## Todd E Rasmussen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	4.9	1,571
2	Death on the battlefield (2001–2011). Journal of Trauma and Acute Care Surgery, 2012, 73, S431-S437.	1.1	1,324
3	Military Application of Tranexamic Acid in Trauma Emergency Resuscitation (MATTERs) Study. Archives of Surgery, 2012, 147, 113.	2.3	644
4	A clinical series of resuscitative endovascular balloon occlusion of the aorta for hemorrhage control and resuscitation. Journal of Trauma and Acute Care Surgery, 2013, 75, 506-511.	1.1	369
5	The Use of Temporary Vascular Shunts as a Damage Control Adjunct in the Management of Wartime Vascular Injury. Journal of Trauma, 2006, 61, 8-15.	2.3	284
6	Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) as an Adjunct for Hemorrhagic Shock. Journal of Trauma, 2011, 71, 1869-1872.	2.3	249
7	A systematic review of the use of resuscitative endovascular balloon occlusion of the aorta in the management of hemorrhagic shock. Journal of Trauma and Acute Care Surgery, 2016, 80, 324-334.	1.1	237
8	Contemporary management of wartime vascular trauma. Journal of Vascular Surgery, 2005, 41, 638-644.	0.6	230
9	Endovascular balloon occlusion of the aorta is superior to resuscitative thoracotomy with aortic clamping in a porcine model of hemorrhagic shock. Surgery, 2011, 150, 400-409.	1.0	218
10	Resuscitative Endovascular Balloon Occlusion of the Aorta and Resuscitative Thoracotomy in Select Patients with Hemorrhagic Shock: Early Results from the American Association for the Surgery of Trauma's Aortic Occlusion in Resuscitation for Trauma and Acute Care Surgery Registry. Journal of the American College of Surgeons, 2018, 226, 730-740.	0.2	191
11	Experience With Wound VAC and Delayed Primary Closure of Contaminated Soft Tissue Injuries in Iraq. Journal of Trauma, 2006, 61, 1207-1211.	2.3	185
12	The Epidemiology of Vascular Injury in the Wars in Iraq and Afghanistan. Annals of Surgery, 2011, 253, 1184-1189.	2.1	184
13	Association of Cryoprecipitate and Tranexamic Acid With Improved Survival Following Wartime Injury. JAMA Surgery, 2013, 148, 218.	2.2	175
14	In-Theater Management of Vascular Injury: 2 Years of the Balad Vascular Registry. Journal of the American College of Surgeons, 2007, 204, 625-632.	0.2	172
15	Noncompressible Torso Hemorrhage. Surgical Clinics of North America, 2012, 92, 843-858.	0.5	160
16	Inflammatory Aortic Aneurysms. Annals of Surgery, 1997, 225, 155-164.	2.1	153
17	Physiologic tolerance of descending thoracic aortic balloon occlusion in a swine model of hemorrhagic shock. Surgery, 2013, 153, 848-856.	1.0	151
18	Effect of temporary shunting on extremity vascular injury: An outcome analysis from the Global War on Terror vascular injury initiative. Journal of Vascular Surgery, 2009, 50, 549-556.	0.6	145

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19	Evidence of nanobacterial-like structures in calcified human arteries and cardiac valves. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1115-H1124.	1.5	142
20	Epidemiology and outcomes of non-compressible torso hemorrhage. Journal of Surgical Research, 2013, 184, 414-421.	0.8	140
21	Endovascular management of axillo-subclavian arterial injury: A review of published experience. Injury, 2012, 43, 1785-1792.	0.7	136
22	The pitfalls of resuscitative endovascular balloon occlusion of the aorta: Risk factors and mitigation strategies. Journal of Trauma and Acute Care Surgery, 2018, 84, 192-202.	1.1	131
