

Todd E Rasmussen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

257 papers	9,579 citations	46 h-index	92 g-index
290 ext. papers	11,351 ext. citations	3.2 avg, IF	6.05 L-index

#	Paper	IF	Citations
257	Death on the battlefield (2001-2011): implications for the future of combat casualty care. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S431-7	3.3	950
256	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology</i> , 2017 , 16, 987-1048	24.1	851
255	Military Application of Tranexamic Acid in Trauma Emergency Resuscitation (MATTERs) Study. <i>Archives of Surgery</i> , 2012 , 147, 113-9		508
254	A clinical series of resuscitative endovascular balloon occlusion of the aorta for hemorrhage control and resuscitation. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, 506-11	3.3	311
253	The use of temporary vascular shunts as a damage control adjunct in the management of wartime vascular injury. <i>Journal of Trauma</i> , 2006 , 61, 8-12; discussion 12-5		235
252	Resuscitative endovascular balloon occlusion of the aorta (REBOA) as an adjunct for hemorrhagic shock. <i>Journal of Trauma</i> , 2011 , 71, 1869-72		195
251	Contemporary management of wartime vascular trauma. <i>Journal of Vascular Surgery</i> , 2005 , 41, 638-44	3.5	195
250	A systematic review of the use of resuscitative endovascular balloon occlusion of the aorta in the management of hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 80, 324-34	3.3	183
249	Endovascular balloon occlusion of the aorta is superior to resuscitative thoracotomy with aortic clamping in a porcine model of hemorrhagic shock. <i>Surgery</i> , 2011 , 150, 400-9	3.6	176
248	Experience with wound VAC and delayed primary closure of contaminated soft tissue injuries in Iraq. <i>Journal of Trauma</i> , 2006 , 61, 1207-11		155
247	In-theater management of vascular injury: 2 years of the Balad Vascular Registry. <i>Journal of the American College of Surgeons</i> , 2007 , 204, 625-32	4.4	154
246	Association of cryoprecipitate and tranexamic acid with improved survival following wartime injury: findings from the MATTERs II Study. <i>JAMA Surgery</i> , 2013 , 148, 218-25	5.4	147
245	The epidemiology of vascular injury in the wars in Iraq and Afghanistan. <i>Annals of Surgery</i> , 2011 , 253, 1184-9	7.8	146
244	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® Aortic Occlusion in Resuscitation for Trauma and Acute Care Surgery Registry. <i>Journal of the American College of Surgeons</i> , 2018 , 226, 730-740	4.4	133
243	Physiologic tolerance of descending thoracic aortic balloon occlusion in a swine model of hemorrhagic shock. <i>Surgery</i> , 2013 , 153, 848-56	3.6	128
242	Effect of temporary shunting on extremity vascular injury: an outcome analysis from the Global War on Terror vascular injury initiative. <i>Journal of Vascular Surgery</i> , 2009 , 50, 549-55; discussion 555-6	3.5	124
241	Evidence of nanobacterial-like structures in calcified human arteries and cardiac valves. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H1115-24	5.2	120

