

Charles E Wade

List of Publications by Year in descending order

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83
papers

8,671
citations

147566

31
h-index

58464

82
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84
docs citations

84
times ranked

4981
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	Death on the battlefield (2001–2011). <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, S431-S437.	1.1	1,324
3	The Ratio of Blood Products Transfused Affects Mortality in Patients Receiving Massive Transfusions at a Combat Support Hospital. <i>Journal of Trauma</i> , 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. <i>Annals of Surgery</i> , 2008, 248, 447-458.	2.1	970
5	Injury Severity and Causes of Death From Operation Iraqi Freedom and Operation Enduring Freedom: 2003–2004 Versus 2006. <i>Journal of Trauma</i> , 2008, 64, S21-S27.	2.3	423
6	Advances in the understanding of trauma-induced coagulopathy. <i>Blood</i> , 2016, 128, 1043-1049.	0.6	232
7	Trends in 1029 trauma deaths at a level 1 trauma center: Impact of a bleeding control bundle of care. <i>Injury</i> , 2017, 48, 5-12.	0.7	211
8	Endothelial glycocalyx shedding and vascular permeability in severely injured trauma patients. <i>Journal of Translational Medicine</i> , 2015, 13, 117.	1.8	207
9	A Randomized Controlled Pilot Trial of Modified Whole Blood versus Component Therapy in Severely Injured Patients Requiring Large Volume Transfusions. <i>Annals of Surgery</i> , 2013, 258, 527-533.	2.1	202
10	Increased Platelet:RBC Ratios Are Associated With Improved Survival After Massive Transfusion. <i>Journal of Trauma</i> , 2011, 71, S318-S328.	2.3	154
11	Syndecan-1: A Quantitative Marker for the Endotheliopathy of Trauma. <i>Journal of the American College of Surgeons</i> , 2017, 225, 419-427.	0.2	121
12	Pragmatic Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial: Design, rationale and implementation. <i>Injury</i> , 2014, 45, 1287-1295.	0.7	118
13	Clinical gestalt and the prediction of massive transfusion after trauma. <i>Injury</i> , 2015, 46, 807-813.	0.7	90
14	Predicting progressive hemorrhagic injury from isolated traumatic brain injury and coagulation. <i>Surgery</i> , 2015, 158, 655-661.	1.0	79
15	The PRospective Observational Multicenter Major Trauma Transfusion (PROMMTT) study. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, S1-S2.	1.1	77
16	Platelet-derived- Extracellular Vesicles Promote Hemostasis and Prevent the Development of Hemorrhagic Shock. <i>Scientific Reports</i> , 2019, 9, 17676.	1.6	70
17	Measuring thrombin generation as a tool for predicting hemostatic potential and transfusion requirements following trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 839-845.	1.1	66
18	Cellular microparticle and thrombogram phenotypes in the Prospective Observational Multicenter Major Trauma Transfusion (PROMMTT) Study: Correlation with coagulopathy. <i>Thrombosis Research</i> , 2014, 134, 652-658.	0.8	65