23	Aortic balloon occlusion is effective in controlling pelvic hemorrhage. Journal of Surgical Research, 2012, 177, 341-347.	0.8	127
24	En-Route Care Capability From Point of Injury Impacts Mortality After Severe Wartime Injury. Annals of Surgery, 2013, 257, 330-334.	2.1	126
25	Use of Resuscitative Endovascular Balloon Occlusion of the Aorta in a Highly Lethal Model of Noncompressible Torso Hemorrhage. Shock, 2014, 41, 130-137.	1.0	122
26	A novel fluoroscopy-free, resuscitative endovascular aortic balloon occlusion system in a model of hemorrhagic shock. Journal of Trauma and Acute Care Surgery, 2013, 75, 122-128.	1.1	118
27	The American Association for the Surgery of Trauma PROspective Observational Vascular Injury Treatment (PROOVIT) registry. Journal of Trauma and Acute Care Surgery, 2015, 78, 215-223.	1.1	115
28	Early abdominal closure with mesh reduces multiple organ failure after ruptured abdominal aortic aneurysm repair: Guidelines from a 10-year case-control study. Journal of Vascular Surgery, 2002, 35, 246-253.	0.6	111
29	The epidemiology of noncompressible torso hemorrhage in the wars in Iraq and Afghanistan. Journal of Trauma and Acute Care Surgery, 2013, 74, 830-834.	1.1	106
30	Endovascular Skills for Trauma and Resuscitative Surgery (ESTARS) course. Journal of Trauma and Acute Care Surgery, 2014, 76, 929-936.	1.1	100
31	The inflammatory sequelae of aortic balloon occlusion in hemorrhagic shock. Journal of Surgical Research, 2014, 191, 423-431.	0.8	100
32	Penetrating femoropopliteal injury during modern warfare: Experience of the Balad Vascular Registry. Journal of Vascular Surgery, 2008, 47, 1259-1265.	0.6	98
33	Injury pattern and mortality of noncompressible torso hemorrhage in UK combat casualties. Journal of Trauma and Acute Care Surgery, 2013, 75, S263-S268.	1.1	85
34	Resuscitative Endovascular Balloon Occlusion of the Aorta. Shock, 2014, 41, 388-393.	1.0	82
35	Genetic risk factors in inflammatory abdominal aortic aneurysms: Polymorphic residue 70 in the HLA-DR B1 gene as a key genetic element. Journal of Vascular Surgery, 1997, 25, 356-364.	0.6	81
36	The complete management of extremity vascular injury in a local population: A wartime report from the 332nd Expeditionary Medical Group/Air Force Theater Hospital, Balad Air Base, Iraq. Journal of Vascular Surgery, 2007, 45, 1197-1205.	0.6	81

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37	Echelons of Care and the Management of Wartime Vascular Injury: A Report From the 332nd EMDG/Air Force Theater Hospital, Balad Air Base, Iraq. Perspectives in Vascular Surgery and Endovascular Therapy, 2006, 18, 91-99.	0.6	79
38	Prehospital interventions performed in a combat zone. Journal of Trauma and Acute Care Surgery, 2012, 73, S38-S42.	1.1	78
39	The mangled extremity score and amputation. Journal of Trauma and Acute Care Surgery, 2017, 82, 518-523.	1.1	77
40	Prehospital blood transfusion in the en route management of severe combat trauma. Journal of Trauma and Acute Care Surgery, 2014, 77, S114-S120.	1.1	74
41	Upper Extremity Vascular Injury: A Current In-Theater Wartime Report from Operation Iraqi Freedom. Annals of Vascular Surgery, 2006, 20, 429-434.	0.4	73
42	Dismounted Complex Blast Injuries: A Comprehensive Review of the Modern Combat Experience. Journal of the American College of Surgeons, 2016, 223, 652-664e8.	0.2	72
43	Prophylactic use of resuscitative endovascular balloon occlusion of the aorta in women with abnormal placentation: A systematic review, meta-analysis, and case series. Journal of Trauma and Acute Care Surgery, 2018, 84, 809-818.	1.1	72