240	Noncompressible torso hemorrhage: a review with contemporary definitions and management strategies. <i>Surgical Clinics of North America</i> , 2012 , 92, 843-58, vii	4	119
239	Inflammatory aortic aneurysms. A clinical review with new perspectives in pathogenesis. <i>Annals of Surgery</i> , 1997 , 225, 155-64	7.8	118
238	Aortic balloon occlusion is effective in controlling pelvic hemorrhage. <i>Journal of Surgical Research</i> , 2012 , 177, 341-7	2.5	110
237	Epidemiology and outcomes of non-compressible torso hemorrhage. <i>Journal of Surgical Research</i> , 2013 , 184, 414-21	2.5	108
236	Endovascular management of axillo-subclavian arterial injury: a review of published experience. <i>Injury</i> , 2012 , 43, 1785-92	2.5	104
235	Use of resuscitative endovascular balloon occlusion of the aorta in a highly lethal model of noncompressible torso hemorrhage. <i>Shock</i> , 2014 , 41, 130-7	3.4	102
234	The pitfalls of resuscitative endovascular balloon occlusion of the aorta: Risk factors and mitigation strategies. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 84, 192-202	3.3	100
233	A novel fluoroscopy-free, resuscitative endovascular aortic balloon occlusion system in a model of hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, 122-8	3.3	96
232	Early abdominal closure with mesh reduces multiple organ failure after ruptured abdominal aortic aneurysm repair: guidelines from a 10-year case-control study. <i>Journal of Vascular Surgery</i> , 2002 , 35, 246-53	3.5	96
231	En-route care capability from point of injury impacts mortality after severe wartime injury. <i>Annals of Surgery</i> , 2013 , 257, 330-4	7.8	92
230	The American Association for the Surgery of Trauma PROspective Observational Vascular Injury Treatment (PROOVIT) registry: multicenter data on modern vascular injury diagnosis, management, and outcomes. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 78, 215-22; discussion 222-3	3.3	85
229	Penetrating femoropopliteal injury during modern warfare: experience of the Balad Vascular Registry. <i>Journal of Vascular Surgery</i> , 2008 , 47, 1259-64; discussion 1264-5	3.5	85
228	Endovascular Skills for Trauma and Resuscitative Surgery (ESTARS) course: curriculum development, content validation, and program assessment. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 929-35; discussion 935-6	3.3	84
227	The epidemiology of noncompressible torso hemorrhage in the wars in Iraq and Afghanistan. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 74, 830-4	3.3	78
226	The inflammatory sequelae of aortic balloon occlusion in hemorrhagic shock. <i>Journal of Surgical Research</i> , 2014 , 191, 423-31	2.5	77
225	Genetic risk factors in inflammatory abdominal aortic aneurysms: polymorphic residue 70 in the HLA-DR B1 gene as a key genetic element. <i>Journal of Vascular Surgery</i> , 1997 , 25, 356-64	3.5	72
224	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. <i>Journal of Vascular Surgery</i> , 2007 , 45, 1197-204; discussion 1204-5	3.5	72
223	Echelons of care and the management of wartime vascular injury: a report from the 332nd EMDG/Air Force Theater Hospital, Balad Air Base, Iraq. <i>Perspectives in Vascular Surgery and Endovascular Therapy</i> , 2006 , 18, 91-9		68

222	Resuscitative endovascular balloon occlusion of the aorta: a gap analysis of severely injured UK combat casualties. <i>Shock</i> , 2014 , 41, 388-93	3.4	66
221	Injury pattern and mortality of noncompressible torso hemorrhage in UK combat casualties. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, S263-8	3.3	62
220	Prehospital interventions performed in a combat zone: a prospective multicenter study of 1,003 combat wounded. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S38-42	3.3	59
219	Dismounted Complex Blast Injuries: A Comprehensive Review of the Modern Combat Experience. <i>Journal of the American College of Surgeons</i> , 2016 , 223, 652-664.e8	4.4	58
218	Upper extremity vascular injury: a current in-theater wartime report from Operation Iraqi Freedom. <i>Annals of Vascular Surgery</i> , 2006 , 20, 429-34	1.7	57
217	Prehospital blood transfusion in the en route management of severe combat trauma: a matched cohort study. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 77, S114-20	3.3	55
216	What imaging studies are necessary for abdominal aortic endograft sizing? A prospective blinded study using conventional computed tomography, aortography, and three-dimensional computed tomography. <i>Journal of Vascular Surgery</i> , 2005 , 41, 199-205	3.5	55
215	Outcomes of selective tibial artery repair following combat-related extremity injury. <i>Journal of Vascular Surgery</i> , 2010 , 52, 91-6	3.5	51
214	The mangled extremity score and amputation: Time for a revision. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 82, 518-523	3.3	50
213	Temporary arterial shunts to maintain limb perfusion after arterial injury: an animal study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 47, 64-71	9.4	48
212	Prophylactic use of resuscitative endovascular balloon occlusion of the aorta in women with abnormal placentation: A systematic review, meta-analysis, and case series. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 84, 809-818	3.3	45
211	The impact of ischemic intervals on neuromuscular recovery in a porcine (<i>Sus scrofa</i>) survival model of extremity vascular injury. <i>Journal of Vascular Surgery</i> , 2011 , 53, 165-73	3.5	45
210	Implications of combat casualty care for mass casualty events. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 475-6	27.4	44
209	Resuscitative thoracotomy following wartime injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 74, 825-9	3.3	44
208	Hemorrhagic shock worsens neuromuscular recovery in a porcine model of hind limb vascular injury and ischemia-reperfusion. <i>Journal of Vascular Surgery</i> , 2011 , 53, 1052-62; discussion 1062	3.5	43
207	Emergent non-image-guided resuscitative endovascular balloon occlusion of the aorta (REBOA) catheter placement: A cadaver-based study. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 81, 453-7	3.3	43
206	U.S. Military use of tourniquets from 2001 to 2010. <i>Prehospital Emergency Care</i> , 2015 , 19, 184-90	2.8	41
205	Extending resuscitative endovascular balloon occlusion of the aorta: Endovascular variable aortic control in a lethal model of hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 81, 294-301	3.3	41

