

Robert A Baker

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

4,946
citations

147566

31
h-index

95083

68
g-index

108
all docs

108
docs citations

108
times ranked

4151
citing authors

#	ARTICLE	IF	CITATIONS
1	Determinants of hospital variability in perioperative red blood cell transfusions during coronary artery bypass graft surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1015-1024.e1.	0.4	12
2	Impact of Surgical and Transcatheter Aortic Valve Replacement on Frailty Score. <i>Heart Lung and Circulation</i> , 2022, 31, 566-574.	0.2	4
3	Unravelling the Difference Between Men and Women in Post-CABG Survival. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 768972.	1.1	2
4	Development of an organ procurement team in South Australia in response to COVID-19. <i>ANZ Journal of Surgery</i> , 2022, 92, 1863-1866.	0.3	1
5	Del Nido cardioplegia in adult cardiac surgery: analysis of myocardial protection and postoperative high-sensitivity Troponin T. <i>ANZ Journal of Surgery</i> , 2021, 91, 2192-2198.	0.3	4
6	STS/SCA/AmSECT/SABM Update to the Clinical Practice Guidelines on Patient Blood Management. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2569-2591.	0.6	56
7	STS/SCA/AmSECT/SABM Update to the Clinical Practice Guidelines on Patient Blood Management. <i>Annals of Thoracic Surgery</i> , 2021, 112, 981-1004.	0.7	88
8	Prognostic Value of High-Sensitivity Troponin T After On-Pump Coronary Artery Bypass Graft Surgery. <i>Heart Lung and Circulation</i> , 2021, 30, 1562-1569.	0.2	7
9	Better Together: The 2021 STS/SCA/AmSECT/SABM Patient Blood Management Update. <i>Journal of Extra-Corporeal Technology</i> , 2021, 53, 95-96.	0.2	0
10	STS/SCA/AmSECT/SABM Update to the Clinical Practice Guidelines on Patient Blood Management. <i>Journal of Extra-Corporeal Technology</i> , 2021, 53, 97-124.	0.2	3
11	Effect of Balloon Aortic Valvuloplasty on Mortality in Patients With Severe Aortic Stenosis Prior to Conservative Treatment and Surgical or Transcatheter Aortic Valve Replacement. <i>Heart Lung and Circulation</i> , 2020, 29, 719-728.	0.2	7
12	Transcatheter Transseptal Mitral Valve-in-Valve Replacement: An Early Australian Case Series and Literature Review. <i>Heart Lung and Circulation</i> , 2020, 29, 921-930.	0.2	9
13	Cardiopulmonary bypass management and acute kidney injury in 118 Jehovah's Witness patients: a retrospective propensity-matched multicentre cohort from 30,942 patients. <i>Perfusion (United Kingdom)</i> 2021;36(10):1145-1154. doi:10.1177/0885066621104507	0.784314	14
14	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery: a tool to better clinical practice. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 207-209.	0.6	16
15	Incident Reporting in Perfusion: Current Perceptions on PIRS-2. <i>Journal of Extra-Corporeal Technology</i> , 2020, 52, 7-12.	0.2	0
16	Outcomes of Redo Valve Surgery in Indigenous Australians. <i>Heart Lung and Circulation</i> , 2019, 28, 1102-1111.	0.2	11
17	Predictive Capacity of Oxygen Delivery During Cardiopulmonary Bypass on Acute Kidney Injury. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1807-1814.	0.7	33
18	Multidisciplinary transcatheter aortic valve replacement heart team programme improves mortality in aortic stenosis. <i>Open Heart</i> , 2019, 6, e000983.	0.9	21