44	Implications of Combat Casualty Care for Mass Casualty Events. JAMA - Journal of the American Medical Association, 2013, 310, 475.	3.8	67
45	What imaging studies are necessary for abdominal aortic endograft sizing? A prospective blinded study using conventional computed tomography, aortography, and three-dimensional computed tomography. Journal of Vascular Surgery, 2005, 41, 199-205.	0.6	64
46	Resuscitative thoracotomy following wartime injury. Journal of Trauma and Acute Care Surgery, 2013, 74, 825-829.	1.1	61
47	Outcomes of selective tibial artery repair following combat-related extremity injury. Journal of Vascular Surgery, 2010, 52, 91-96.	0.6	57
48	Recent advances in austere combat surgery: Use of aortic balloon occlusion as well as blood challenges by special operations medical forces in recent combat operations. Journal of Trauma and Acute Care Surgery, 2018, 85, S98-S103.	1.1	57
49	The impact of ischemic intervals on neuromuscular recovery in a porcine (Sus scrofa) survival model of extremity vascular injury. Journal of Vascular Surgery, 2011, 53, 165-173.	0.6	56
50	A brief history of the tourniquet. Journal of Vascular Surgery, 2012, 55, 286-290.	0.6	56
51	Emergent non–image-guided resuscitative endovascular balloon occlusion of the aorta (REBOA) catheter placement. Journal of Trauma and Acute Care Surgery, 2016, 81, 453-457.	1.1	55
52	Hemorrhagic shock worsens neuromuscular recovery in a porcine model of hind limb vascular injury and ischemia-reperfusion. Journal of Vascular Surgery, 2011, 53, 1052-1062.	0.6	54
53	Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) for Hemorrhagic Shock. Military Medicine, 2018, 183, 55-59.	0.4	53
54	Temporary Arterial Shunts To Maintain Limb Perfusion after Arterial Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 47, 64-71.	1.1	53

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55	U.S. Military Use of Tourniquets from 2001 to 2010. Prehospital Emergency Care, 2015, 19, 184-190.	1.0	51
56	Extending resuscitative endovascular balloon occlusion of the aorta. Journal of Trauma and Acute Care Surgery, 2016, 81, 294-301.	1.1	49
57	Impact of time to repair on outcomes in patients with lower extremity arterial injuries. Journal of Vascular Surgery, 2019, 69, 1519-1523.	0.6	49
58	Genetic similarity in inflammatory and degenerative abdominal aortic aneurysms: A study of human leukocyte antigen class II disease risk genes. Journal of Vascular Surgery, 2001, 34, 84-89.	0.6	48
59	Current opinion on catheter-based hemorrhage control in trauma patients. Journal of Trauma and Acute Care Surgery, 2014, 76, 888-893.	1.1	48
60	Incremental balloon deflation following complete resuscitative endovascular balloon occlusion of the aorta results in steep inflection of flow and rapid reperfusion in a large animal model of hemorrhagic shock. Journal of Trauma and Acute Care Surgery, 2017, 83, 139-143.	1.1	46
61	A contemporary, 7-year analysis of vascular injury from the war in Afghanistan. Journal of Vascular Surgery, 2018, 68, 1872-1879.	0.6	46
62	Human leukocyte antigen class II immune response genes, female gender, and cigarette smoking as risk and modulating factors in abdominal aortic aneurysms. Journal of Vascular Surgery, 2002, 35, 988-993.	0.6	45
63	State of the Art of Fluid Resuscitation 2010: Prehospital and Immediate Transition to the Hospital. Journal of Trauma, 2011, 70, S2-S10.	2.3	45
64	Combat readiness for the modern military surgeon. Journal of Trauma and Acute Care Surgery, 2012, 73, S64-S70.	1.1	45