204	A brief history of the tourniquet. <i>Journal of Vascular Surgery</i> , 2012 , 55, 286-90	3.5	40
203	Genetic similarity in inflammatory and degenerative abdominal aortic aneurysms: a study of human leukocyte antigen class II disease risk genes. <i>Journal of Vascular Surgery</i> , 2001 , 34, 84-9	3.5	40
202	Current opinion on catheter-based hemorrhage control in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 888-93	3.3	39
201	Human leukocyte antigen class II immune response genes, female gender, and cigarette smoking as risk and modulating factors in abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2002 , 35, 988-93	3.5	39
200	State of the art of fluid resuscitation 2010: prehospital and immediate transition to the hospital. <i>Journal of Trauma</i> , 2011 , 70, S2-10		38
199	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. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 83, 139-143	3.3	37
198	Development and implementation of endovascular capabilities in wartime. <i>Journal of Trauma</i> , 2008 , 64, 1169-76; discussion 1176		37
197	Military-to-civilian translation of battlefield innovations in operative trauma care. <i>Surgery</i> , 2015 , 158, 1686-95	3.6	36
196	Anatomic distribution and mortality of arterial injury in the wars in Afghanistan and Iraq with comparison to a civilian benchmark. <i>Journal of Vascular Surgery</i> , 2012 , 56, 728-36	3.5	36
195	Wartime vascular injuries in the pediatric population of Iraq and Afghanistan: 2002-2011. <i>Journal of Pediatric Surgery</i> , 2014 , 49, 428-32	2.6	35
194	Resuscitative endovascular balloon occlusion of the aorta for hemorrhage control: Past, present, and future. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 79, S236-42	3.3	35
193	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. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 84, 411-417	3.3	33
192	Early versus delayed restoration of flow with temporary vascular shunt reduces circulating markers of injury in a porcine model. <i>Journal of Trauma</i> , 2009 , 67, 259-65		33
191	Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) for Hemorrhagic Shock. <i>Military Medicine</i> , 2018 , 183, 55-59	1.3	33
190	Functional outcome after resuscitative endovascular balloon occlusion of the aorta of the proximal and distal thoracic aorta in a swine model of controlled hemorrhage. <i>Annals of Vascular Surgery</i> , 2015 , 29, 114-21	1.7	31
189	Wartime Lessons - Shaping a National Trauma Action Plan. <i>New England Journal of Medicine</i> , 2016 , 375, 1612-1615	59.2	31
188	Laparoscopic repair of colonoscopic perforations of the colon. <i>Journal of Laparoendoscopic Surgery</i> , 1994 , 4, 51-4		31
187	Patient-based outcomes and quality of life after salvageable wartime extremity vascular injury. <i>Journal of Vascular Surgery</i> , 2014 , 59, 173-9.e1	3.5	30

