Charles E Wade

List of Publications by Year
in descending order

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83	8,671	147801	58581
papers	citations	31 h-index	82 g-index

84	84	84	4981
all docs	docs citations	times ranked	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. JAMA - Journal of the American Medical Association, 2015, 313, 471.	7.4	1,874
2	Death on the battlefield (2001â€“2011). Journal of Trauma and Acute Care Surgery, 2012, 73, S431-S437.	2.1	1,324
3	The Ratio of Blood Products Transfused Affects Mortality in Patients Receiving Massive Transfusions at a Combat Support Hospital. Journal of Trauma, 2007, 63, 805-813.	2.3	1,186
4	Increased Plasma and Platelet to Red Blood Cell Ratios Improves Outcome in 466 Massively Transfused Civilian Trauma Patients. Annals of Surgery, 2008, 248, 447-458.	4.2	970
5	Injury Severity and Causes of Death From Operation Iraqi Freedom and Operation Enduring Freedom: 2003â€“2004 Versus 2006. Journal of Trauma, 2008, 64, S21-S27.	2.3	423
6	Advances in the understanding of trauma-induced coagulopathy. Blood, 2016, 128, 1043-1049.	1.4	232
7	Trends in 1029 trauma deaths at a level 1 trauma center: Impact of a bleeding control bundle of care. Injury, 2017, 48, 5-12.	1.7	211
8	Endothelial glycocalyx shedding and vascular permeability in severely injured trauma patients. Journal of Translational Medicine, 2015, 13, 117.	4.4	207
9	A Randomized Controlled Pilot Trial of Modified Whole Blood versus Component Therapy in Severely Injured Patients Requiring Large Volume Transfusions. Annals of Surgery, 2013, 258, 527-533.	4.2	202
10	Increased Platelet:RBC Ratios Are Associated With Improved Survival After Massive Transfusion. Journal of Trauma, 2011, 71, S318-S328.	2.3	154
11	Syndecan-1: A Quantitative Marker for the Endotheliopathy of Trauma. Journal of the American College of Surgeons, 2017, 225, 419-427.	0.5	121
12	Pragmatic Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial: Design, rationale and implementation. Injury, 2014, 45, 1287-1295.	1.7	118
13	Clinical gestalt and the prediction of massive transfusion after trauma. Injury, 2015, 46, 807-813.	1.7	90
14	Predicting progressive hemorrhagic injury from isolated traumatic brain injury and coagulation. Surgery, 2015, 158, 655-661.	1.9	79
15	The PRospective Observational Multicenter Major Trauma Transfusion (PROMMTT) study. Journal of Trauma and Acute Care Surgery, 2013, 75, S1-S2.	2.1	77
16	Platelet-derived- Extracellular Vesicles Promote Hemostasis and Prevent the Development of Hemorrhagic Shock. Scientific Reports, 2019, 9, 17676.	3.3	70
17	Measuring thrombin generation as a tool for predicting hemostatic potential and transfusion requirements following trauma. Journal of Trauma and Acute Care Surgery, 2014, 77, 839-845.	2.1	66
18	Cellular microparticle and thrombogram phenotypes in the Prospective Observational Multicenter Major Trauma Transfusion (PROMMTT) Study: Correlation with coagulopathy. Thrombosis Research, 2014, 134, 652-658.	1.7	65

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19	Traumatic brain injury is associated with increased syndecan-1 shedding in severely injured patients. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2018, 26, 102.	2.6	49
20	Elevated Syndecan-1 after Trauma and Risk of Sepsis: A Secondary Analysis of Patients from the Pragmatic, Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial. Journal of the American College of Surgeons, 2018, 227, 587-595.	0.5	47
21	Post-translational oxidative modification of fibrinogen is associated with coagulopathy after traumatic injury. Free Radical Biology and Medicine, 2016, 96, 181-189.	2.9	45
22	Management of blunt cerebrovascular injury (BCVI) in the multisystem injury patient with contraindications to immediate anti-thrombotic therapy. Injury, 2018, 49, 67-74.	1.7	43
23	Plasma Resuscitation Promotes Coagulation Homeostasis Following Shock-Induced Hypercoagulability. Shock, 2016, 45, 166-173.	2.1	39
24	Early plasma transfusion is associated with improved survival after isolated traumatic brain injury in patients with multifocal intracranial hemorrhage. Surgery, 2017, 161, 538-545.	1.9	39
25	Older Blood Is Associated With Increased Mortality and Adverse Events in Massively Transfused Trauma Patients: Secondary Analysis of the PROPPR Trial. Annals of Emergency Medicine, 2019, 73, 650-661.	0.6	38
26	Coagulopathy as a predictor of mortality after penetrating traumatic brain injury. American Journal of Emergency Medicine, 2018, 36, 38-42.	1.6	37
27	Use of Recombinant Factor VIIa in US Military Casualties for a Five-Year Period. Journal of Trauma, 2010, 69, 353-359.	2.3	35
28	Microvesicle phenotypes are associated with transfusion requirements and mortality in subjects with severe injuries. Journal of Extracellular Vesicles, 2015, 4, 29338.	12.2	34
29	Transfusion for Shock in US Military War Casualties With and Without Tourniquet Use. Annals of Emergency Medicine, 2015, 65, 290-296.	0.6	33
30	Pre-hospital transfusion of plasma in hemorrhaging trauma patients independently improves hemostatic competence and acidosis. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2016, 24, 145.	2.6	33
31	Adiponectin in Fresh Frozen Plasma Contributes to Restoration of Vascular Barrier Function After Hemorrhagic Shock. Shock, 2016, 45, 50-54.	2.1	32
32	Impact of blood products on platelet function in patients with traumatic injuries: a translational study. Journal of Surgical Research, 2017, 214, 154-161.	1.6	31
33	Plasma Resuscitation Improved Survival in a Cecal Ligation and Puncture Rat Model of Sepsis. Shock, 2018, 49, 53-61.	2.1	31
34	Onset of Coagulation Function Recovery Is Delayed in Severely Injured Trauma Patients with Venous Thromboembolism. Journal of the American College of Surgeons, 2017, 225, 42-51.	0.5	30
35	Positive Fluid Balance and Association with Post-Traumatic Acute Kidney Injury. Journal of the American College of Surgeons, 2020, 230, 190-199e1.	0.5	30
36	Collider bias in trauma comparative effectiveness research: The stratification blues for systematic reviews. Injury, 2015, 46, 775-780.	1.7	28