65	Use of open and endovascular surgical techniques to manage vascular injuries in the trauma setting: A review of the American Association for the Surgery of Trauma PROspective Observational Vascular Injury Trial registry. Journal of Trauma and Acute Care Surgery, 2018, 84, 411-417.	1.1	45
66	Military-to-civilian translation ofÂbattlefield innovations in operative trauma care. Surgery, 2015, 158, 1686-1695.	1.0	44
67	Wartime Lessons — Shaping a National Trauma Action Plan. New England Journal of Medicine, 2016, 375, 1612-1615.	13.9	43
68	Anatomic distribution and mortality of arterial injury in the wars in Afghanistan and Iraq with comparison to a civilian benchmark. Journal of Vascular Surgery, 2012, 56, 728-736.	0.6	42
69	Wartime vascular injuries in the pediatric population of Iraq and Afghanistan: 2002–2011. Journal of Pediatric Surgery, 2014, 49, 428-432.	0.8	42
70	Development and Implementation of Endovascular Capabilities in Wartime. Journal of Trauma, 2008, 64, 1169-1176.	2.3	40
71	Military medical revolution. Journal of Trauma and Acute Care Surgery, 2012, 73, S378-S387.	1.1	40
72	Resuscitative endovascular balloon occlusion of the aorta for hemorrhage control. Journal of Trauma and Acute Care Surgery, 2015, 79, S236-S242.	1.1	39

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73	Surgical Response to Multiple Casualty Incidents Following Single Explosive Events. Annals of Surgery, 2009, 250, 311-315.	2.1	36
74	Varied presentations of missile emboli in military combat. Journal of Vascular Surgery, 2010, 51, 214-217.	0.6	36
75	Epidemiology of modern battlefield colorectal trauma. Journal of Trauma and Acute Care Surgery, 2012, 73, S503-S508.	1.1	36
76	Functional Outcome after Resuscitative Endovascular Balloon Occlusion of the Aorta of the Proximal and Distal Thoracic Aorta in a Swine Model of Controlled Hemorrhage. Annals of Vascular Surgery, 2015, 29, 114-121.	0.4	36
77	Small changes, big effects. Journal of Trauma and Acute Care Surgery, 2017, 82, 1106-1111.	1.1	36
78	Military trauma system in Afghanistan. Current Opinion in Critical Care, 2013, 19, 1.	1.6	35
79	Patient-based outcomes and quality of life after salvageable wartime extremity vascular injury. Journal of Vascular Surgery, 2014, 59, 173-179.e1.	0.6	35
80	Cellular Therapies in Trauma and Critical Care Medicine. Shock, 2015, 44, 505-523.	1.0	35
81	Laparoscopic Repair of Colonoscopic Perforations of the Colon. Journal of Laparoendoscopic Surgery, 1994, 4, 51-54.	0.6	34
82	History of temporary intravascular shunts in the management of vascular injury. Journal of Vascular Surgery, 2010, 52, 1405-1409.	0.6	34
83	Early Versus Delayed Restoration of Flow With Temporary Vascular Shunt Reduces Circulating Markers of Injury in a Porcine Model. Journal of Trauma, 2009, 67, 259-265.	2.3	33
84	Tourniquets, vascular shunts, and endovascular technologies. Journal of Trauma and Acute Care Surgery, 2012, 73, 282-285.	1.1	33
85	Children Treated at an Expeditionary Military Hospital in Iraq. JAMA Pediatrics, 2006, 160, 972-6.	3.6	32
86	The giving back. Journal of Trauma and Acute Care Surgery, 2016, 80, 166-167.	1.1	30
87	Management and outcome of 597 wartime penetrating lower extremity arterial injuries from an international military cohort. Journal of Vascular Surgery, 2019, 70, 224-232.	0.6	30
88	Renal role of the endogenous natriuretic peptide system in acute congestive heart failure. Journal of Cardiac Failure, 1996, 2, 119-125.	0.7	29
