Toby Richards

List of Publications by Year in descending order

87 papers	4,276 citations	136885 32 h-index	114418 63 g-index
90 all docs	90 docs citations	90 times ranked	4798 citing authors

#	Article	IF	Citations
1	Preoperative anaemia and postoperative outcomes in non-cardiac surgery: a retrospective cohort study. Lancet, The, 2011, 378, 1396-1407.	6.3	1,007
2	Preoperative intravenous iron to treat anaemia before major abdominal surgery (PREVENTT): a randomised, double-blind, controlled trial. Lancet, The, 2020, 396, 1353-1361.	6.3	209
3	Patient Blood Management Bundles to Facilitate Implementation. Transfusion Medicine Reviews, 2017, 31, 62-71.	0.9	181
4	Integrative Modeling of Quantitative Plasma Lipoprotein, Metabolic, and Amino Acid Data Reveals a Multiorgan Pathological Signature of SARS-CoV-2 Infection. Journal of Proteome Research, 2020, 19, 4442-4454.	1.8	142
5	Smoking and the Risk of Mortality and Vascular and Respiratory Events in Patients Undergoing Major Surgery. JAMA Surgery, 2013, 148, 755.	2.2	140
6	British Committee for Standards in Haematology Guidelines on the Identification and Management of Preâ€Operative Anaemia. British Journal of Haematology, 2015, 171, 322-331.	1.2	130
7	Superparamagnetic iron oxide nanoparticle targeting of MSCs in vascular injury. Biomaterials, 2013, 34, 1987-1994.	5.7	124
8	Restenosis and risk of stroke after stenting or endarterectomy for symptomatic carotid stenosis in the International Carotid Stenting Study (ICSS): secondary analysis of a randomised trial. Lancet Neurology, The, 2018, 17, 587-596.	4.9	114
9	The Prevalence and Impact of Heavy Menstrual Bleeding (Menorrhagia) in Elite and Non-Elite Athletes. PLoS ONE, 2016, 11, e0149881.	1.1	106
10	Intravenous iron or placebo for anaemia in intensive care: the IRONMAN multicentre randomized blinded trial. Intensive Care Medicine, 2016, 42, 1715-1722.	3.9	103
11	Perioperative Patient Blood Management to Improve Outcomes. Anesthesia and Analgesia, 2018, 127, 1211-1220.	1.1	91
12	The impact of anaemia and intravenous iron replacement therapy on outcomes in cardiac surgery. European Journal of Cardio-thoracic Surgery, 2015, 47, 218-226.	0.6	88
13	Incomplete Systemic Recovery and Metabolic Phenoreversion in Post-Acute-Phase Nonhospitalized COVID-19 Patients: Implications for Assessment of Post-Acute COVID-19 Syndrome. Journal of Proteome Research, 2021, 20, 3315-3329.	1.8	85
14	Is iron treatment beneficial in, iron-deficient but non-anaemic (IDNA) endurance athletes? A systematic review and meta-analysis. British Journal of Sports Medicine, 2015, 49, 1389-1397.	3.1	81
15	Systemic Perturbations in Amine and Kynurenine Metabolism Associated with Acute SARS-CoV-2 Infection and Inflammatory Cytokine Responses. Journal of Proteome Research, 2021, 20, 2796-2811.	1.8	81
16	Impact of Preoperative Anaemia and Blood Transfusion on Postoperative Outcomes in Gynaecological Surgery. PLoS ONE, 2015, 10, e0130861.	1.1	80
17	Expansion of the red cell distribution width and evolving iron deficiency as predictors of poor outcome in chronic heart failure. International Journal of Cardiology, 2013, 168, 1997-2002.	0.8	72
18	Investigating Vulnerable Atheroma Using Combined ¹⁸F-FDG PET/CT Angiography of Carotid Plaque with Immunohistochemical Validation. Journal of Nuclear Medicine, 2011, 52, 1698-1703.	2.8	69

