

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	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
2	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
3	Clinical Impact of Point-of-Care Ultrasound in Internal Medicine Inpatients: A Systematic Review. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 170-179.	1.5	11
4	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
5	Long-term survival after coronary bypass surgery with multiple versus single arterial grafts. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	1.4	0
6	Clinical relevance of a multiorgan focused clinical ultrasound in internal medicine. <i>Ultrasound Journal</i> , 2022, 14, 16.	3.3	2
7	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
8	The validation of a Japanese language version of the postoperative quality of recovery scale: a prospective observational study. <i>JA Clinical Reports</i> , 2021, 7, 32.	0.7	0
9	Location and Patterns of Persistent Pain Following Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2021, 30, 1232-1243.	0.4	3
10	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. <i>Trials</i> , 2020, 21, 53.	1.6	10
11	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
12	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
13	Patency of conduits in patients who received internal mammary artery, radial artery and saphenous vein grafts. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 148.	1.7	13
14	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
15	Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus. <i>Critical Care</i> , 2020, 24, 702.	5.8	93
16	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. <i>Heart Lung and Circulation</i> , 2019, 28, 1283-1291.	0.4	14
17	A randomized trial of desflurane or sevoflurane on postoperative quality of recovery after knee arthroscopy. <i>PLoS ONE</i> , 2019, 14, e0220733.	2.5	7
18	Exercise Parameters and Outcome Measures Used in Cardiac Rehabilitation Programs Following Median Sternotomy in the Elderly: A Systematic Review and Meta-Analysis. <i>Heart Lung and Circulation</i> , 2019, 28, 1560-1570.	0.4	8

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19	Resistance Training Following Median Sternotomy: A Systematic Review and Meta-Analysis. <i>Heart Lung and Circulation</i> , 2019, 28, 1549-1559.	0.4	12
20	Comparison of learning outcomes for teaching focused cardiac ultrasound to physicians: A supervised human model course versus an eLearning guided self-directed simulator course. <i>Journal of Critical Care</i> , 2019, 49, 38-44.	2.2	12
21	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
22	Standard restrictive sternal precautions and modified sternal precautions had similar effects in people after cardiac surgery via median sternotomy (â€˜SMARTâ€™ Trial): a randomised trial. <i>Journal of Physiotherapy</i> , 2018, 64, 97-106.	1.7	27
23	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
24	Preface to patient centered clinical anaesthesiology. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018, 32, 251.	4.0	1
25	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
26	The future of recovery â€˜ Integrated, digitalised and in real time. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018, 32, 295-302.	4.0	1
27	The effect on survival from the use of a saphenous vein graft during coronary bypass surgery: a large cohort studyâ€™. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 1093-1100.	1.4	32
28	A matter of perspective â€˜ Objective versus subjective outcomes in the assessment of quality of recovery. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018, 32, 287-294.	4.0	10
29	Mortality in caRdIAc surgery (MYRIAD): A randomized controlled trial of volatile anesthetics. Rationale and design. <i>Contemporary Clinical Trials</i> , 2017, 59, 38-43.	1.8	13
30	The Sternal Management Accelerated Recovery Trial (S.M.A.R.T) â€˜ 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
31	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
32	Risk Factors for Sternal Complications After Cardiac Operations: A Systematic Review. <i>Annals of Thoracic Surgery</i> , 2016, 102, 2109-2117.	1.3	70
33	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
34	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
35	Diaphragmatic regional displacement assessed by ultrasound and correlated to subphrenic organ movement in the critically ill patientsâ€™an observational study. <i>Journal of Critical Care</i> , 2015, 30, 439.e7-439.e13.	2.2	17
36	Bedside clinical and ultrasound-based approaches to the management of hemodynamic instability - Part I: focus on the clinical approach: Continuing Professional Development. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 843-864.	1.6	15