89	The Joint Facial and Invasive Neck Trauma (Jâ€FAINT) Project, Iraq and Afghanistan 2003â€⊋011. Otolaryngology - Head and Neck Surgery, 2013, 148, 403-408.	1.1	29
90	Initial UK experience of prehospital blood transfusion in combat casualties. Journal of Trauma and Acute Care Surgery, 2014, 77, S66-S70.	1.1	29

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91	A National Survey of Evolving Management Patterns for Vascular Injury. Journal of Surgical Education, 2009, 66, 239-247.	1.2	28
92	Predicting the Outcome of Limb Revascularization in Patients With Lower-extremity Arterial Trauma. Annals of Surgery, 2020, 272, 564-572.	2.1	28
93	Microvascular porcine model for the optimization of vascularized composite tissue transplantation. Journal of Surgical Research, 2012, 178, 452-459.	0.8	27
94	Where do we go from here?. Journal of Trauma and Acute Care Surgery, 2013, 75, S105-S106.	1.1	27
95	Frequency and relevance of acute peritraumatic pulmonary thrombus diagnosed by computed tomographic imaging in combat casualties. Journal of Trauma and Acute Care Surgery, 2013, 75, S215-S220.	1.1	27
96	Combining data and meta-analysis to build Bayesian networks for clinical decision support. Journal of Biomedical Informatics, 2014, 52, 373-385.	2.5	27
97	Temporary intravascular shunt use improves early limb salvage after extremity vascular injury. Journal of Vascular Surgery, 2021, 73, 1304-1313.	0.6	27
98	The Biological Basis of Chronic Traumatic Encephalopathy following Blast Injury: A Literature Review. Journal of Neurotrauma, 2017, 34, S-26-S-43.	1.7	26
99	Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA): update and insights into current practices and future directions for research and implementation. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 8.	1.1	26
100	Prospective evaluation of the correlation between torso height and aortic anatomy in respect of a fluoroscopy free aortic balloon occlusion system. Surgery, 2014, 155, 1044-1051.	1.0	25
101	Point-of-injury use of reconstituted freeze dried plasma as a resuscitative fluid. Journal of Trauma and Acute Care Surgery, 2013, 75, S111-S114.	1.1	24
102	Timing of repair of blunt thoracic aortic injuries in the thoracic endovascular aortic repair era. Journal of Vascular Surgery, 2021, 73, 896-902.	0.6	24
103	A Modern Case Series of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in an Out-of-Hospital, Combat Casualty Care Setting. Journal of Special Operations Medicine: A Peer Reviewed Journal for SOF Medical Professionals, 2017, 17, 1-8.	0.1	24
104	Imaging Utilization During Explosive Multiple Casualty Incidents. Journal of Trauma, 2010, 68, 1421-1424.	2.3	23
105	Military-civilian partnership in device innovation. Journal of Trauma and Acute Care Surgery, 2017, 83, 732-735.	1.1	23
106	Automated variable aortic control versus complete aortic occlusion in a swine model of hemorrhage. Journal of Trauma and Acute Care Surgery, 2017, 82, 694-703.	1.1	23
107	A Porcine Model for Evaluating the Management of Noncompressible Torso Hemorrhage. Journal of Trauma, 2011, 71, S131-S138.	2.3	22
108	Long-term, patient-centered outcomes of lower-extremity vascular trauma. Journal of Trauma and Acute Care Surgery, 2018, 85, S104-S111.	1.1	22

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109	Who Would Have Benefited from the Prehospital Use of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)? An Autopsy Study. Journal of the American College of Surgeons, 2019, 229, 383-388e1.	0.2	22
