

Colin Royse

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,189
citations

257450

24
h-index

233421

45
g-index

75
all docs

75
docs citations

75
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective randomized trial of high thoracic epidural analgesia for coronary artery bypass surgery. <i>Annals of Thoracic Surgery</i> , 2003, 75, 93-100.	1.3	157
2	The influence of propofol or desflurane on postoperative cognitive dysfunction in patients undergoing coronary artery bypass surgery*. <i>Anaesthesia</i> , 2011, 66, 455-464.	3.8	121
3	Core Review. <i>Anesthesia and Analgesia</i> , 2012, 115, 1007-1028.	2.2	112
4	The impact on cardiac diagnosis and mortality of focused transthoracic echocardiography in hip fracture surgery patients with increased risk of cardiac disease: a retrospective cohort study. <i>Anaesthesia</i> , 2012, 67, 1202-1209.	3.8	106
5	Postoperative radial artery angiography for coronary artery bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2000, 17, 294-304.	1.4	105
6	The impact of focused transthoracic echocardiography in the preoperative clinic. <i>Anaesthesia</i> , 2012, 67, 618-625.	3.8	105
7	The impact of preoperative focused transthoracic echocardiography in emergency noncardiac surgery patients with known or risk of cardiac disease. <i>Anaesthesia</i> , 2012, 67, 714-720.	3.8	95
8	Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus. <i>Critical Care</i> , 2020, 24, 702.	5.8	93
9	Radial artery harvest technique, use and functional outcome1. <i>European Journal of Cardio-thoracic Surgery</i> , 1999, 15, 186-193.	1.4	88
10	Routine immediate extubation after cardiac operation: a review of our first 100 patients. <i>Annals of Thoracic Surgery</i> , 1999, 68, 1326-1329.	1.3	83
11	Blood flow in composite arterial grafts and effect of native coronary flow. <i>Annals of Thoracic Surgery</i> , 1999, 68, 1619-1622.	1.3	82
12	Reduced neuropsychological dysfunction using epiaortic echocardiography and the exclusive Y graft. <i>Annals of Thoracic Surgery</i> , 2000, 69, 1431-1438.	1.3	82
13	Risk Factors for Sternal Complications After Cardiac Operations: A Systematic Review. <i>Annals of Thoracic Surgery</i> , 2016, 102, 2109-2117.	1.3	70
14	Exclusive Y graft operation for multivessel coronary revascularization. <i>Annals of Thoracic Surgery</i> , 1999, 68, 1612-1618.	1.3	65
15	Point of care ultrasound for basic haemodynamic assessment: novice compared with an expert operator. <i>Anaesthesia</i> , 2006, 61, 849-855.	3.8	61
16	Memory Impairment in Rats after Desflurane Anesthesia is Age and Dose Dependent. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 995-1005.	2.6	44
17	The Myocardial and Vascular Effects of Bupivacaine, Levobupivacaine, and Ropivacaine Using Pressure Volume Loops. <i>Anesthesia and Analgesia</i> , 2005, 101, 679-687.	2.2	35
18	Total arterial coronary revascularization and factors influencing in-hospital mortality. <i>European Journal of Cardio-thoracic Surgery</i> , 1999, 16, 499-505.	1.4	34

