophil Activation In Vitro. <i>Journal of Trauma</i> , 2003, 55, 755-761.	2.3	13
42	Burn Surgeon and Palliative Care Physician Attitudes Regarding Goals of Care Delineation for Burned Geriatric Patients. <i>Journal of Burn Care and Research</i> , 2018, 39, 1000-1005.	0.2	13
43	The Depth of Sternal Fracture Displacement Is Not Associated With Blunt Cardiac Injury. <i>Journal of Surgical Research</i> , 2019, 235, 322-328.	0.8	13
44	Prehospital Emergency Trauma Care and Management. <i>Surgical Clinics of North America</i> , 2012, 92, 823-841.	0.5	12
45	Evaluation of "Stop the Bleed" training among K12 faculty and staff in Alabama. <i>Public Health Nursing</i> , 2019, 36, 660-666.	0.7	10
46	Plasma Transfusion Products and Contamination with Cellular and Associated Pro-Inflammatory Debris. <i>Journal of the American College of Surgeons</i> , 2019, 229, 252-258.	0.2	10
47	National estimates of the use and outcomes of extracorporeal membrane oxygenation after acute trauma. <i>Trauma Surgery and Acute Care Open</i> , 2019, 4, e000209.	0.8	10
48	Decomposition analysis of the effects of vehicle safety technologies on the motor vehicle collision-related mortality rate from 1994 to 2015. <i>Traffic Injury Prevention</i> , 2018, 19, S169-S172.	0.6	9
49	Trauma Surgeon and Palliative Care Physician Attitudes Regarding Goals-of-Care Delineation for Injured Geriatric Patients. <i>American Journal of Hospice and Palliative Medicine</i> , 2019, 36, 669-674.	0.8	9
50	Case report: serial percutaneous cholangioscopy with laser ablation for the management of locally recurrent biliary intraductal papillary mucinous tumor. <i>Journal of Gastrointestinal Surgery</i> , 2005, 9, 215-218.	0.9	8
51	Diagnosis of diaphragm injuries using modern 256-slice CT scanners: too early to abandon operative exploration. <i>Trauma Surgery and Acute Care Open</i> , 2018, 3, e000251.	0.8	8
52	Perceptions of Simulator- and Live Tissue-Based Combat Casualty Care Training of Senior Special Operations Medics. <i>Military Medicine</i> , 2018, 183, 78-85.	0.4	8
53	Complications Associated With Placement of Chest Tubes: A Trauma System Perspective. <i>Journal of Surgical Research</i> , 2019, 239, 98-102.	0.8	8
54	Impact of Glycemic Control on Risk of Mortality and Complications in Trauma Patients. <i>Shock</i> , 2020, 54, 30-34.	1.0	6

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55	A decompositional analysis of firearm-related mortality in the United States, 2001â€“2012. Preventive Medicine, 2018, 106, 194-199.	1.6	5
56	Population Coverage of Trauma Systems: What Do Helicopters Add?. American Surgeon, 2019, 85, 1073-1078.	0.4	5
57	Temporal Dysregulation of the Angiotensin-2/1 Ratio After Trauma and Associations With Injury Characteristics and Outcomes. Shock, 2020, 54, 703-709.	1.0	5
58	A core outcome set for damage control laparotomy via modified Delphi method. Trauma Surgery and Acute Care Open, 2022, 7, e000821.	0.8	5
59	The hemoglobin-nitric oxide axis: implications for transfusion therapeutics. Transfusion Alternatives in Transfusion Medicine, 2007, 9, 273-280.	0.2	4
60	Effect of elective inguinal hernia repair on urinary symptom burden in men. American Journal of Surgery, 2014, 208, 180-186.	0.9	4
61	Blood Substitutes: Hemoglobin-Based Oxygen Carriers. Oral and Maxillofacial Surgery Clinics of North America, 2005, 17, 261-266.	0.4	3
62	Use of extracorporeal membranous oxygenation in the management of refractory trauma-related severe acute respiratory distress syndrome: a national survey of the Eastern Association for the Surgery of Trauma. Trauma Surgery and Acute Care Open, 2019, 4, e000341.	0.8	3
63	Aeromedical retrieval of trauma patients: Impact of flight path model on estimates of population coverage. American Journal of Surgery, 2020, 220, 765-772.	0.9	3
64	Perception of risk in massive transfusion as it relates to fetal outcomes: A survey of surgeons and nurses at one American trauma center. Transfusion, 2021, 61, S159-S166.	0.8	3
65	Response to: Comment on: Live tissue versus simulation training for emergency procedures: Is simulation ready to replace live tissue?. Surgery, 2017, 161, 1464-1465.	1.0	2
66	A new definition for massive transfusion in the modern era of whole blood resuscitation. Transfusion, 2021, 61, S252-S263.	0.8	2
67	Nationwide estimates of the need for prehospital blood products after injury. Transfusion, 2022, 62, .	0.8	2
68	PROLONGED LOW VOLUME RESUSCITATION WITH HBOC-201 IN A LARGE ANIMAL SURVIVAL MODEL OF CONTROLLED HEMORRHAGE. Journal of Trauma, 2004, 57, 448.	2.3	1
69	Stop the Bleed: gap analysis and geographical evaluation of incident locations. Trauma Surgery and Acute Care Open, 2020, 5, e000384.	0.8	1
70	Use of continuous intercostal nerve blockade is associated with improved outcomes in patients with multiple rib fractures. Trauma Surgery and Acute Care Open, 2021, 6, e000600.	0.8	1
71	Gastric Cancer. Current Treatment Options in Gastroenterology, 1999, 2, 163-170.	0.3	0