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19	A prospective observational cohort study to identify the causes of anaemia and association with outcome in cardiac surgical patients. Heart, 2015, 101, 107-112.	1.2	68
20	Hemoglobin concentration, total hemoglobin mass and plasma volume in patients: implications for anemia. Haematologica, 2017, 102, 1477-1485.	1.7	67
21	PREVENTT: preoperative intravenous iron to treat anaemia in major surgery: study protocol for a randomised controlled trial. Trials, 2015, 16, 254.	0.7	61
22	NMR Spectroscopic Windows on the Systemic Effects of SARS-CoV-2 Infection on Plasma Lipoproteins and Metabolites in Relation to Circulating Cytokines. Journal of Proteome Research, 2021, 20, 1382-1396.	1.8	61
23	â€œSimplified International Recommendations for the Implementation of Patient Blood Managementâ€• (SIR4PBM). Perioperative Medicine (London, England), 2017, 6, 5.	0.6	60
24	Systematic review and metaâ€•analysis of iron therapy in anaemic adults without chronic kidney disease: updated and abridged Cochrane review. European Journal of Heart Failure, 2016, 18, 774-785.	2.9	58
25	Haemoglobin concentration and mass as determinants of exercise performance and of surgical outcome. Extreme Physiology and Medicine, 2013, 2, 33.	2.5	52
26	Effect of Intravenous Iron on Aerobic Capacity and Iron Metabolism in Elite Athletes. Medicine and Science in Sports and Exercise, 2015, 47, 1399-1407.	0.2	52
27	Systematic review and consensus definitions for the Standardized Endpoints in Perioperative Medicine (StEP) initiative: cardiovascular outcomes. British Journal of Anaesthesia, 2021, 126, 56-66.	1.5	51
28	Patient blood management interventions do not lead to important clinical benefits or cost-effectiveness for major surgery: a network meta-analysis. British Journal of Anaesthesia, 2021, 126, 149-156.	1.5	50
29	Natural history of the common iliac artery in the presence of an abdominal aortic aneurysm. Journal of Vascular Surgery, 2009, 49, 881-885.	0.6	44
30	Preoperative intravenous iron before cardiac surgery: a prospective multicentre feasibility study. British Journal of Anaesthesia, 2020, 124, 243-250.	1.5	44
31	Diffusion and Relaxation Edited Proton NMR Spectroscopy of Plasma Reveals a High-Fidelity Supramolecular Biomarker Signature of SARS-CoV-2 Infection. Analytical Chemistry, 2021, 93, 3976-3986.	3.2	43
32	Iron therapy in anaemic adults without chronic kidney disease. The Cochrane Library, 2014, , CD010640.	1.5	42
33	Quantitative In-Vitro Diagnostic NMR Spectroscopy for Lipoprotein and Metabolite Measurements in Plasma and Serum: Recommendations for Analytical Artifact Minimization with Special Reference to COVID-19/SARS-CoV-2 Samples. Journal of Proteome Research, 2020, 19, 4428-4441.	1.8	39
34	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine (StEP) initiative: infection and sepsis. British Journal of Anaesthesia, 2019, 122, 500-508.	1.5	34
35	A prospective, multicentre study on the use of epidermal grafts to optimise outpatient wound management. International Wound Journal, 2017, 14, 241-249.	1.3	31
36	Magnetic cell delivery for peripheral arterial disease: A theoretical framework. Medical Physics, 2011, 38, 3932-3943.	1.6	29