110	The functional vascular anatomy of the swine for research. Vascular, 2022, 30, 392-402.	0.4	22
111	Superficial venous aneurysms of the small saphenous vein. Journal of Vascular Surgery, 2009, 50, 644-647.	0.6	21
112	A Large Animal Survival Model (Sus Scrofa) of Extremity Ischemia/Reperfusion and Neuromuscular Outcomes Assessment: A Pilot Study. Journal of Trauma, 2010, 69, S146-S153.	2.3	21
113	Cystic adventitial disease of the popliteal artery. Journal of Vascular Surgery, 2004, 39, 1351.	0.6	20
114	A Retrospective Cohort Comparison of Expanded Polytetrafluorethylene to Autologous Vein for Vascular Reconstruction in Modern Combat Casualty Care. Annals of Vascular Surgery, 2015, 29, 822-829.	0.4	20
115	Epidemiology of Upper Extremity Vascular Injury in Contemporary Combat. Annals of Vascular Surgery, 2020, 62, 98-103.	0.4	20
116	Management of Blunt Peripheral Arterial Injury. Perspectives in Vascular Surgery and Endovascular Therapy, 2006, 18, 159-173.	0.6	19
117	Morphometric analysis of torso arterial anatomy with implications for resuscitative aortic occlusion. Journal of Trauma and Acute Care Surgery, 2013, 75, S169-S172.	1.1	19
118	Risk factors for colostomy in military colorectal trauma: A review of 867 patients. Surgery, 2014, 155, 1052-1061.	1.0	19
119	Central pressurized cadaver model (CPCM) for resuscitative endovascular balloon occlusion of the aorta (REBOA) training and device testing. Journal of Trauma and Acute Care Surgery, 2015, 78, 197-200.	1.1	19
120	Defining a Research Agenda for Layperson Prehospital Hemorrhage Control. JAMA Network Open, 2020, 3, e209393.	2.8	19
121	Why Military Medical Research?. Military Medicine, 2014, 179, 1-2.	0.4	18
122	Role I trauma experience of the Israeli Defense Forces on the Syrian border. Journal of Trauma and Acute Care Surgery, 2014, 77, S71-S76.	1.1	18
123	New insights into inflammatory abdominal aortic aneurysms. European Journal of Vascular and Endovascular Surgery, 1997, 14, 329-332.	0.8	17
124	Endovascular Treatment of a Blunt Aortic Injury in Iraq: Extension of Innovative Endovascular Capabilities to the Modern Battlefield. Annals of Vascular Surgery, 2009, 23, 687.e19-687.e22.	0.4	17
125	Unrealized potential of the US military battlefield trauma system: DOW rate is higher in Iraq and Afghanistan than in Vietnam, but CFR and KIA rate are lower. Journal of Trauma and Acute Care Surgery, 2018, 85, S4-S12.	1.1	17
126	Clinical implementation of the Humacyte human acellular vessel: Implications for military and civilian trauma care. Journal of Trauma and Acute Care Surgery, 2019, 87, S44-S47.	1.1	17

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127	Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA). Annals of Surgery, 2021, 274, e54-e61.	2.1	17
128	Blunt cerebrovascular injuries: Outcomes from the American Association for the Surgery of Trauma PROspective Observational Vascular Injury Treatment (PROOVIT) multicenter registry. Journal of Trauma and Acute Care Surgery, 2021, 90, 987-995.	1.1	17
129	Advanced Resuscitative Care in Tactical Combat Casualty Care: TCCC Guidelines Change 18-01:14 October 2018. Journal of Special Operations Medicine: A Peer Reviewed Journal for SOF Medical Professionals, 2018, 18, 37-55.	0.1	17
130	Ehlers-Danlos Syndrome Type IV and a Novel Mutation of the Type III Procollagen Gene as a Cause of Abdominal Apoplexy. Mayo Clinic Proceedings, 2002, 77, 861-863.	1.4	16
131	Vietnam (1972) to Afghanistan (2014). Journal of Trauma and Acute Care Surgery, 2014, 77, S57-S65.	1.1	16