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19	Traumatic brain injury is associated with increased syndecan-1 shedding in severely injured patients. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2018, 26, 102.	1.1	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. <i>Journal of the American College of Surgeons</i> , 2018, 227, 587-595.	0.2	47
21	Post-translational oxidative modification of fibrinogen is associated with coagulopathy after traumatic injury. <i>Free Radical Biology and Medicine</i> , 2016, 96, 181-189.	1.3	45
22	Management of blunt cerebrovascular injury (BCVI) in the multisystem injury patient with contraindications to immediate anti-thrombotic therapy. <i>Injury</i> , 2018, 49, 67-74.	0.7	43
23	Plasma Resuscitation Promotes Coagulation Homeostasis Following Shock-Induced Hypercoagulability. <i>Shock</i> , 2016, 45, 166-173.	1.0	39
24	Early plasma transfusion is associated with improved survival after isolated traumatic brain injury in patients with multifocal intracranial hemorrhage. <i>Surgery</i> , 2017, 161, 538-545.	1.0	39
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	Coagulopathy as a predictor of mortality after penetrating traumatic brain injury. <i>American Journal of Emergency Medicine</i> , 2018, 36, 38-42.	0.7	37
27	Use of Recombinant Factor VIIa in US Military Casualties for a Five-Year Period. <i>Journal of Trauma</i> , 2010, 69, 353-359.	2.3	35
28	Microvesicle phenotypes are associated with transfusion requirements and mortality in subjects with severe injuries. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 29338.	5.5	34
29	Transfusion for Shock in US Military War Casualties With and Without Tourniquet Use. <i>Annals of Emergency Medicine</i> , 2015, 65, 290-296.	0.3	33
30	Pre-hospital transfusion of plasma in hemorrhaging trauma patients independently improves hemostatic competence and acidosis. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 145.	1.1	33
31	Adiponectin in Fresh Frozen Plasma Contributes to Restoration of Vascular Barrier Function After Hemorrhagic Shock. <i>Shock</i> , 2016, 45, 50-54.	1.0	32
32	Impact of blood products on platelet function in patients with traumatic injuries: a translational study. <i>Journal of Surgical Research</i> , 2017, 214, 154-161.	0.8	31
33	Plasma Resuscitation Improved Survival in a Cecal Ligation and Puncture Rat Model of Sepsis. <i>Shock</i> , 2018, 49, 53-61.	1.0	31
34	Onset of Coagulation Function Recovery Is Delayed in Severely Injured Trauma Patients with Venous Thromboembolism. <i>Journal of the American College of Surgeons</i> , 2017, 225, 42-51.	0.2	30
35	Positive Fluid Balance and Association with Post-Traumatic Acute Kidney Injury. <i>Journal of the American College of Surgeons</i> , 2020, 230, 190-199e1.	0.2	30
36	Collider bias in trauma comparative effectiveness research: The stratification blues for systematic reviews. <i>Injury</i> , 2015, 46, 775-780.	0.7	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. <i>Journal of the American College of Surgeons</i> , 2017, 224, 625-632.	0.2	28
38	Multi-Modal Analgesic Strategy for Trauma: A Pragmatic Randomized Clinical Trial. <i>Journal of the American College of Surgeons</i> , 2021, 232, 241-251e3.	0.2	28
39	Platelet-Derived Microvesicles: A Potential Therapy for Trauma-Induced Coagulopathy. <i>Shock</i> , 2018, 49, 243-248.	1.0	25
40	Trends in potentially preventable trauma deaths between 2005-2006 and 2012-2013. <i>American Journal of Surgery</i> , 2019, 218, 501-506.	0.9	24
41	Beyond Blood Culture and Gram Stain Analysis: A Review of Molecular Techniques for the Early Detection of Bacteremia in Surgical Patients. <i>Surgical Infections</i> , 2016, 17, 294-302.	0.7	23
42	Metabolic Systems Analysis of Shock-Induced Endotheliopathy (SHINE) in Trauma. <i>Annals of Surgery</i> , 2020, 272, 1140-1148.	2.1	23
43	Effects of exercise on soleus in severe burn and muscle disuse atrophy. <i>Journal of Surgical Research</i> , 2015, 198, 19-26.	0.8	20
44	Endothelial glycocalyx shedding in patients with burns. <i>Burns</i> , 2020, 46, 386-393.	1.1	20
45	Acute Inflammation in Traumatic Brain Injury and Polytrauma Patients Using Network Analysis. <i>Shock</i> , 2020, 53, 24-34.	1.0	20
46	The Incidence of Transfusion-Related Acute Lung Injury at a Large, Urban Tertiary Medical Center: A Decade's Experience. <i>Anesthesia and Analgesia</i> , 2018, 127, 444-449.	1.1	19
47	Abnormalities of laboratory coagulation tests versus clinically evident coagulopathic bleeding: results from the prehospital resuscitation on helicopters study (PROHS). <i>Surgery</i> , 2018, 163, 819-826.	1.0	18
48	In vitro efficacy of RiaSTAP after rapid reconstitution. <i>Journal of Surgical Research</i> , 2014, 190, 655-661.	0.8	17
49	Platelet biomechanics, platelet bioenergetics, and applications to clinical practice and translational research. <i>Platelets</i> , 2018, 29, 431-439.	1.1	15
50	Early Identification of the Patient with Endotheliopathy of Trauma by Arrival Serum Albumin. <i>Shock</i> , 2018, 50, 31-37.	1.0	15
51	Sex-based differences in transfusion need after severe injury: Findings of the PROPPR study. <i>Surgery</i> , 2019, 165, 1122-1127.	1.0	15
52	Multi-modal Analgesic Strategies for Trauma (MAST): protocol for a pragmatic randomized trial. <i>Trauma Surgery and Acute Care Open</i> , 2018, 3, e000192.	0.8	14
53	Age-Dependent Association of Occult Hypoperfusion and Outcomes in Trauma. <i>Journal of the American College of Surgeons</i> , 2020, 230, 417-425.	0.2	14
54	Variations Between Level I Trauma Centers in 24-Hour Mortality in Severely Injured Patients Requiring a Massive Transfusion. <i>Journal of Trauma</i> , 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. <i>Trauma Surgery and Acute Care Open</i> , 2017, 2, e000083.	0.8	13
56	Early versus late venous thromboembolism: A secondary analysis of data from the PROPPR trial. <i>Surgery</i> , 2019, 166, 416-422.	1.0	13
57	Impact of Social Media on Community Consultation in Exception From Informed Consent Clinical Trials. <i>Journal of Surgical Research</i> , 2019, 234, 65-71.	0.8	13
58	Mortality and Ratio of Blood Products Used in Patients With Severe Trauma—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2078.	3.8	12
59	Upon admission coagulation and platelet function in patients with thermal and electrical injuries. <i>Burns</i> , 2016, 42, 1704-1711.	1.1	11
60	Association of Changes in Antithrombin Activity Over Time With Responsiveness to Enoxaparin Prophylaxis and Risk of Trauma-Related Venous Thromboembolism. <i>JAMA Surgery</i> , 2022, 157, 713.	2.2	11
61	Validation of sepsis screening tool using StO ₂ in emergency department patients. <i>Journal of Surgical Research</i> , 2014, 190, 270-275.	0.8	10
62	Evaluation of StO ₂ tissue perfusion monitoring as a tool to predict the need for lifesaving interventions in trauma patients. <i>American Journal of Surgery</i> , 2015, 210, 1070-1075.	0.9	10
63	Absences of Endothelial Microvesicle Changes in the Presence of the Endotheliopathy of Trauma. <i>Shock</i> , 2019, 51, 180-184.	1.0	9
64	Supplementation with antithrombin III ex vivo optimizes enoxaparin responses in critically injured patients. <i>Thrombosis Research</i> , 2020, 187, 131-138.	0.8	9
65	Insulin and exercise improved muscle function in rats with severe burns and hindlimb unloading. <i>Physiological Reports</i> , 2019, 7, e14158.	0.7	8
66	Characterizing red blood cell age exposure in massive transfusion therapy: the scalar age of blood index (SBI). <i>Transfusion</i> , 2019, 59, 2699-2708.	0.8	8
67	Statistical Machines for Trauma Hospital Outcomes Research: Application to the PRospective, Observational, Multi-Center Major Trauma Transfusion (PROMMTT) Study. <i>PLoS ONE</i> , 2015, 10, e0136438.	1.1	7
68	Alternative end points for trauma studies: A survey of academic trauma surgeons. <i>Surgery</i> , 2015, 158, 1291-1296.	1.0	7
69	Can We Identify Futility in Kids? An Evaluation of Admission Parameters Predicting 100% Mortality in 1,292 Severely Injured Children. <i>Journal of the American College of Surgeons</i> , 2018, 226, 662-667.	0.2	6
70	A Novel Platelet Function Assay for Trauma. <i>Journal of Surgical Research</i> , 2020, 246, 605-613.	0.8	6
71	Survival analysis by inflammatory biomarkers in severely injured patients undergoing damage control resuscitation. <i>Surgery</i> , 2022, 171, 818-824.	1.0	6
72	Protocol for a pilot randomized controlled trial comparing plasma with balanced crystalloid resuscitation in surgical and trauma patients with septic shock. <i>Trauma Surgery and Acute Care Open</i> , 2018, 3, e000220.	0.8	5