186	Military medical revolution: deployed hospital and en route care. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S378-87	3.3	30
185	Combat readiness for the modern military surgeon: data from a decade of combat operations. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S64-70	3.3	30
184	Surgical response to multiple casualty incidents following single explosive events. <i>Annals of Surgery</i> , 2009 , 250, 311-5	7.8	30
183	Children treated at an expeditionary military hospital in Iraq. <i>JAMA Pediatrics</i> , 2006 , 160, 972-6		30
182	Cellular Therapies in Trauma and Critical Care Medicine: Forging New Frontiers. <i>Shock</i> , 2015 , 44, 505-23	3.4	29
181	Impact of time to repair on outcomes in patients with lower extremity arterial injuries. <i>Journal of Vascular Surgery</i> , 2019 , 69, 1519-1523	3.5	29
180	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. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 85, S98-S103	3.3	29
179	Small changes, big effects: The hemodynamics of partial and complete aortic occlusion to inform next generation resuscitation techniques and technologies. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 82, 1106-1111	3.3	28
178	Varied presentations of missile emboli in military combat. <i>Journal of Vascular Surgery</i> , 2010 , 51, 214-7	3.5	28
177	A contemporary, 7-year analysis of vascular injury from the war in Afghanistan. <i>Journal of Vascular Surgery</i> , 2018 , 68, 1872-1879	3.5	28
176	History of temporary intravascular shunts in the management of vascular injury. <i>Journal of Vascular Surgery</i> , 2010 , 52, 1405-9	3.5	27
175	Tourniquets, vascular shunts, and endovascular technologies: esoteric or essential? A report from the 2011 AAST Military Liaison Panel. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, 282-5	3.3	27
174	Epidemiology of modern battlefield colorectal trauma: a review of 977 coalition casualties. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S503-8	3.3	27
173	A national survey of evolving management patterns for vascular injury. <i>Journal of Surgical Education</i> , 2009 , 66, 239-47	3.4	26
172	Initial UK experience of prehospital blood transfusion in combat casualties. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 77, S66-70	3.3	23
171	Microvascular porcine model for the optimization of vascularized composite tissue transplantation. <i>Journal of Surgical Research</i> , 2012 , 178, 452-9	2.5	23
170	Renal role of the endogenous natriuretic peptide system in acute congestive heart failure. <i>Journal of Cardiac Failure</i> , 1996 , 2, 119-25	3.3	23
169	The giving back: Battlefield lesson to national preparedness. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 80, 166-7	3.3	23

168	Prospective evaluation of the correlation between torso height and aortic anatomy in respect of a fluoroscopy free aortic balloon occlusion system. <i>Surgery</i> , 2014 , 155, 1044-51	3.6	21
167	Where do we go from here? Preface. US Military Health System Research Symposium, August 2013. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, S105-6	3.3	21
166	Frequency and relevance of acute peritraumatic pulmonary thrombus diagnosed by computed tomographic imaging in combat casualties. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, S215-20	3.3	21
165	The Biological Basis of Chronic Traumatic Encephalopathy following Blast Injury: A Literature Review. <i>Journal of Neurotrauma</i> , 2017 , 34, S26-S43	5.4	20
164	Combining data and meta-analysis to build Bayesian networks for clinical decision support. <i>Journal of Biomedical Informatics</i> , 2014 , 52, 373-85	10.2	20
163	The joint facial and invasive neck trauma (J-FAINT) project, Iraq and Afghanistan 2003-2011. <i>Otolaryngology - Head and Neck Surgery</i> , 2013 , 148, 403-8	5.5	20
162	Point-of-injury use of reconstituted freeze dried plasma as a resuscitative fluid: a special report for prehospital trauma care. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, S111-4	3.3	20
161	A large animal survival model (Sus scrofa) of extremity ischemia/reperfusion and neuromuscular outcomes assessment: a pilot study. <i>Journal of Trauma</i> , 2010 , 69 Suppl 1, S146-53		20
160	A porcine model for evaluating the management of noncompressible torso hemorrhage. <i>Journal of Trauma</i> , 2011 , 71, S131-8		19
159	Imaging utilization during explosive multiple casualty incidents. <i>Journal of Trauma</i> , 2010 , 68, 1421-4		19
158	Automated variable aortic control versus complete aortic occlusion in a swine model of hemorrhage. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 82, 694-703	3.3	18
157	Military trauma system in Afghanistan: lessons for civil systems?. <i>Current Opinion in Critical Care</i> , 2013 , 19, 569-77	3.5	18
156	Long-term, patient-centered outcomes of lower-extremity vascular trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 85, S104-S111	3.3	18
155	A Modern Case Series of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in an Out-of-Hospital, Combat Casualty Care Setting. <i>Journal of Special Operations Medicine: A Peer Reviewed Journal for SOF Medical Professionals</i> , 2017 , 17, 1-8	1.8	18
154	A retrospective cohort comparison of expanded polytetrafluorethylene to autologous vein for vascular reconstruction in modern combat casualty care. <i>Annals of Vascular Surgery</i> , 2015 , 29, 822-9	1.7	17
153	Cystic adventitial disease of the popliteal artery. <i>Journal of Vascular Surgery</i> , 2004 , 39, 1351	3.5	17
152	Military-civilian partnership in device innovation: Development, commercialization and application of resuscitative endovascular balloon occlusion of the aorta. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 83, 732-735	3.3	16
151	Central pressurized cadaver model (CPCM) for resuscitative endovascular balloon occlusion of the aorta (REBOA) training and device testing. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 78, 197-200	3.3	16