132	A concluding after-action report of the Senior Visiting Surgeon program with the United States Military at Landstuhl Regional Medical Center, Germany. Journal of Trauma and Acute Care Surgery, 2014, 76, 878-883.	1.1	16
133	Combat related vascular injuries: Dutch experiences from a role 2 MTF in Afghanistan. Injury, 2016, 47, 94-98.	0.7	16
134	Exsanguination Shock: The Next Frontier in Prevention of Battlefield Mortality. Journal of Trauma, 2011, 71, S1-S3.	2.3	15
135	Contemporary Utilization of Resuscitative Thoracotomy: Results From the AAST Aortic Occlusion for Resuscitation in Trauma and Acute Care Surgery (AORTA) Multicenter Registry. Shock, 2018, 50, 414-420.	1.0	15
136	A New Pressure-Regulated, Partial Resuscitative Endovascular Balloon Occlusion of the Aorta Device Achieves Targeted Distal Perfusion. Journal of Surgical Research, 2020, 256, 171-179.	0.8	15
137	Vascular Trauma at a Crossroads. Journal of Trauma, 2011, 70, 1291-1293.	2.3	14
138	The impact of 10 years of war on combat casualty care research. Journal of Trauma and Acute Care Surgery, 2012, 73, S403-S408.	1.1	14
139	A collaborative research system for functional outcomes following wartime extremity vascular injury. Journal of Trauma and Acute Care Surgery, 2012, 73, S7-S12.	1.1	14
140	Temporal changes of aortic neck morphology in abdominal aortic aneurysms. Journal of Vascular Surgery, 2010, 51, 1111-1115.	0.6	13
141	"One Front and One Battle― Civilian Professional Medical Support of Military Surgeons. Journal of the American College of Surgeons, 2012, 215, 432-437.	0.2	13
142	C1 esterase inhibitor ameliorates ischemia reperfusion injury in a swine musculocutaneous flap model. Microsurgery, 2017, 37, 142-147.	0.6	13
143	Systemic anticoagulation in the setting of vascular extremity trauma. Injury, 2017, 48, 1911-1916.	0.7	13
144	Emerging hemorrhage control and resuscitation strategies in trauma: Endovascular to extracorporeal. Journal of Trauma and Acute Care Surgery, 2020, 89, S50-S58.	1.1	13

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145	Beyond the Crossroads. Annals of Surgery, 2020, 272, 236-237.	2.1	13
146	Damage control resuscitation: REBOA as the new fourth pillar. , 2020, 51, e4014353.		13
147	The Effects of Balloon Occlusion of the Aorta on Cerebral Blood Flow, Intracranial Pressure, and Brain Tissue Oxygen Tension in a Rodent Model of Penetrating Ballistic-Like Brain Injury. Frontiers in Neurology, 2019, 10, 1309.	1.1	12
148	Development of a computed tomography perfusion protocol to support large animal resuscitation research. Journal of Trauma and Acute Care Surgery, 2021, 91, 879-885.	1.1	12
149	MOTOR SCOOTER HANDLEBAR SYNDROME. Journal of Trauma, 2002, 53, 806.	2.3	12
150	Direct Vascular Control Results in Less Physiologic Derangement Than Proximal Aortic Clamping in a Porcine Model of Noncompressible Extrathoracic Torso Hemorrhage. Journal of Trauma, 2011, 71, 1278-1287.	2.3	11
151	Management and outcomes of wartime cervical carotid artery injury. Journal of Trauma and Acute Care Surgery, 2020, 89, S225-S230.	1.1	11
152	The Human Acellular Vessel for Vascular Reconstruction or Bypass. JAMA Surgery, 2022, 157, 731.	2.2	11
153	Implementation of a National Trauma Research Action Plan (NTRAP). Journal of Trauma and Acute Care Surgery, 2018, 84, 1012-1016.	1.1	10
154	Too fast, or not fast enough? The FAST exam in patients with non-compressible torso hemorrhage. American Journal of Surgery, 2019, 217, 882-886.	0.9	10
