

# Timothy J Coats

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8491160/publications.pdf>

Version: 2024-02-01

94  
papers

8,273  
citations

196777

29  
h-index

54771

88  
g-index

97  
all docs

97  
docs citations

97  
times ranked

7497  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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> , 2021, 89, 16-21.  | 1.1 | 5         |
| 2  | Diagnostic accuracy of the magnetocardiograph for patients with suspected acute coronary syndrome. <i>Emergency Medicine Journal</i> , 2021, 38, 47-52.   | 0.4 | 4         |
| 3  | Disposable paracetamol sensor based on electroactive molecularly imprinted polymer nanoparticles for plasma monitoring. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129128.   | 4.0 | 36        |
| 4  | 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> , 2021, 29, 6. | 1.1 | 15        |
| 5  | New Horizons in Understanding Appropriate Prehospital Identification and Trauma Triage for Older Adults. <i>Open Access Emergency Medicine</i> , 2021, Volume 13, 117-135.  | 0.6 | 4         |
| 6  | COVID-19 monthly top five. <i>Emergency Medicine Journal</i> , 2021, 38, 319-321.   | 0.4 | 0         |
| 7  | The future of acute and emergency care. <i>Future Healthcare Journal</i> , 2021, 8, e230-e236.  | 0.6 | 1         |
| 8  | A high-dose 24-hour tranexamic acid infusion for the treatment of significant gastrointestinal bleeding: HALT-IT RCT. <i>Health Technology Assessment</i> , 2021, 25, 1-86.   | 1.3 | 4         |
| 9  | Barriers and facilitators to implementing trauma registries in low- and middle-income countries: Qualitative experiences from Tanzania. <i>African Journal of Emergency Medicine</i> , 2020, 10, S23-S28.                                       | 0.4 | 9         |
| 10 | 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> , 2020, 10, e038022.                                    | 0.8 | 3         |
| 11 | Understanding the neuroprotective effect of tranexamic acid: an exploratory analysis of the CRASH-3 randomised trial. <i>Critical Care</i> , 2020, 24, 560.   | 2.5 | 24        |
| 12 | A consensus building exercise to determine research priorities for silver trauma. <i>BMC Emergency Medicine</i> , 2020, 20, 63.   | 0.7 | 14        |
| 13 | Out-of-Hospital Tranexamic Acid for Traumatic Brain Injury. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 946.   | 3.8 | 4         |
| 14 | The burden of trauma in Tanzania: Analysis of prospective trauma registry data at regional hospitals in Tanzania. <i>Injury</i> , 2020, 51, 2938-2945.  | 0.7 | 9         |
| 15 | Perceptions of health providers towards the use of standardised trauma form in managing trauma patients: a qualitative study from Tanzania. <i>Injury Epidemiology</i> , 2020, 7, 15.   | 0.8 | 3         |
| 16 | Blunt major trauma: now two different diseases?. <i>British Journal of Hospital Medicine (London)</i> , 2020, 10, 10-14.  | 0.2 | 3         |
| 17 | A look inside cardiopulmonary resuscitation: A 4D computed tomography model of simulated closed chest compression. A proof of concept. <i>Resuscitation</i> , 2020, 153, 149-153.   | 1.3 | 7         |
| 18 | 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> , 2020, 124, 676-683.                              | 1.5 | 26        |

