

# Timothy J Coats

## List of Publications by Year in Descending Order

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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.

86

papers

6,099

citations

26

h-index

78

g-index

97

ext. papers

7,153

ext. citations

5.9

avg, IF

5.35

L-index

#	Paper	IF	Citations
86	A high-dose 24-hour tranexamic acid infusion for the treatment of significant gastrointestinal bleeding: HALT-IT RCT. <i>Health Technology Assessment</i> , <b>2021</b> , 25, 1-86	4.4	0
85	COVID-19 monthly top five. <i>Emergency Medicine Journal</i> , <b>2021</b> , 38, 319-321	1.5	
84	The future of acute and emergency care. <i>Future Healthcare Journal</i> , <b>2021</b> , 8, e230-e236	0.9	1
83	What can the randomness of missing values tell you about clinical practice in large data sets of children's vital signs?. <i>Pediatric Research</i> , <b>2021</b> , 89, 16-21	3.2	2
82	Diagnostic accuracy of the magnetocardiograph for patients with suspected acute coronary syndrome. <i>Emergency Medicine Journal</i> , <b>2021</b> , 38, 47-52	1.5	1
81	Disposable paracetamol sensor based on electroactive molecularly imprinted polymer nanoparticles for plasma monitoring. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 329, 129128	8.5	14
80	Validation of the BATT score for prehospital risk stratification of traumatic haemorrhagic death: usefulness for tranexamic acid treatment criteria. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2021</b> , 29, 6	3.6	1
79	New Horizons in Understanding Appropriate Prehospital Identification and Trauma Triage for Older Adults. <i>Open Access Emergency Medicine</i> , <b>2021</b> , 13, 117-135	1.9	2
78	The burden of trauma in Tanzania: Analysis of prospective trauma registry data at regional hospitals in Tanzania. <i>Injury</i> , <b>2020</b> , 51, 2938-2945	2.5	3
77	Perceptions of health providers towards the use of standardised trauma form in managing trauma patients: a qualitative study from Tanzania. <i>Injury Epidemiology</i> , <b>2020</b> , 7, 15	1.7	2
76	A look inside cardiopulmonary resuscitation: A 4D computed tomography model of simulated closed chest compression. A proof of concept. <i>Resuscitation</i> , <b>2020</b> , 153, 149-153	4	4
75	Effect of tranexamic acid by baseline risk of death in acute bleeding patients: a meta-analysis of individual patient-level data from 28 333 patients. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 124, 676-683	5.4	7
74	Biological mechanisms and individual variation in fibrinolysis after major trauma. <i>Emergency Medicine Journal</i> , <b>2020</b> , 37, 135-140	1.5	6
73	Need for a UK injury control strategy. <i>Emergency Medicine Journal</i> , <b>2020</b> , 37, 497	1.5	1
72	Stealth trauma in the young and the old: the next challenge for major trauma networks?. <i>Emergency Medicine Journal</i> , <b>2020</b> , 37, 56-57	1.5	3
71	Trauma care and capture rate of variables of World Health Organisation data set for injury at regional hospitals in Tanzania: first steps to a national trauma registry. <i>BMC Emergency Medicine</i> , <b>2020</b> , 20, 29	2.4	4
70	The effect of constitutive pigmentation on the measured emissivity of human skin. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241843	3.7	7

69	Barriers and facilitators to implementing trauma registries in low- and middle-income countries: Qualitative experiences from Tanzania. <i>African Journal of Emergency Medicine</i> , <b>2020</b> , 10, S23-S28	1.3	4
68	Development and pilot implementation of a standardised trauma documentation form to inform a national trauma registry in a low-resource setting: lessons from Tanzania. <i>BMJ Open</i> , <b>2020</b> , 10, e038022	3	1
67	Understanding the neuroprotective effect of tranexamic acid: an exploratory analysis of the CRASH-3 randomised trial. <i>Critical Care</i> , <b>2020</b> , 24, 560	10.8	13
66	A consensus building exercise to determine research priorities for silver trauma. <i>BMC Emergency Medicine</i> , <b>2020</b> , 20, 63	2.4	5
65	Tranexamic acid for acute gastrointestinal bleeding (the HALT-IT trial): statistical analysis plan for an international, randomised, double-blind, placebo-controlled trial. <i>Trials</i> , <b>2019</b> , 20, 467	2.8	6
64	Implementation of tranexamic acid for bleeding trauma patients: a longitudinal and cross-sectional study. <i>Emergency Medicine Journal</i> , <b>2019</b> , 36, 78-81	1.5	8
63	A week of pain in the emergency department. <i>British Journal of Pain</i> , <b>2018</b> , 12, 58-63	2.1	4
62	What is the normal haemodynamic response to passive leg raise? A study of healthy volunteers. <i>Emergency Medicine Journal</i> , <b>2018</b> , 35, 544-549	1.5	4
61	A pilot study of the Leicester ED medical infrared imaging protocol in fever and sepsis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201562	3.7	4
60	Changing the System - Major Trauma Patients and Their Outcomes in the NHS (England) 2008-17. <i>EClinicalMedicine</i> , <b>2018</b> , 2-3, 13-21	11.3	112
59	Fluid therapy in the emergency department: an expert practice review. <i>Emergency Medicine Journal</i> , <b>2018</b> , 35, 511-515	1.5	8
58	The haemodynamic dilemma in emergency care: Is fluid responsiveness the answer? A systematic review. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2017</b> , 25, 25	3.6	14
57	Early, Goal-Directed Therapy for Septic Shock - A Patient-Level Meta-Analysis. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 2223-2234	59.2	264
56	Thoracic electrical bioimpedance versus suprasternal Doppler in emergency care. <i>EMA - Emergency Medicine Australasia</i> , <b>2017</b> , 29, 391-393	1.5	7
55	Bypassing nearest hospital for more distant neuroscience care in head-injured adults with suspected traumatic brain injury: findings of the head injury transportation straight to neurosurgery (HITS-NS) pilot cluster randomised trial. <i>BMJ Open</i> , <b>2017</b> , 7, e016355	3	13
54	Valsalva using a syringe: pressure and variation. <i>Emergency Medicine Journal</i> , <b>2016</b> , 33, 748-9	1.5	7
53	Author's response to Valsalva manoeuvre using a syringe: physics and implications <i>Emergency Medicine Journal</i> , <b>2016</b> , 33, 832	1.5	
52	Handling missing data in large healthcare dataset: A case study of unknown trauma outcomes. <i>Computers in Biology and Medicine</i> , <b>2016</b> , 75, 203-16	7	29