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37	Epidermal grafting versus split-thickness skin grafting for wound healing (EPIGRAAFT): study protocol for a randomised controlled trial. Trials, 2016, 17, 245.	0.7	28
38	Epidermal grafting for wound healing: a review on the harvesting systems, the ultrastructure of the graft and the mechanism of wound healing. International Wound Journal, 2017, 14, 16-23.	1.3	28
39	Questions and answers on iron deficiency treatment selection and the use of intravenous iron in routine clinical practice. Annals of Medicine, 2021, 53, 274-285.	1.5	28
40	PET/CT Imaging of Unstable Carotid Plaque with ⁶⁸Ga-Labeled Somatostatin Receptor Ligand. Journal of Nuclear Medicine, 2017, 58, 774-780.	2.8	27
41	Low Volume in Vitro Diagnostic Proton NMR Spectroscopy of Human Blood Plasma for Lipoprotein and Metabolite Analysis: Application to SARS-CoV-2 Biomarkers. Journal of Proteome Research, 2021, 20, 1415-1423.	1.8	24
42	The UK Cardiac and Vascular Surgery Interventional Anaemia Response (CAVIAR) Study: protocol for an observational cohort study to determine the impact and effect of preoperative anaemia management in cardiac and vascular surgical patients. BMJ Open, 2017, 7, e014872.	0.8	21
43	Changes in the extracellular matrix surrounding human chronic wounds revealed by 2â€photon imaging. International Wound Journal, 2017, 14, 1225-1236.	1.3	18
44	Groin wound infection after vascular exposure (<scp>GIVE</scp>) multicentre cohort study. International Wound Journal, 2021, 18, 164-175.	1.3	18
45	Association between preoperative haemoglobin concentration and cardiopulmonary exercise variables: a multicentre study. Perioperative Medicine (London, England), 2013, 2, 18.	0.6	16
46	Hepcidin predicts response to IV iron therapy in patients admitted to the intensive care unit: a nested cohort study. Journal of Intensive Care, 2018, 6, 60.	1.3	16
47	Postoperative anaemia and patient-centred outcomes after major abdominal surgery: a retrospective cohort study. British Journal of Anaesthesia, 2022, 129, 346-354.	1.5	15
48	Associations between non-anaemic iron deficiency and outcomes following elective cardiac surgery (IDOCS): a prospective cohort study. Lancet Haematology,the, 2022, 9, e514-e522.	2.2	15
49	Blood Transfusion Requirement and Not Preoperative Anemia Are Associated with Perioperative Complications Following Intracorporeal Robot-Assisted Radical Cystectomy. Journal of Endourology, 2017, 31, 141-148.	1.1	14
50	The CelluTome epidermal graftâ€harvesting system: a patientâ€reported outcome measure and cost evaluation study. International Wound Journal, 2017, 14, 555-560.	1.3	13
51	Perioperative Anemia Management. Seminars in Thrombosis and Hemostasis, 2020, 46, 008-016.	1.5	13
52	Intravenous iron to treat anaemia following critical care: a multicentre feasibility randomised trial. British Journal of Anaesthesia, 2022, 128, 272-282.	1.5	13
53	Future of Vascular Surgical Training: The Trainees' Views. Annals of the Royal College of Surgeons of England, 2008, 90, 96-99.	0.3	12
54	Long Term Restenosis Rate After Carotid Endarterectomy: Comparison of Three Surgical Techniques and Intra-Operative Shunt Use. European Journal of Vascular and Endovascular Surgery, 2021, 62, 513-521.	0.8	12

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55	The use of epidermal grafting for the management of acute wounds in the outpatient setting. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2015, 68, 1317-1318.	0.5	11
56	Replicating measurements of total hemoglobin mass (tHb-mass) within a single day: precision of measurement; feasibility and safety of using oxygen to expedite carbon monoxide clearance. Physiological Reports, 2018, 6, e13829.	0.7	10
57	The prevalence and impact of heavy menstrual bleeding among athletes and mass start runners of the 2015 London Marathon. British Journal of Sports Medicine, 2016, 50, 566-566.	3.1	9
58	Systematic review and metaâ€analysis of the efficacy of epidermal grafting for wound healing. International Wound Journal, 2017, 14, 921-928.	1.3	9
59	Development and feasibility of a Patient Blood Management implementation programme in vascular surgery. Vascular Medicine, 2020, 25, 41-46.	0.8	9
60	Preoperative intravenous iron for anaemia in elective major open abdominal surgery: the PREVENTT RCT. Health Technology Assessment, 2021, 25, 1-58.	1.3	9
61	Epidermal graft encourages wound healing by downâ€regulation of gap junctional protein and activation of wound bed without graft integration as opposed to splitâ€thickness skin graft. International Wound Journal, 2021, 18, 332-341.	1.3	9
62	Groin Wound Infection after Vascular Exposure (GIVE) Risk Prediction Models: Development, Internal Validation, and Comparison with Existing Risk Prediction Models Identified in a Systematic Literature Review. European Journal of Vascular and Endovascular Surgery, 2021, 62, 258-266.	0.8	9
63	Preoperative Hematocrit Concentration and the Risk of Stroke in Patients Undergoing Isolated Coronary-Artery Bypass Grafting. Anemia, 2013, 2013, 1-7.	0.5	7
64	Extracellular matrix and cellular senescence in venous leg ulcers. Scientific Reports, 2021, 11, 20168.	1.6	7
65	Anaemia in hospital practice. British Journal of Hospital Medicine (London, England: 2005), 2012, 73, 571-575.	0.2	6
66	The need to screen for anemia in exercising women. Medicine (United States), 2021, 100, e27271.	0.4	5
67	The IRONMAN trial: a protocol for a multicentre randomised placebo-controlled trial of intravenous iron in intensive care unit patients with anaemia. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2014, 16, 285-90.	0.0	5
68	Protocol for a systematic review of the efficacy of epidermal grafting for wound healing. Systematic Reviews, 2016, 5, 92.	2.5	4
69	Epidermal Graft Accelerates the Healing of Acute Wound. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e1119.	0.3	4
70	Lower donor site morbidity and higher patient satisfaction with epidermal grafting in comparison to split thickness skin grafting: A randomized controlled trial (EPIGRAAFT Trial). Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 1556-1564.	0.5	4
71	Preoperative intravenous iron for cardiac surgery. Lancet, The, 2020, 396, 1883-1884.	6.3	4
72	Preoperative patient blood management during the SARSâ€CoVâ€2 pandemic. British Journal of Haematology, 2021, 193, 1087-1092.	1.2	4