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37	A bedside clinical and ultrasound-based approach to hemodynamic instability - Part II: bedside ultrasound in hemodynamic shock: Continuing Professional Development. Canadian Journal of Anaesthesia, 2014, 61, 1008-1027.	1.6	31
38	Interatrial Septum Motion but Not Doppler Assessment Predicts Elevated Pulmonary Capillary Wedge Pressure in Patients Undergoing Cardiac Surgery. Anesthesiology, 2014, 121, 719-729.	2.5	20
39	Review article: Clinical impact of non-cardiologist-performed transthoracic echocardiography in emergency medicine, intensive care medicine and anaesthesia. EMA - Emergency Medicine Australasia, 2013, 25, 4-12.	1.1	28
40	It is Time to Embrace Clinical Ultrasound and Echocardiography into Anesthesiology Practice. Journal of Anesthesia & Clinical Research, 2013, 04, .	0.1	3
41	Core Review. Anesthesia and Analgesia, 2012, 115, 1007-1028.	2.2	112
42	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. Anaesthesia, 2012, 67, 1202-1209.	3.8	106
43	Hospital survey of point-of-care lung ultrasound use in the assessment of peri-operative and critically ill patients. Critical Care, 2012, 16, 437.	5.8	2
44	The impact of pre-operative focused transthoracic echocardiography in emergency non-cardiac surgery patients with known or risk of cardiac disease. Anaesthesia, 2012, 67, 714-720.	3.8	95
45	Tricuspid valve papillary muscle avulsion from a pulmonary artery catheter. ANZ Journal of Surgery, 2012, 82, 939-940.	0.7	1
46	The accuracy of transoesophageal echocardiography in estimating pulmonary capillary wedge pressure in anaesthetised patients. Anaesthesia, 2012, 67, 122-131.	3.8	12
47	The impact of focused transthoracic echocardiography in the pre-operative clinic. Anaesthesia, 2012, 67, 618-625.	3.8	105
48	Acute Repair of Traumatic Tricuspid Valve Regurgitation Aided by Three-Dimensional Echocardiography. Heart Lung and Circulation, 2011, 20, 237-240.	0.4	11
49	Tissue Doppler Em and Instantaneous End-diastolic Stiffness: Validation Against Pressure-Volume Loops in Patients Undergoing Coronary Artery Bypass Surgery. Heart Lung and Circulation, 2011, 20, 223-230.	0.4	6
50	An accidental mass. Lancet, The, 2011, 377, 1806.	13.7	7
51	The influence of propofol or desflurane on postoperative cognitive dysfunction in patients undergoing coronary artery bypass surgery*. Anaesthesia, 2011, 66, 455-464.	3.8	121
52	Epidurals for Cardiac Surgery. Anesthesiology, 2011, 114, 232-233.	2.5	10
53	Management of diastolic heart failure following cardiac surgery. European Journal of Cardio-thoracic Surgery, 2009, 35, 241-249.	1.4	15
54	Functional comparison of anaesthetic agents during myocardial ischaemia-reperfusion using pressure-volume loops. British Journal of Anaesthesia, 2009, 103, 654-664.	3.4	19

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55	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
56	No Late Ulnar Artery Atheroma After Radial Artery Harvest for Coronary Artery Bypass Surgery. <i>Annals of Thoracic Surgery</i> , 2008, 85, 891-894.	1.3	13
57	ICVTS on-line discussion B Radial artery harvest preserves forearm blood flow. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2007, 6, 602-602.	1.1	0
58	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
59	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
60	High thoracic epidural analgesia reduces the risk of long-term depression in patients undergoing coronary artery bypass surgery. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2007, 13, 32-5.	0.8	15
61	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
62	The 'mesentery' dressing for epidural catheter fixation. <i>Anaesthesia</i> , 2006, 61, 713-713.	3.8	0
63	Point of care ultrasound for basic haemodynamic assessment: novice compared with an expert operator. <i>Anaesthesia</i> , 2006, 61, 849-855.	3.8	61
64	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
65	Substernal epicardial echocardiography: A recommended examination sequence and clinical evaluation in patients undergoing cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2004, 78, 613-619.	1.3	10
66	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
67	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
68	Postoperative radial artery angiography for coronary artery bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2000, 17, 294-304.	1.4	105
69	Reduced neuropsychological dysfunction using epiaortic echocardiography and the exclusive Y graft. <i>Annals of Thoracic Surgery</i> , 2000, 69, 1431-1438.	1.3	82
70	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
71	Radial artery harvest technique, use and functional outcome ¹ . <i>European Journal of Cardio-thoracic Surgery</i> , 1999, 15, 186-193.	1.4	88
72	Exclusive Y graft operation for multivessel coronary revascularization. <i>Annals of Thoracic Surgery</i> , 1999, 68, 1612-1618.	1.3	65

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73	Routine immediate extubation after cardiac operation: a review of our first 100 patients. Annals of Thoracic Surgery, 1999, 68, 1326-1329.	1.3	83
74	Blood flow in composite arterial grafts and effect of native coronary flow. Annals of Thoracic Surgery, 1999, 68, 1619-1622.	1.3	82
75	Use of Echocardiography and Ultrasound in Trauma. , 0, , 514-527.		0