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73	Damage control laparotomy in trauma: a pilot randomized controlled trial. The DCL trial. <i>Trauma Surgery and Acute Care Open</i> , 2021, 6, e000777.	0.8	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. <i>Injury</i> , 2016, 47, 2131-2137.	0.7	4
75	VARIATION IN TIME TO NOTIFICATION OF ENROLLMENT AND RATES OF WITHDRAWAL IN RESUSCITATION TRIALS CONDUCTED UNDER EXCEPTION FROM INFORMED CONSENT. <i>Resuscitation</i> , 2021, 168, 160-166.	1.3	4
76	In reply:. <i>Annals of Emergency Medicine</i> , 2015, 66, 340-341.	0.3	3
77	Skeletal muscle wasting after a severe burn is a consequence of cachexia and sarcopenia. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, 1627-1633.	1.3	3
78	Evaluation of Noninvasive Hemoglobin Measurements in Trauma Patients: A Repeat Study. <i>Journal of Surgical Research</i> , 2021, 266, 213-221.	0.8	3
79	Reply to. <i>Shock</i> , 2017, 47, 781-782.	1.0	2
80	Learning from suicide deaths in Harris County, Texas. <i>Death Studies</i> , 2022, 46, 745-755.	1.8	2
81	Treating the endotheliopathy of <scp>SARSâ€CoV</scp>â€2 infection with plasma: Lessons learned from optimized trauma resuscitation with blood products. <i>Transfusion</i> , 2021, 61, S336-S347.	0.8	2
82	Diurnal pattern in endogenous insulin secretion persists in severely injured patients. <i>FASEB Journal</i> , 2008, 22, 1205.7.	0.2	0
83	Editorial critique. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 72, 960-1.	1.1	0