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19	Surfactant and lung function following cardiac surgery. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2019, 48, 55-60.	0.8	1
20	Structured Feedback: Acceptability and Feasibility of a Strategy to Enhance the Role of a Clinical Quality Registry to Drive Change in Cardiac Surgical Practice. <i>Heart Lung and Circulation</i> , 2019, 28, 1253-1260.	0.2	2
21	Public Health Costs for Northern Territory and South Australian Cardiac Surgery Patients. <i>Heart Lung and Circulation</i> , 2019, 28, 1720-1727.	0.2	0
22	Thirty-day outcomes in Indigenous Australians following coronary artery bypass grafting. <i>Internal Medicine Journal</i> , 2018, 48, 780-785.	0.5	8
23	Circulating and Urinary miR-210 and miR-16 Increase during Cardiac Surgery Using Cardiopulmonary Bypass - A Pilot Study. <i>Journal of Extra-Corporeal Technology</i> , 2018, 50, 19-29.	0.2	2
24	High-Sensitivity Troponin Release Profile After Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2017, 26, 833-839.	0.2	9
25	Outcomes after mitral valve surgery for rheumatic heart disease. <i>Heart Asia</i> , 2017, 9, e010916.	1.1	20
26	The burden and implications of preoperative atrial fibrillation in Australian heart valve surgery patients. <i>International Journal of Cardiology</i> , 2017, 227, 100-105.	0.8	5
27	Changes of left ventricular mechanics after trans-catheter aortic valve implantation and surgical aortic valve replacement for severe aortic stenosis: A tissue-tracking cardiac magnetic resonance study. <i>International Journal of Cardiology</i> , 2017, 228, 184-190.	0.8	17
28	Rapid Rewarming During Cardiopulmonary Bypass Is Associated With Cerebral Injury. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2026-2027.	0.7	3
29	Rewarming Temperature During Cardiopulmonary Bypass and Acute Kidney Injury: A Multicenter Analysis. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1655-1662.	0.7	40
30	Case load and valve surgery outcome in Australia. <i>International Journal of Cardiology</i> , 2016, 221, 144-151.	0.8	3
31	Mending a broken heart but breaking the kidney. <i>Nephrology</i> , 2016, 21, 812-820.	0.7	13
32	Depression screening after cardiac surgery: A six month longitudinal follow up for cardiac events, hospital readmissions, quality of life and mental health. <i>International Journal of Cardiology</i> , 2016, 206, 44-50.	0.8	16
33	The importance of depression and alcohol use in coronary artery bypass graft surgery patients: risk factors for delirium and poorer quality of life. <i>Journal of Geriatric Cardiology</i> , 2016, 13, 51-7.	0.2	14
34	A review of outcome following valve surgery for rheumatic heart disease in Australia. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 103.	0.7	21
35	Depression, anxiety and major adverse cardiovascular and cerebrovascular events in patients following coronary artery bypass graft surgery: a five year longitudinal cohort study. <i>BioPsychoSocial Medicine</i> , 2015, 9, 14.	0.9	69
36	Early effects of transcatheter aortic valve implantation and aortic valve replacement on myocardial function and aortic valve hemodynamics: Insights from cardiovascular magnetic resonance imaging. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 462-470.	0.4	24