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37	Prevalence and Impact of Admission Acute Traumatic Coagulopathy on Treatment Intensity, Resource Use, and Mortality: An Evaluation of 956 Severely Injured Children and Adolescents. Journal of the American College of Surgeons, 2017, 224, 625-632.	0.5	28
38	Multi-Modal Analgesic Strategy for Trauma: A Pragmatic Randomized Clinical Trial. Journal of the American College of Surgeons, 2021, 232, 241-251e3.	0.5	28
39	Platelet-Derived Microvesicles: A Potential Therapy for Trauma-Induced Coagulopathy. Shock, 2018, 49, 243-248.	2.1	25
40	Trends in potentially preventable trauma deaths between 2005-2006 and 2012â€“2013. American Journal of Surgery, 2019, 218, 501-506.	1.8	24
41	Beyond Blood Culture and Gram Stain Analysis: A Review of Molecular Techniques for the Early Detection of Bacteremia in Surgical Patients. Surgical Infections, 2016, 17, 294-302.	1.4	23
42	Metabolic Systems Analysis of Shock-Induced Endotheliopathy (SHINE) in Trauma. Annals of Surgery, 2020, 272, 1140-1148.	4.2	23
43	Effects of exercise on soleus in severe burn and muscle disuse atrophy. Journal of Surgical Research, 2015, 198, 19-26.	1.6	20
44	Endothelial glycocalyx shedding in patients with burns. Burns, 2020, 46, 386-393.	1.9	20
45	Acute Inflammation in Traumatic Brain Injury and Polytrauma Patients Using Network Analysis. Shock, 2020, 53, 24-34.	2.1	20
46	The Incidence of Transfusion-Related Acute Lung Injury at a Large, Urban Tertiary Medical Center: A Decadeâ€™s Experience. Anesthesia and Analgesia, 2018, 127, 444-449.	2.2	19
47	Abnormalities of laboratory coagulation tests versus clinically evident coagulopathic bleeding: results from the prehospital resuscitation on helicopters study (PROHS). Surgery, 2018, 163, 819-826.	1.9	18
48	In vitro efficacy of RiaSTAP after rapid reconstitution. Journal of Surgical Research, 2014, 190, 655-661.	1.6	17
49	Platelet biomechanics, platelet bioenergetics, and applications to clinical practice and translational research. Platelets, 2018, 29, 431-439.	2.3	15
50	Early Identification of the Patient with Endotheliopathy of Trauma by Arrival Serum Albumin. Shock, 2018, 50, 31-37.	2.1	15
51	Sex-based differences in transfusion need after severe injury: Findings of the PROPPR study. Surgery, 2019, 165, 1122-1127.	1.9	15
52	Multi-modal Analgesic Strategies for Trauma (MAST): protocol for a pragmatic randomized trial. Trauma Surgery and Acute Care Open, 2018, 3, e000192.	1.6	14
53	Age-Dependent Association of Occult Hypoperfusion and Outcomes in Trauma. Journal of the American College of Surgeons, 2020, 230, 417-425.	0.5	14
54	Variations Between Level I Trauma Centers in 24-Hour Mortality in Severely Injured Patients Requiring a Massive Transfusion. Journal of Trauma, 2011, 71, S389-S393.	2.3	13