155	A military perspective on the vascular surgeon's response to the COVID-19 pandemic. Journal of Vascular Surgery, 2020, 71, 1821-1822.	0.6	10
156	A contemporary assessment of devices for Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA): resource-specific options per level of care. European Journal of Trauma and Emergency Surgery, 2021, 47, 57-69.	0.8	10
157	Selective Prehospital Advanced Resuscitative Care – Developing a Strategy to Prevent Prehospital Deaths From Noncompressible Torso Hemorrhage. Shock, 2022, 57, 7-14.	1.0	10
158	Cellular therapies in trauma and critical care medicine: Looking towards the future. PLoS Medicine, 2017, 14, e1002343.	3.9	10
159	The Senior Visiting Surgeons program. Journal of Trauma and Acute Care Surgery, 2012, 73, S536-S542.	1.1	9
160	Expanded Polytetrafluoroethylene (ePTFE) Versus Autologous Vein as a Conduit for Vascular Reconstruction in Modern Combat Casualty Care. Journal of Vascular Surgery, 2013, 57, 11S.	0.6	9
161	Combat casualty care research for the multidomain battlefield. Journal of Trauma and Acute Care Surgery, 2017, 83, S1-S3.	1.1	9
162	Resuscitative Endovascular Balloon Occlusion of the Aorta for Hemorrhagic Shock. JAMA Surgery, 2017, 152, 1072.	2.2	9

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163	Infraclavicular Thoracic Outlet Decompression Compared to Supraclavicular Thoracic Outlet Decompression for the Management of Venous Thoracic Outlet Syndrome. Annals of Vascular Surgery, 2020, 65, 90-99.	0.4	9
164	Interpreting comparative died of wounds rates as a quality benchmark of combat casualty care. Journal of Trauma and Acute Care Surgery, 2012, 73, S60-S63.	1.1	8
165	Heeding the call: Military-civilian partnerships as a foundation for enhanced mass casualty care in the United States. Journal of Trauma and Acute Care Surgery, 2018, 85, 1123-1126.	1.1	8
166	Prehospital Interventions Performed in Afghanistan Between November 2009 and March 2014. Military Medicine, 2019, 184, 133-137.	0.4	8
167	Migration of Aortic Occlusion Balloons in an in vitro model of the human circulation. Injury, 2019, 50, 286-291.	0.7	8
168	Preliminary Experience With the Human Acellular Vessel: A Descriptive Case Series Detailing Early Use of a Bioengineered Blood Vessel for Arterial Repair. Annals of Vascular Surgery, 2022, 87, 100-112.	0.4	8
169	Intraoperative use of a new angle-independent Doppler system to measure arterial velocities after carotid endarterectomy. Journal of Vascular Surgery, 2003, 37, 374-380.	0.6	7
170	Review of Standards for Competence in Catheter-Based Endovascular Procedures: A Resource and Strategy for the Interventional Vascular Surgeon. Vascular and Endovascular Surgery, 2003, 37, 39-46.	0.3	7
171	Endovascular Versus Open Management of Blunt Traumatic Aortic Disruption at Two Military Trauma Centers: Comparison of In-Hospital Variables. Military Medicine, 2009, 174, 869-873.	0.4	7
172	No Drift. JAMA Surgery, 2014, 149, 221.	2.2	7
173	A national trauma care system. Journal of Trauma and Acute Care Surgery, 2016, 81, 813-815.	1.1	7
174	Wartime Vascular Injury. Military Medicine, 2018, 183, 101-104.	0.4	7
175	Potentially survivable fatal vascular access hemorrhage with tourniquet use: A postâ€mortem analysis. Journal of the American College of Emergency Physicians Open, 2020, 1, 1224-1229.	0.4	7
176	The vital civilian-military link in combat casualty care research. Journal of Trauma and Acute Care Surgery, 2015, 79, S221-S226.	1.1	6
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