51	The European guideline on management of major bleeding and coagulopathy following trauma: fourth edition. <i>Critical Care</i> , <b>2016</b> , 20, 100	10.8	629
50	Trial of early, goal-directed resuscitation for septic shock. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 1301-11	59.2	970
49	Emergency medical services interval and mortality in significant head injury: a retrospective cohort study. <i>European Journal of Emergency Medicine</i> , <b>2015</b> , 22, 42-8	2.3	4
48	Early, Goal-Directed Resuscitation for Septic Shock. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 577-8	59.2	7
47	A qualitative study of self-evaluation of junior doctor performance: is perceived SaferSa more useful metric than confidence and competence?. <i>BMJ Open</i> , <b>2015</b> , 5, e008521	3	10
46	A profile of suspected child abuse as a subgroup of major trauma patients. <i>Emergency Medicine Journal</i> , <b>2015</b> , 32, 921-5	1.5	34
45	Good clinical practice in trauma care research: considerations for inter-hospital patient transfers. <i>International Emergency Nursing</i> , <b>2015</b> , 23, 42-4	2.4	1
44	Protocolised Management In Sepsis (ProMiSe): a multicentre randomised controlled trial of the clinical effectiveness and cost-effectiveness of early, goal-directed, protocolised resuscitation for emerging septic shock. <i>Health Technology Assessment</i> , <b>2015</b> , 19, i-xxv, 1-150	4.4	49
43	The effectiveness of specialist neuroscience care in severe traumatic brain injury: a systematic review. <i>British Journal of Neurosurgery</i> , <b>2014</b> , 28, 452-60	1	13
42	Do prolonged primary transport times for traumatic brain injury patients result in deteriorating physiology? A cohort study. <i>Prehospital Emergency Care</i> , <b>2014</b> , 18, 60-7	2.8	9
41	HALT-IT--tranexamic acid for the treatment of gastrointestinal bleeding: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2014</b> , 15, 450	2.8	73
40	Barriers, regulations and solutions in emergency surgery research. <i>British Journal of Surgery</i> , <b>2014</b> , 101, e3-4	5.3	9
39	Intravenous or nebulised magnesium sulphate versus standard therapy for severe acute asthma (3Mg trial): a double-blind, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , <b>2013</b> , 1, 293-300	35.1	41
38	Management of bleeding and coagulopathy following major trauma: an updated European guideline. <i>Critical Care</i> , <b>2013</b> , 17, R76	10.8	627
37	The STOP the Bleeding Campaign. <i>Critical Care</i> , <b>2013</b> , 17, 136	10.8	58
36	Recruiting to time and target in emergency care research. <i>Emergency Medicine Journal</i> , <b>2013</b> , 30, 609-10	10.5	4
35	Positive computed tomography rate for lone acute severe headache: a potential quality marker for emergency care?. <i>European Journal of Emergency Medicine</i> , <b>2013</b> , 20, 141-2	2.3	
34	Effect of tranexamic acid on mortality in patients with traumatic bleeding: prespecified analysis of data from randomised controlled trial. <i>BMJ, The</i> , <b>2012</b> , 345, e5839	5.9	95