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19	The effect on survival from the use of a saphenous vein graft during coronary bypass surgery: a large cohort study. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 1093-1100.	1.4	32
20	A bedside clinical and ultrasound-based approach to hemodynamic instability - Part II: bedside ultrasound in hemodynamic shock: Continuing Professional Development. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 1008-1027.	1.6	31
21	Harvest of the radial artery for coronary artery surgery preserves maximal blood flow of the forearm. <i>Annals of Thoracic Surgery</i> , 2004, 78, 539-542.	1.3	30
22	Review article: Clinical impact of non-cardiologist-performed transthoracic echocardiography in emergency medicine, intensive care medicine and anaesthesia. <i>EMA - Emergency Medicine Australasia</i> , 2013, 25, 4-12.	1.1	28
23	Standard restrictive sternal precautions and modified sternal precautions had similar effects in people after cardiac surgery via median sternotomy (SMART Trial): a randomised trial. <i>Journal of Physiotherapy</i> , 2018, 64, 97-106.	1.7	27
24	Automatic deep learning-based pleural effusion classification in lung ultrasound images for respiratory pathology diagnosis. <i>Physica Medica</i> , 2021, 83, 38-45.	0.7	26
25	A proposed lung ultrasound and phenotypic algorithm for the care of COVID-19 patients with acute respiratory failure. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1393-1404.	1.6	26
26	A review of diagnostic accuracy and clinical impact from the focused use of perioperative ultrasound. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 371-380.	1.6	22
27	The influence of prolonged intensive care stay on quality of life, recovery, and clinical outcomes following cardiac surgery: A prospective cohort study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1906-1915.e3.	0.8	22
28	Interatrial Septum Motion but Not Doppler Assessment Predicts Elevated Pulmonary Capillary Wedge Pressure in Patients Undergoing Cardiac Surgery. <i>Anesthesiology</i> , 2014, 121, 719-729.	2.5	20
29	Functional comparison of anaesthetic agents during myocardial ischaemia-reperfusion using pressure-volume loops. <i>British Journal of Anaesthesia</i> , 2009, 103, 654-664.	3.4	19
30	Survey of the training and use of echocardiography and lung ultrasound in Australasian intensive care units. <i>Critical Care</i> , 2016, 20, 339.	5.8	18
31	Evaluation of echocardiography indices of systolic function: a comparative study using pressure-volume loops in patients undergoing coronary artery bypass surgery. <i>Anaesthesia</i> , 2007, 62, 109-116.	3.8	17
32	Diaphragmatic regional displacement assessed by ultrasound and correlated to subphrenic organ movement in the critically ill patients-an observational study. <i>Journal of Critical Care</i> , 2015, 30, 439.e7-439.e13.	2.2	17
33	The Sternal Management Accelerated Recovery Trial (S.M.A.R.T) - standard restrictive versus an intervention of modified sternal precautions following cardiac surgery via median sternotomy: study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 290.	1.6	17
34	Tissue Doppler, Strain, and Strain Rate Echocardiography: Principles and Potential Perioperative Applications. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 583-593.	1.3	16
35	Effect of Midazolam in Addition to Propofol and Opiate Sedation on the Quality of Recovery After Colonoscopy: A Randomized Clinical Trial. <i>Anesthesia and Analgesia</i> , 2020, 131, 741-750.	2.2	16
36	Management of diastolic heart failure following cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 241-249.	1.4	15

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37	Bedside clinical and ultrasound-based approaches to the management of hemodynamic instability - Part I: focus on the clinical approach: Continuing Professional Development. Canadian Journal of Anaesthesia, 2014, 61, 843-864.	1.6	15
38	High thoracic epidural analgesia reduces the risk of long-term depression in patients undergoing coronary artery bypass surgery. Annals of Thoracic and Cardiovascular Surgery, 2007, 13, 32-5.	0.8	15
39	Motion at the Sternal Edges During Upper Limb and Trunk Tasks In-Vivo as Measured by Real-Time Ultrasound Following Cardiac Surgery: A Three-Month Prospective, Observational Study. Heart Lung and Circulation, 2019, 28, 1283-1291.	0.4	14
40	No Late Ulnar Artery Atheroma After Radial Artery Harvest for Coronary Artery Bypass Surgery. Annals of Thoracic Surgery, 2008, 85, 891-894.	1.3	13
41	Mortality in caRdIAc surgery (MYRIAD): A randomized controlled trial of volatile anesthetics. Rationale and design. Contemporary Clinical Trials, 2017, 59, 38-43.	1.8	13
42	Patency of conduits in patients who received internal mammary artery, radial artery and saphenous vein grafts. BMC Cardiovascular Disorders, 2020, 20, 148.	1.7	13
43	The accuracy of transoesophageal echocardiography in estimating pulmonary capillary wedge pressure in anaesthetised patients. Anaesthesia, 2012, 67, 122-131.	3.8	12
44	Resistance Training Following Median Sternotomy: A Systematic Review and Meta-Analysis. Heart Lung and Circulation, 2019, 28, 1549-1559.	0.4	12
45	Comparison of learning outcomes for teaching focused cardiac ultrasound to physicians: A supervised human model course versus an eLearning guided self-directed simulator course. Journal of Critical Care, 2019, 49, 38-44.	2.2	12
46	Acute Repair of Traumatic Tricuspid Valve Regurgitation Aided by Three-Dimensional Echocardiography. Heart Lung and Circulation, 2011, 20, 237-240.	0.4	11
47	Clinical Impact of Point-of-Care Ultrasound in Internal Medicine Inpatients: A Systematic Review. Ultrasound in Medicine and Biology, 2022, 48, 170-179.	1.5	11
48	Substernal epicardial echocardiography: A recommended examination sequence and clinical evaluation in patients undergoing cardiac surgery. Annals of Thoracic Surgery, 2004, 78, 613-619.	1.3	10
49	A matter of perspective " Objective versus subjective outcomes in the assessment of quality of recovery. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2018, 32, 287-294.	4.0	10
50	Impact of point-of-care ultrasound on the hospital length of stay for internal medicine inpatients with cardiopulmonary diagnosis at admission: study protocol of a randomized controlled trial—the IMFCU-1 (Internal Medicine Focused Clinical Ultrasound) study. Trials, 2020, 21, 53.	1.6	10
51	Epidurals for Cardiac Surgery. Anesthesiology, 2011, 114, 232-233.	2.5	10
52	Exercise Parameters and Outcome Measures Used in Cardiac Rehabilitation Programs Following Median Sternotomy in the Elderly: A Systematic Review and Meta-Analysis. Heart Lung and Circulation, 2019, 28, 1560-1570.	0.4	8
53	An accidental mass. Lancet, The, 2011, 377, 1806.	13.7	7
54	A randomized trial of desflurane or sevoflurane on postoperative quality of recovery after knee arthroscopy. PLoS ONE, 2019, 14, e0220733.	2.5	7