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|----|---|------|-----------|
| 19 | The CRASH3 study: prehospital TXA for every injured patient?. Emergency Medicine Journal, 2020, 37, 392-394.  | 0.4  | 2         |
| 20 | Biological mechanisms and individual variation in fibrinolysis after major trauma. Emergency Medicine Journal, 2020, 37, 135-140.   | 0.4  | 13        |
| 21 | Need for a UK injury control strategy. Emergency Medicine Journal, 2020, 37, emermed-2020-209670.   | 0.4  | 1         |
| 22 | “Stealth trauma”™ in the young and the old: the next challenge for major trauma networks?. Emergency Medicine Journal, 2020, 37, 56-57.   | 0.4  | 6         |
| 23 | 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. BMC Emergency Medicine, 2020, 20, 29.  | 0.7  | 8         |
| 24 | The effect of constitutive pigmentation on the measured emissivity of human skin. PLoS ONE, 2020, 15, e0241843.   | 1.1  | 33        |
| 25 | Implementation of tranexamic acid for bleeding trauma patients: a longitudinal and cross-sectional study. Emergency Medicine Journal, 2019, 36, emermed-2018-207693.  | 0.4  | 15        |
| 26 | Tranexamic acid for acute gastrointestinal bleeding (the HALT-IT trial): statistical analysis plan for an international, randomised, double-blind, placebo-controlled trial. Trials, 2019, 20, 467.   | 0.7  | 12        |
| 27 | A week of pain in the emergency department. British Journal of Pain, 2018, 12, 58-63.   | 0.7  | 9         |
| 28 | What is the normal haemodynamic response to passive leg raise? A study of healthy volunteers. Emergency Medicine Journal, 2018, 35, 544-549.  | 0.4  | 9         |
| 29 | Changing the System - Major Trauma Patients and Their Outcomes in the NHS (England) 2008-17. EClinicalMedicine, 2018, 2-3, 13-21.   | 3.2  | 208       |
| 30 | Fluid therapy in the emergency department: an expert practice review. Emergency Medicine Journal, 2018, 35, 511-515.  | 0.4  | 14        |
| 31 | A pilot study of the Leicester ED medical infrared imaging protocol in fever and sepsis. PLoS ONE, 2018, 13, e0201562.  | 1.1  | 5         |
| 32 | The haemodynamic dilemma in emergency care: Is fluid responsiveness the answer? A systematic review. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2017, 25, 25.  | 1.1  | 17        |
| 33 | “Major trauma”™: now two separate diseases?. Emergency Medicine Journal, 2017, 34, 494-494.   | 0.4  | 11        |
| 34 | Early, Goal-Directed Therapy for Septic Shock – A Patient-Level Meta-Analysis. New England Journal of Medicine, 2017, 376, 2223-2234.   | 13.9 | 416       |
| 35 | Thoracic electrical bioimpedance versus suprasternal Doppler in emergency care. EMA - Emergency Medicine Australasia, 2017, 29, 391-393.  | 0.5  | 9         |
| 36 | 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. BMJ Open, 2017, 7, e016355. | 0.8  | 18        |

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|----|---|------|-----------|
| 37 | Tranexamic acid: there's new life in the old drug. <i>Emergency Medicine Journal</i> , 2016, 33, 524-524.   | 0.4  | 1         |
| 38 | The European guideline on management of major bleeding and coagulopathy following trauma: fourth edition. <i>Critical Care</i> , 2016, 20, 100.   | 2.5  | 1,014     |
| 39 | Valsalva using a syringe: pressure and variation. <i>Emergency Medicine Journal</i> , 2016, 33, 748-749.  | 0.4  | 11        |
| 40 | Author's response to "Valsalva manoeuvre using a syringe: physics and implications". <i>Emergency Medicine Journal</i> , 2016, 33, 832-832.   | 0.4  | 0         |
| 41 | Handling missing data in large healthcare dataset: A case study of unknown trauma outcomes. <i>Computers in Biology and Medicine</i> , 2016, 75, 203-216.   | 3.9  | 39        |
| 42 | Real-time analysis of exhaled volatile organic compounds (eVOC) in wheezy preschool children. , 2016, , .   |      | 0         |
| 43 | A qualitative study of self-evaluation of junior doctor performance: is perceived "safety" a more useful metric than confidence and competence?. <i>BMJ Open</i> , 2015, 5, e008521.  | 0.8  | 13        |
| 44 | A profile of suspected child abuse as a subgroup of major trauma patients. <i>Emergency Medicine Journal</i> , 2015, 32, 921-925.   | 0.4  | 44        |
| 45 | Good clinical practice in trauma care research: Considerations for inter-hospital patient transfers. <i>International Emergency Nursing</i> , 2015, 23, 42-44.  | 0.6  | 4         |
| 46 | Trial of Early, Goal-Directed Resuscitation for Septic Shock. <i>New England Journal of Medicine</i> , 2015, 372, 1301-1311.  | 13.9 | 1,299     |
| 47 | Emergency medical services interval and mortality in significant head injury. <i>European Journal of Emergency Medicine</i> , 2015, 22, 42-48.  | 0.5  | 4         |
| 48 | Early, Goal-Directed Resuscitation for Septic Shock. <i>New England Journal of Medicine</i> , 2015, 373, 576-578.   | 13.9 | 11        |
| 49 | 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> , 2015, 19, 1-150. | 1.3  | 80        |
| 50 | The effectiveness of specialist neuroscience care in severe traumatic brain injury: A systematic review. <i>British Journal of Neurosurgery</i> , 2014, 28, 452-460.  | 0.4  | 13        |
| 51 | Do Prolonged Primary Transport Times for Traumatic Brain Injury Patients Result in Deteriorating Physiology? A Cohort Study. <i>Prehospital Emergency Care</i> , 2014, 18, 60-67.   | 1.0  | 9         |
| 52 | HALT-IT - tranexamic acid for the treatment of gastrointestinal bleeding: study protocol for a randomised controlled trial. <i>Trials</i> , 2014, 15, 450.  | 0.7  | 79        |
| 53 | Intravenous or nebulised magnesium sulphate versus standard therapy for severe acute asthma (3Mg) Tj ETQq1 1 0.784314 ggBT /Overl<br>5.2 58   |      |           |
| 54 | Management of bleeding and coagulopathy following major trauma: an updated European guideline. <i>Critical Care</i> , 2013, 17, R76.  | 2.5  | 780       |