150	Combat related vascular injuries: Dutch experiences from a role 2 MTF in Afghanistan. <i>Injury</i> , 2016 , 47, 94-8	2.5	15
149	Who Would Have Benefited from the Prehospital Use of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)? An Autopsy Study. <i>Journal of the American College of Surgeons</i> , 2019 , 229, 383-388.e1	4.4	15
148	Management and outcome of 597 wartime penetrating lower extremity arterial injuries from an international military cohort. <i>Journal of Vascular Surgery</i> , 2019 , 70, 224-232	3.5	15
147	Endovascular treatment of a blunt aortic injury in Iraq: extension of innovative endovascular capabilities to the modern battlefield. <i>Annals of Vascular Surgery</i> , 2009 , 23, 687.e19-22	1.7	15
146	Ehlers-Danlos syndrome type IV and a novel mutation of the type III procollagen gene as a cause of abdominal apoplexy. <i>Mayo Clinic Proceedings</i> , 2002 , 77, 861-3	6.4	15
145	Risk factors for colostomy in military colorectal trauma: a review of 867 patients. <i>Surgery</i> , 2014 , 155, 1052-61	3.6	14
144	A concluding after-action report of the Senior Visiting Surgeon program with the United States Military at Landstuhl Regional Medical Center, Germany. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 878-83; discussion 883	3.3	14
143	Why military medical research?. <i>Military Medicine</i> , 2014 , 179, 1-2	1.3	14
142	Contemporary Utilization of Resuscitative Thoracotomy: Results From the AAST Aortic Occlusion for Resuscitation in Trauma and Acute Care Surgery (AORTA) Multicenter Registry. <i>Shock</i> , 2018 , 50, 414-420	4.1	13
141	Vietnam (1972) to Afghanistan (2014): the state of military trauma care and research, past to present. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 77, S57-65	3.3	13
140	Morphometric analysis of torso arterial anatomy with implications for resuscitative aortic occlusion. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, S169-72	3.3	13
139	Superficial venous aneurysms of the small saphenous vein. <i>Journal of Vascular Surgery</i> , 2009 , 50, 644-7	3.5	13
138	Management of blunt peripheral arterial injury. <i>Perspectives in Vascular Surgery and Endovascular Therapy</i> , 2006 , 18, 159-73		13
137	Role I trauma experience of the Israeli Defense Forces on the Syrian border. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 77, S71-6	3.3	12
136	"One front and one battle": civilian professional medical support of military surgeons. <i>Journal of the American College of Surgeons</i> , 2012 , 215, 432-7	4.4	12
135	Vascular trauma at a crossroads. <i>Journal of Trauma</i> , 2011 , 70, 1291-3		12
134	Temporal changes of aortic neck morphology in abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2010 , 51, 1111-5	3.5	12
133	Advanced Resuscitative Care in Tactical Combat Casualty Care: TCCC Guidelines Change 18-01:14 October 2018. <i>Journal of Special Operations Medicine: A Peer Reviewed Journal for SOF Medical Professionals</i> , 2018 , 18, 37-55	1.8	12