33	The prognostic value of tissue oxygen saturation in emergency department patients with severe sepsis or septic shock. <i>Emergency Medicine Journal</i> , <b>2012</b> , 29, 699-703	1.5	26
32	Recent massive blood transfusion practice in England and Wales: view from a trauma registry. <i>Emergency Medicine Journal</i> , <b>2012</b> , 29, 118-23	1.5	21
31	Comparison of mortality following hospitalisation for isolated head injury in England and Wales, and Victoria, Australia. <i>PLoS ONE</i> , <b>2011</b> , 6, e20545	3.7	12
30	Isoflurane preconditioning protects astrocytes from oxygen and glucose deprivation independent of innate cell sex. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2011</b> , 23, 335-40	3	36
29	The effect of an organized trauma system on mortality in major trauma involving serious head injury: a comparison of the United kingdom and victoria, australia. <i>Annals of Surgery</i> , <b>2011</b> , 253, 138-43	7.8	72
28	Collecting core data in severely injured patients using a consensus trauma template: an international multicentre study. <i>Critical Care</i> , <b>2011</b> , 15, R237	10.8	29
27	An early warning? Universal risk scoring in emergency medicine. <i>Emergency Medicine Journal</i> , <b>2011</b> , 28, 263	1.5	16
26	Prediction of severe bacterial infection in children with an emergency department diagnosis of infection. <i>Emergency Medicine Journal</i> , <b>2011</b> , 28, 948-51	1.5	15
25	Protocol driven sepsis management--time for a rethink?. <i>Emergency Medicine Journal</i> , <b>2011</b> , 28, 459-60	1.5	
24	Nasal foreign bodies in children: kissing it better. <i>Emergency Medicine Journal</i> , <b>2010</b> , 27, 712-3	1.5	6
23	A revised Utstein Template for trauma. <i>Emergency Medicine Journal</i> , <b>2010</b> , 27, 339	1.5	5
22	Thoracic electrical bioimpedance: a tool to determine cardiac versus non-cardiac causes of acute dyspnoea in the emergency department. <i>Emergency Medicine Journal</i> , <b>2010</b> , 27, 359-63	1.5	6
21	Variability in management of early severe sepsis. <i>Emergency Medicine Journal</i> , <b>2010</b> , 27, 110-5	1.5	58
20	Management of bleeding following major trauma: an updated European guideline. <i>Critical Care</i> , <b>2010</b> , 14, R52	10.8	538
19	In an emergency--call the clinical librarian!. <i>Emergency Medicine Journal</i> , <b>2009</b> , 26, 321-3	1.5	6
18	Consent in emergency and resuscitation research. <i>European Journal of Emergency Medicine</i> , <b>2009</b> , 16, 242-3	2.3	4
17	The Utstein template for uniform reporting of data following major trauma: a joint revision by SCANTEM, TARN, DGU-TR and RITG. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2008</b> , 16, 7	3.6	174
16	Management of bleeding following major trauma: a European guideline. <i>Critical Care</i> , <b>2007</b> , 11, R17	10.8	278

15	Management of bleeding following major trauma: a European guideline. <i>Critical Care</i> , <b>2007</b> , 11, 414	10.8	25
14	Confident interpretation of Bayesian decision tree ensembles for clinical applications. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2007</b> , 11, 312-9		34
13	Interpretability of Bayesian Decision Trees Induced from Trauma Data. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 972-981	0.9	0
12	Diagnosis of subarachnoid haemorrhage following a negative computed tomography for acute headache: a Bayesian analysis. <i>European Journal of Emergency Medicine</i> , <b>2006</b> , 13, 80-3	2.3	21
11	Key issues in advanced bleeding care in trauma. <i>Shock</i> , <b>2006</b> , 26, 322-31	3.4	119
10	Subarachnoid haemorrhage: lumbar puncture for every negative scan?. <i>BMJ, The</i> , <b>2006</b> , 333, 396-7	5.9	2
9	Prehospital end-tidal carbon dioxide concentration and outcome in major trauma. <i>Journal of Trauma</i> , <b>2004</b> , 57, 65-8		46
8	Acute traumatic coagulopathy. <i>Journal of Trauma</i> , <b>2003</b> , 54, 1127-30		1152
7	Component Representation for Shock Qualified Foundation Structure. <i>Shock and Vibration</i> , <b>2003</b> , 10, 71-80	1.1	
6	Comparison of artificial intelligence techniques with UKTRISS for estimating probability of survival after trauma. UK Trauma and Injury Severity Score. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 51, 123-33	9.4	18
5	Prehospital resuscitative thoracotomy for cardiac arrest after penetrating trauma: rationale and case series. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 50, 670-3	9.4	86
4	The timing of disability measurements following injury. <i>Injury</i> , <b>2000</b> , 31, 93-8	2.5	31
3	Radiography versus spiral CT in the evaluation of cervicothoracic junction injuries in polytrauma patients who have undergone intubation. <i>Radiographics</i> , <b>2000</b> , 20 Spec No, S251-9; discussion S260-2	5.4	39
2	Identification of patients to include in trauma audit: a modification of the pre-chart. <i>Injury</i> , <b>1999</b> , 30, 677-9	2.5	1
1	Fat necks: modification of a standard surgical airway protocol in the pre-hospital environmental. <i>Resuscitation</i> , <b>1997</b> , 35, 253-4	4	14