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|----|---|-----|-----------|
| 55 | The STOP the Bleeding Campaign. <i>Critical Care</i> , 2013, 17, 136.   | 2.5 | 75        |
| 56 | Recruiting to "time and target"™ in emergency care research. <i>Emergency Medicine Journal</i> , 2013, 30, 609-610.   | 0.4 | 4         |
| 57 | Positive computed tomography rate for lone acute severe headache. <i>European Journal of Emergency Medicine</i> , 2013, 20, 141-142.  | 0.5 | 0         |
| 58 | The revised Clinical Trials Directive " a threat to emergency care research in Europe?. <i>European Journal of Emergency Medicine</i> , 2013, 20, 149-150.                            | 0.5 | 4         |
| 59 | Barriers, regulations and solutions in emergency surgery research. <i>British Journal of Surgery</i> , 2013, 101, e3-e4.  | 0.1 | 10        |
| 60 | The prognostic value of tissue oxygen saturation in emergency department patients with severe sepsis or septic shock. <i>Emergency Medicine Journal</i> , 2012, 29, 699-703.          | 0.4 | 32        |
| 61 | Recent massive blood transfusion practice in England and Wales: view from a trauma registry. <i>Emergency Medicine Journal</i> , 2012, 29, 118-123.                                   | 0.4 | 26        |
| 62 | Effect of tranexamic acid on mortality in patients with traumatic bleeding: prespecified analysis of data from randomised controlled trial. <i>BMJ</i> , The, 2012, 345, e5839-e5839. | 3.0 | 120       |
| 63 | Collecting core data in severely injured patients using a consensus trauma template: an international multicentre study. <i>Critical Care</i> , 2011, 15, R237.                       | 2.5 | 38        |
| 64 | Comparison of Mortality Following Hospitalisation for Isolated Head Injury in England and Wales, and Victoria, Australia. <i>PLoS ONE</i> , 2011, 6, e20545.                          | 1.1 | 20        |
| 65 | The Effect of Specialist Neurosciences Care on Outcome in Adult Severe Head Injury. <i>Journal of Neurosurgical Anesthesiology</i> , 2011, 23, 198-205.                               | 0.6 | 44        |
| 66 | The Effect of an Organized Trauma System on Mortality in Major Trauma Involving Serious Head Injury. <i>Annals of Surgery</i> , 2011, 253, 138-143.                                   | 2.1 | 89        |
| 67 | An early warning? Universal risk scoring in emergency medicine. <i>Emergency Medicine Journal</i> , 2011, 28, 263-263.  | 0.4 | 21        |
| 68 | Future research in emergency medicine: explanation or pragmatism? Large or small? Simple or complex?. <i>Emergency Medicine Journal</i> , 2011, 28, 1004-1007.                        | 0.4 | 5         |
| 69 | Prediction of severe bacterial infection in children with an emergency department diagnosis of infection. <i>Emergency Medicine Journal</i> , 2011, 28, 948-951.                      | 0.4 | 18        |
| 70 | Protocol driven sepsis management--time for a rethink?. <i>Emergency Medicine Journal</i> , 2011, 28, 459-460.  | 0.4 | 0         |
| 71 | Nasal foreign bodies in children: kissing it better. <i>Emergency Medicine Journal</i> , 2010, 27, 712-713.   | 0.4 | 7         |
| 72 | A revised Utstein template for trauma. <i>Emergency Medicine Journal</i> , 2010, 27, 339-339.   | 0.4 | 6         |