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55	Damage control laparotomy trial: design, rationale and implementation of a randomized controlled trial. Trauma Surgery and Acute Care Open, 2017, 2, e000083.	1.6	13
56	Early versus late venous thromboembolism: A secondary analysis of data from the PROPPR trial. Surgery, 2019, 166, 416-422.	1.9	13
57	Impact of Social Media on Community Consultation in Exception From Informed Consent Clinical Trials. Journal of Surgical Research, 2019, 234, 65-71.	1.6	13
58	Mortality and Ratio of Blood Products Used in Patients With Severe Traumaâ€"Reply. JAMA - Journal of the American Medical Association, 2015, 313, 2078.	7.4	12
59	Upon admission coagulation and platelet function in patients with thermal and electrical injuries. Burns, 2016, 42, 1704-1711.	1.9	11
60	Association of Changes in Antithrombin Activity Over Time With Responsiveness to Enoxaparin Prophylaxis and Risk of Trauma-Related Venous Thromboembolism. JAMA Surgery, 2022, 157, 713.	4.3	11
61	Validation of sepsis screening tool using StO2 in emergency department patients. Journal of Surgical Research, 2014, 190, 270-275.	1.6	10
62	Evaluation of StO2 tissue perfusion monitoring as a tool to predict the need for lifesaving interventions in trauma patients. American Journal of Surgery, 2015, 210, 1070-1075.	1.8	10
63	Absences of Endothelial Microvesicle Changes in the Presence of the Endotheliopathy of Trauma. Shock, 2019, 51, 180-184.	2.1	9
64	Supplementation with antithrombin III ex vivo optimizes enoxaparin responses in critically injured patients. Thrombosis Research, 2020, 187, 131-138.	1.7	9
65	Insulin and exercise improved muscle function in rats with severe burns and hindlimb unloading. Physiological Reports, 2019, 7, e14158.	1.7	8
66	Characterizing red blood cell age exposure in massive transfusion therapy: the scalar age of blood index (SBI). Transfusion, 2019, 59, 2699-2708.	1.6	8
67	Statistical Machines for Trauma Hospital Outcomes Research: Application to the PRospective, Observational, Multi-Center Major Trauma Transfusion (PROMMTT) Study. PLoS ONE, 2015, 10, e0136438.	2.5	7
68	Alternative end points for trauma studies: A survey of academic traumaÂsurgeons. Surgery, 2015, 158, 1291-1296.	1.9	7
69	Can We Identify Futility in Kids? An Evaluation of Admission Parameters Predicting 100% Mortality in 1,292 Severely Injured Children. Journal of the American College of Surgeons, 2018, 226, 662-667.	0.5	6
70	A Novel Platelet Function Assay for Trauma. Journal of Surgical Research, 2020, 246, 605-613.	1.6	6
71	Survival analysis by inflammatory biomarkers in severely injured patients undergoing damage control resuscitation. Surgery, 2022, 171, 818-824.	1.9	6
72	Protocol for a pilot randomized controlled trial comparing plasma with balanced crystalloid resuscitation in surgical and trauma patients with septic shock. Trauma Surgery and Acute Care Open, 2018, 3, e000220.	1.6	5

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73	Damage control laparotomy in trauma: a pilot randomized controlled trial. The DCL trial. Trauma Surgery and Acute Care Open, 2021, 6, e000777.	1.6	5
74	Assessing protocol adherence in a clinical trial with ordered treatment regimens: Quantifying the pragmatic, randomized optimal platelet and plasma ratios (PROPPR) trial experience. Injury, 2016, 47, 2131-2137.	1.7	4
75	VARIATION IN TIME TO NOTIFICATION OF ENROLLMENT AND RATES OF WITHDRAWAL IN RESUSCITATION TRIALS CONDUCTED UNDER EXCEPTION FROM INFORMED CONSENT. Resuscitation, 2021, 168, 160-166.	3.0	4
76	In reply:. Annals of Emergency Medicine, 2015, 66, 340-341.	0.6	3
77	Skeletal muscle wasting after a severe burn is a consequence of cachexia and sarcopenia. Journal of Parenteral and Enteral Nutrition, 2021, 45, 1627-1633.	2.6	3
78	Evaluation of Noninvasive Hemoglobin Measurements in Trauma Patients: A Repeat Study. Journal of Surgical Research, 2021, 266, 213-221.	1.6	3
79	Reply to. Shock, 2017, 47, 781-782.	2.1	2
80	Learning from suicide deaths in Harris County, Texas. Death Studies, 2022, 46, 745-755.	2.7	2
81	Treating the endotheliopathy of <scp>SARSâ€CoV</scp>â€2 infection with plasma: Lessons learned from optimized trauma resuscitation with blood products. Transfusion, 2021, 61, S336-S347.	1.6	2
82	Diurnal pattern in endogenous insulin secretion persists in severely injured patients. FASEB Journal, 2008, 22, 1205.7.	0.5	0
83	Editorial critique. Journal of Trauma and Acute Care Surgery, 2012, 72, 960-1.	2.1	0