132	A collaborative research system for functional outcomes following wartime extremity vascular injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S7-12	3.3	11
131	Epidemiology of Upper Extremity Vascular Injury in Contemporary Combat. <i>Annals of Vascular Surgery</i> , 2020 , 62, 98-103	1.7	11
130	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. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 85, S4-S12	3.3	11
129	Direct vascular control results in less physiologic derangement than proximal aortic clamping in a porcine model of noncompressible extrathoracic torso hemorrhage. <i>Journal of Trauma</i> , 2011 , 71, 1278-86; discussion 1286-7		10
128	Motor scooter handlebar syndrome. <i>Journal of Trauma</i> , 2002 , 53, 806		10
127	C1 esterase inhibitor ameliorates ischemia reperfusion injury in a swine musculocutaneous flap model. <i>Microsurgery</i> , 2017 , 37, 142-147	2.1	9
126	Systemic anticoagulation in the setting of vascular extremity trauma. <i>Injury</i> , 2017 , 48, 1911-1916	2.5	9
125	Expanded Polytetrafluoroethylene (ePTFE) Versus Autologous Vein as a Conduit for Vascular Reconstruction in Modern Combat Casualty Care. <i>Journal of Vascular Surgery</i> , 2013 , 57, 11S	3.5	9
124	The impact of 10 years of war on combat casualty care research: a citation analysis. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S403-8	3.3	9
123	Damage control resuscitation: REBOA as the new fourth pillar. <i>Colombia Medica</i> , 2020 , 51, e4014353	1.5	9
122	Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA): Zone I Balloon Occlusion Time Affects Spinal Cord Injury in the Nonhuman Primate Model. <i>Annals of Surgery</i> , 2021 , 274, e54-e61	7.8	9
121	A military perspective on the vascular surgeon's response to the COVID-19 pandemic. <i>Journal of Vascular Surgery</i> , 2020 , 71, 1821-1822	3.5	8
120	Defining a Research Agenda for Layperson Prehospital Hemorrhage Control: A Consensus Statement. <i>JAMA Network Open</i> , 2020 , 3, e209393	10.4	8
119	Resuscitative Endovascular Balloon Occlusion of the Aorta for Hemorrhagic Shock. <i>JAMA Surgery</i> , 2017 , 152, 1072-1073	5.4	7
118	No drift. <i>JAMA Surgery</i> , 2014 , 149, 221-2	5.4	7
117	The Senior Visiting Surgeons program: a model for sustained military-civilian collaboration in times of war and peace. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S536-42	3.3	7
116	Interpreting comparative died of wounds rates as a quality benchmark of combat casualty care. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, S60-3	3.3	7
115	Endovascular versus open management of blunt traumatic aortic disruption at two military trauma centers: comparison of in-hospital variables. <i>Military Medicine</i> , 2009 , 174, 869-73	1.3	7

114	Too fast, or not fast enough? The FAST exam in patients with non-compressible torso hemorrhage. <i>American Journal of Surgery</i> , 2019 , 217, 882-886	2.7	7
113	Clinical implementation of the Humacyte human acellular vessel: Implications for military and civilian trauma care. <i>Journal of Trauma and Acute Care Surgery</i> , 2019 , 87, S44-S47	3.3	7
112	Guidelines for the Treatment of Severe Traumatic Brain Injury: Are They Used?. <i>JAMA Surgery</i> , 2015 , 150, 1013-5	5.4	6
111	Beyond the Crossroads: Who Will be the Caretakers of Vascular Injury Management?. <i>Annals of Surgery</i> , 2020 , 272, 236-237	7.8	6
110	The vital civilian-military link in combat casualty care research: Impact of attendance at scientific conferences. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 79, S221-6	3.3	6
109	Intraoperative use of a new angle-independent Doppler system to measure arterial velocities after carotid endarterectomy. <i>Journal of Vascular Surgery</i> , 2003 , 37, 374-80	3.5	6
108	Cellular therapies in trauma and critical care medicine: Looking towards the future. <i>PLoS Medicine</i> , 2017 , 14, e1002343	11.6	6
107	A New Pressure-Regulated, Partial Resuscitative Endovascular Balloon Occlusion of the Aorta Device Achieves Targeted Distal Perfusion. <i>Journal of Surgical Research</i> , 2020 , 256, 171-179	2.5	6
106	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. <i>Frontiers in Neurology</i> , 2019 , 10, 1309	4.1	6
105	Temporary intravascular shunt use improves early limb salvage after extremity vascular injury. <i>Journal of Vascular Surgery</i> , 2021 , 73, 1304-1313	3.5	6
104	Combat casualty care research for the multidomain battlefield. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 83, S1-S3	3.3	5
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