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|----|---|-----|-----------|
| 73 | Thoracic electrical bioimpedance: a tool to determine cardiac versus non-cardiac causes of acute dyspnoea in the emergency department. <i>Emergency Medicine Journal</i> , 2010, 27, 359-363.                             | 0.4 | 9         |
| 74 | Variability in management of early severe sepsis. <i>Emergency Medicine Journal</i> , 2010, 27, 110-115.  | 0.4 | 66        |
| 75 | Management of bleeding following major trauma: an updated European guideline. <i>Critical Care</i> , 2010, 14, R52.   | 2.5 | 694       |
| 76 | In an emergency--call the clinical librarian!. <i>Emergency Medicine Journal</i> , 2009, 26, 321-323.   | 0.4 | 7         |
| 77 | Consent in emergency and resuscitation research. <i>European Journal of Emergency Medicine</i> , 2009, 16, 242-243.   | 0.5 | 5         |
| 78 | 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> , 2008, 16, 7. | 1.1 | 233       |
| 79 | Management of bleeding following major trauma: a European guideline. <i>Critical Care</i> , 2007, 11, R17.  | 2.5 | 352       |
| 80 | Management of bleeding following major trauma: a European guideline. <i>Critical Care</i> , 2007, 11, 414.  | 2.5 | 30        |
| 81 | Confident Interpretation of Bayesian Decision Tree Ensembles for Clinical Applications. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2007, 11, 312-319.  | 3.6 | 43        |
| 82 | Diagnosis of subarachnoid haemorrhage following a negative computed tomography for acute headache: a Bayesian analysis. <i>European Journal of Emergency Medicine</i> , 2006, 13, 80-83.                                  | 0.5 | 23        |
| 83 | KEY ISSUES IN ADVANCED BLEEDING CARE IN TRAUMA. <i>Shock</i> , 2006, 26, 322-331.   | 1.0 | 137       |
| 84 | Interpretability of Bayesian Decision Trees Induced from Trauma Data. <i>Lecture Notes in Computer Science</i> , 2006, , 972-981.   | 1.0 | 1         |
| 85 | Subarachnoid haemorrhage: lumbar puncture for every negative scan?. <i>BMJ: British Medical Journal</i> , 2006, 333, 396.3-397.   | 2.4 | 2         |
| 86 | Prehospital End-Tidal Carbon Dioxide Concentration and Outcome in Major Trauma. <i>Journal of Trauma</i> , 2004, 57, 65-68.   | 2.3 | 57        |
| 87 | Acute Traumatic Coagulopathy. <i>Journal of Trauma</i> , 2003, 54, 1127-1130.   | 2.3 | 1,421     |
| 88 | Component Representation for Shock Qualified Foundation Structure. <i>Shock and Vibration</i> , 2003, 10, 71-80.  | 0.3 | 0         |
| 89 | Comparison of Artificial Intelligence Techniques with UKTRISS for Estimating Probability of Survival after Trauma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 51, 123-133.                         | 1.1 | 22        |
| 90 | Prehospital Resuscitative Thoracotomy for Cardiac Arrest after Penetrating Trauma: Rationale and Case Series. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 50, 670-673.                              | 1.1 | 114       |

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|----|---|-----|-----------|
| 91 | The timing of disability measurements following injury. <i>Injury</i> , 2000, 31, 93-98.  | 0.7 | 33        |
| 92 | Radiography versus Spiral CT in the Evaluation of Cervicothoracic Junction Injuries in Polytrauma Patients Who Have Undergone Intubation. <i>Radiographics</i> , 2000, 20, S251-S259. | 1.4 | 51        |
| 93 | Identification of patients to include in trauma audit: a modification of the pre-chart. <i>Injury</i> , 1999, 30, 677-679.  | 0.7 | 1         |
| 94 | Fat necks: Modification of a standard surgical airway protocol in the pre-hospital environment. <i>Resuscitation</i> , 1997, 35, 253-254.   | 1.3 | 17        |