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73	Postoperative variations in anaemia treatment and transfusions (POSTVenTT): protocol for a prospective multicentre observational cohort study of anaemia after major abdominal surgery. Colorectal Disease, 2022, 24, 228-234.	0.7	4
74	Management of the patient presenting with anaemia in the preoperative setting. Transfusion and Apheresis Science, 2019, 58, 392-396.	0.5	3
75	Iron deficiency in PREVENTT â€“ Authors' reply. Lancet, The, 2021, 397, 670.	6.3	3
76	Rationale and design of the intravenous iron for treatment of anemia before cardiac surgery trial. American Heart Journal, 2021, 239, 64-72.	1.2	3
77	Hematinic and Iron Optimization in Peri-operative Anemia and Iron Deficiency. Current Anesthesiology Reports, 2022, 12, 65-77.	0.9	3
78	Elevated Hematocrit Concentration and the Risk of Mortality and Vascular Events in Patients Undergoing Major Surgery.. Blood, 2012, 120, 2088-2088.	0.6	2
79	Income Deprivation and Groin Wound Surgical Site Infection: Cross-Sectional Analysis from the Groin Wound Infection after Vascular Exposure Multicenter Cohort Study. Surgical Infections, 2022, 23, 73-83.	0.7	2
80	CArdiovaSCulAr outcomes after major abDominal surgEry: study protocol for a multicentre, observational, prospective, international audit of postoperative cardiac complications after major abdominal surgery. British Journal of Anaesthesia, 2022, 128, e324-e327.	1.5	2
81	A staged approach to treating oropharyngeal venous malformation. Phlebology, 2016, 31, 438-439.	0.6	1
82	Bringing women into the spotlight: the impact of preoperative anemia in gynecological surgery. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 211, 212.	0.5	1
83	Re: Dipen J. Parekh, Isidinha M. Reis, Erik P. Castle, et al. Robot-assisted Radical Cystectomy Versus Open Radical Cystectomy in Patients with Bladder Cancer (RAZOR): An Open-label, Randomised, Phase 3, Non-inferiority Trial. Lancet 2018;391:2525â€“36. European Urology, 2019, 75, e36.	0.9	1
84	Non-erythropoiesis-stimulating agent, non-iron therapies for the management of anaemia: protocol for a scoping review. BMJ Open, 2022, 12, e059059.	0.8	1
85	Comment on â€œPreoperative Anemia: Hiding in Plain Sightâ€• Annals of Surgery, 2019, 270, e31.	2.1	0
86	Surgeons' view of the preoperative intravenous iron to treat anaemia before major abdominal surgery trial. Response to Br J Anaesth 2021; 126: e84â€“6. British Journal of Anaesthesia, 2021, 126, e203-e204.	1.5	0
87	Letter to the editor in response to â€˜The dynamic effects of preoperative intravenous iron in anaemic patients undergoing surgery for colorectal cancerâ€™. Colorectal Disease, 2021, 23, 3024.	0.7	0