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37	The Society of Thoracic Surgeons, The Society of Cardiovascular Anesthesiologists, and The American Society of Extracorporeal Technology: Clinical Practice Guidelines for Cardiopulmonary Bypass—Temperature Management During Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2015, 100, 748-757.	0.7	88
38	Quantitative assessment of paravalvular regurgitation following transcatheter aortic valve replacement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 32.	1.6	42
39	The Society of Thoracic Surgeons, The Society of Cardiovascular Anesthesiologists, and The American Society of Extracorporeal Technology: Clinical Practice Guidelines for Cardiopulmonary Bypass—Temperature Management During Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> . 2015, 29, 1104-1113.	0.6	31
40	Cardiovascular risk profile before coronary artery bypass graft surgery in relation to depression and anxiety disorders: An age and sex propensity matched study. <i>Australian Critical Care</i> , 2015, 28, 24-30.	0.6	20
41	Change in quality of life after transcatheter aortic valve implantation and aortic valve replacement surgery in Australian patients aged ≥ 75 years: the effects of EuroSCORE and patient operability. <i>Journal of Geriatric Cardiology</i> , 2015, 12, 30-6.	0.2	3
42	Report from AmSECT's International Consortium for Evidence- Based Perfusion Consensus Statement: Minimal Criteria for Reporting Cardiopulmonary Bypass-Related Contributions to Red Blood Cell Transfusions Associated With Adult Cardiac Surgery. <i>Journal of Extra-Corporeal Technology</i> , 2015, 47, 83-9.	0.2	7
43	The Society of Thoracic Surgeons, The Society of Cardiovascular Anesthesiologists, and The American Society of Extracorporeal Technology: Clinical Practice Guidelines for Cardiopulmonary Bypass—Temperature Management during Cardiopulmonary Bypass. <i>Journal of Extra-Corporeal Technology</i> , 2015, 47, 145-54.	0.2	6
44	Should Air Bubble Detectors Be Used to Quantify Microbubble Activity during Cardiopulmonary Bypass?. <i>Journal of Extra-Corporeal Technology</i> , 2015, 47, 174-9.	0.2	0
45	A review of valve surgery for rheumatic heart disease in Australia. <i>BMC Cardiovascular Disorders</i> , 2014, 14, 134.	0.7	24
46	Attenuating the Systemic Inflammatory Response to Adult Cardiopulmonary Bypass: A Critical Review of the Evidence Base. <i>Journal of Extra-Corporeal Technology</i> , 2014, 46, 197-211.	0.2	41
47	The Morbidity and Mortality Outcomes of Indigenous Australian Peoples after Isolated Coronary Artery Bypass Graft Surgery: The Influence of Geographic Remoteness. <i>Heart Lung and Circulation</i> , 2013, 22, 599-605.	0.2	29
48	Aortic Valve Prosthesis—Patient Mismatch and Long-Term Outcomes: 19-Year Single-Center Experience. <i>Annals of Thoracic Surgery</i> , 2013, 96, 844-850.	0.7	42
49	High-Sensitivity Troponin Release Profile After Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2013, 22, 475.	0.2	2
50	Cognitive impairment before and six months after cardiac surgery increase mortality risk at median 11 year follow-up: a cohort study. <i>International Journal of Cardiology</i> , 2013, 168, 2796-2802.	0.8	17
51	The Reliable Change Index for Assessment of Cognitive Dysfunction After Coronary Artery Bypass Graft Surgery. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1529.	0.7	6
52	Current Readings: Neurocognitive Impairment and Clinical Implications After Cardiac Surgery. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2013, 25, 237-244.	0.4	3
53	Report from AmSECT's International Consortium for Evidence-Based Perfusion: American Society of Extracorporeal Technology Standards and Guidelines for Perfusion Practice: 2013. <i>Journal of Extra-Corporeal Technology</i> , 2013, 45, 156-66.	0.2	32
54	Selective Serotonin Reuptake Inhibitors, Venlafaxine and Duloxetine are Associated With in Hospital Morbidity but Not Bleeding or Late Mortality After Coronary Artery Bypass Graft Surgery. <i>Heart Lung and Circulation</i> , 2012, 21, 206-214.	0.2	50

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55	Depression, anxiety, and cardiac morbidity outcomes after coronary artery bypass surgery: a contemporary and practical review. <i>Journal of Geriatric Cardiology</i> , 2012, 9, 197-208.	0.2	221
56	Developing a benchmarking process in perfusion: a report of the Perfusion Downunder Collaboration. <i>Journal of Extra-Corporeal Technology</i> , 2012, 44, 26-33.	0.2	6
57	Cell salvage is beneficial for all cardiac surgical patients: arguments for and against. <i>Journal of Extra-Corporeal Technology</i> , 2012, 44, P38-41.	0.2	1
58	Oxygenator safety evaluation: a focus on connection grip strength and arterial temperature measurement accuracy. <i>Journal of Extra-Corporeal Technology</i> , 2012, 44, 53-9.	0.2	3
59	Validation of a perfusion registry: methodological approach and initial findings. <i>Journal of Extra-Corporeal Technology</i> , 2012, 44, 104-15.	0.2	16
60	Morbidity and Morality Outcomes of Aboriginal and Torres Strait Islander Peoples After Isolated Coronary Artery Bypass Graft Surgery. <i>Heart Lung and Circulation</i> , 2011, 20, 792.	0.2	1
61	Anxiety, depression, and stress as risk factors for atrial fibrillation after cardiac surgery. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2011, 40, 4-11.	0.8	80
62	2011 Update to The Society of Thoracic Surgeons and the Society of Cardiovascular Anesthesiologists Blood Conservation Clinical Practice Guidelines. <i>Annals of Thoracic Surgery</i> , 2011, 91, 944-982.	0.7	1,733
63	Female Sex as an Independent Predictor of Morbidity and Survival After Isolated Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2011, 92, 59-67.	0.7	41
64	Confirmatory factor analysis of the Beck Depression Inventory-II and the association with cardiac morbidity and mortality after coronary revascularization. <i>Journal of Health Psychology</i> , 2011, 16, 584-595.	1.3	51
65	Cardiac morbidity risk and depression and anxiety: A disorder, symptom and trait analysis among cardiac surgery patients. <i>Psychology, Health and Medicine</i> , 2011, 16, 333-345.	1.3	51
66	Cardiopulmonary Bypass Circuit and the Brain. , 2011, , 11-18.		0
67	Effect of the Perioperative Blood Transfusion and Blood Conservation in Cardiac Surgery Clinical Practice Guidelines of the Society of Thoracic Surgeons and the Society of Cardiovascular Anesthesiologists upon Clinical Practices. <i>Anesthesia and Analgesia</i> , 2010, 111, 316-323.	1.1	74
68	Preoperative and Intraoperative Factors Associated With Long-Term Survival in Octogenarian Cardiac Surgery Patients. <i>Annals of Thoracic Surgery</i> , 2010, 89, 105-111.	0.7	25
69	Outcomes XIII: Denouement. <i>Heart Surgery Forum</i> , 2010, 13, E108-E123.	0.2	24
70	Consensus Statement: Minimal Criteria for Reporting the Systemic Inflammatory Response to Cardiopulmonary Bypass. <i>Heart Surgery Forum</i> , 2010, 13, E108-A-E115-A.	0.2	14
71	Depression, anxiety disorders and Type D personality as risk factors for delirium after cardiac surgery. <i>Australian and New Zealand Journal of Psychiatry</i> , 2010, 44, 1005-11.	1.3	53
72	Outcomes of cardiac surgery in Indigenous Australians. <i>Medical Journal of Australia</i> , 2009, 190, 588-593.	0.8	24