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55	Routine Intraoperative Inhaled Milrinone and Iloprost Reduces Inotrope Use in Patients Undergoing Cardiac Surgery: A Retrospective Cohort Pilot Study. <i>Anesthesia and Analgesia</i> , 2020, 131, 527-536.	2.2	7
56	Tissue Doppler Em and Instantaneous End-diastolic Stiffness: Validation Against Pressure-Volume Loops in Patients Undergoing Coronary Artery Bypass Surgery. <i>Heart Lung and Circulation</i> , 2011, 20, 223-230.	0.4	6
57	Is Depth of Anesthesia, as Assessed by the Bispectral Index, Related to Postoperative Cognitive Dysfunction and Recovery?. <i>Anesthesia and Analgesia</i> , 2007, 104, 1297.	2.2	5
58	Routine assessment of coeliac axis and renal artery flow is not feasible with transoesophageal echocardiography. <i>Anaesthesia</i> , 2009, 64, 103-104.	3.8	5
59	Approaches to the measurement of post-operative recovery. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018, 32, 269-276.	4.0	5
60	Effects of 12-Week Supervised Early Resistance Training (SEcReT) Versus Aerobic-Based Rehabilitation on Cognitive Recovery Following Cardiac Surgery via Median Sternotomy: A Pilot Randomised Controlled Trial. <i>Heart Lung and Circulation</i> , 2022, 31, 395-406.	0.4	5
61	Location and Patterns of Persistent Pain Following Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2021, 30, 1232-1243.	0.4	3
62	It is Time to Embrace Clinical Ultrasound and Echocardiography into Anesthesiology Practice. <i>Journal of Anesthesia & Clinical Research</i> , 2013, 04, .	0.1	3
63	Hospital survey of point-of-care lung ultrasound use in the assessment of peri-operative and critically ill patients. <i>Critical Care</i> , 2012, 16, 437.	5.8	2
64	Clinical relevance of a multiorgan focused clinical ultrasound in internal medicine. <i>Ultrasound Journal</i> , 2022, 14, 16.	3.3	2
65	Tricuspid valve papillary muscle avulsion from a pulmonary artery catheter. <i>ANZ Journal of Surgery</i> , 2012, 82, 939-940.	0.7	1
66	A case of chronic inflammatory demyelinating polyneuropathy with reversible alternating diaphragmatic paralysis: case study. <i>The Ultrasound Journal</i> , 2015, 7, 16.	2.0	1
67	Preface to patient centered clinical anaesthesiology. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018, 32, 251.	4.0	1
68	The future of recovery - Integrated, digitalised and in real time. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018, 32, 295-302.	4.0	1
69	The Impact on 30-Day Mortality From a Brief Focused Ultrasound-Guided Management Protocol Immediately Before Emergency Noncardiac Surgery in Critically Ill Patients: A Multicenter Randomized Controlled Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 1100-1110.	1.3	1
70	Restrictive versus liberal transfusion in patients with diabetes undergoing cardiac surgery: An open-label, randomized, blinded outcome evaluation trial. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 421-431.	4.4	1
71	Use of Echocardiography and Ultrasound in Trauma. , 0, , 514-527.		0
72	The 'mesentery' dressing for epidural catheter fixation. <i>Anaesthesia</i> , 2006, 61, 713-713.	3.8	0

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73	ICVTS on-line discussion B Radial artery harvest preserves forearm blood flow. Interactive Cardiovascular and Thoracic Surgery, 2007, 6, 602-602.	1.1	0
74	The validation of a Japanese language version of the postoperative quality of recovery scale: a prospective observational study. JA Clinical Reports, 2021, 7, 32.	0.7	0
75	Long-term survival after coronary bypass surgery with multiple versus single arterial grafts. European Journal of Cardio-thoracic Surgery, 2022, , .	1.4	0