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73	Suction, Salvage, Sutures, and Potions: Blood Management Post-Aprotinin. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2009, 13, 122-126.	0.4	2
74	Neuropsychological Function 5 Years after Cardiac Surgery and the Effect of Psychological Distress. <i>Archives of Clinical Neuropsychology</i> , 2009, 24, 741-751.	0.3	33
75	Negative emotions and quality of life six months after cardiac surgery: the dominant role of depression not anxiety symptoms. <i>Journal of Behavioral Medicine</i> , 2009, 32, 510-522.	1.1	52
76	Survival After Isolated Coronary Artery Bypass Grafting in Patients With Severe Left Ventricular Dysfunction. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1106-1112.	0.7	42
77	Australian and New Zealand perfusion survey: management and procedure. <i>Journal of Extra-Corporeal Technology</i> , 2009, 41, 64-72.	0.2	6
78	Biofeedback: making the science real. <i>Journal of Extra-Corporeal Technology</i> , 2009, 41, P38-42.	0.2	0
79	The role of depression and anxiety symptoms in hospital readmissions after cardiac surgery. <i>Journal of Behavioral Medicine</i> , 2008, 31, 281-290.	1.1	141
80	Anxiety and depression as risk factors for mortality after coronary artery bypass surgery. <i>Journal of Psychosomatic Research</i> , 2008, 64, 285-290.	1.2	154
81	Perfusion: Part of the Perioperative Blood Transfusion and Blood Conservation Management Team. <i>Annals of Thoracic Surgery</i> , 2008, 85, 359.	0.7	1
82	Neuropsychologic and Quality-of-Life Outcomes After Coronary Artery Bypass Surgery With and Without Cardiopulmonary Bypass: A Prospective Randomized Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008, 22, 515-521.	0.6	35
83	Depression, anxiety and negative affect symptoms in coronary artery bypass graft surgery patients. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008, 15, 742-742.	3.1	0
84	An evidence-based review of the practice of cardiopulmonary bypass in adults: A focus on neurologic injury, glycemic control, hemodilution, and the inflammatory response. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 283-290.e3.	0.4	271
85	Australian and New Zealand perfusion survey: equipment and monitoring. <i>Journal of Extra-Corporeal Technology</i> , 2006, 38, 220-9.	0.2	10
86	Closed-eye visual hallucinations after coronary artery bypass grafting. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 217-219.	0.6	11
87	Clopidogrel and Bleeding After Coronary Artery Bypass Graft Surgery. <i>Annals of Thoracic Surgery</i> , 2005, 80, 928-933.	0.7	105
88	Stroke After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1746-1750.	0.7	32
89	Relationship between elevated preoperative troponin T and adverse outcomes following cardiac surgery. <i>ANZ Journal of Surgery</i> , 2003, 73, 40-44.	0.3	18
90	Postoperative confusion assessed with the Short Portable Mental Status Questionnaire. <i>ANZ Journal of Surgery</i> , 2003, 73, 697-700.	0.3	12

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91	Assessment of myocardial injury by troponin T in off-pump coronary artery grafting and conventional coronary artery graft surgery. ANZ Journal of Surgery, 2002, 72, 105-109.	0.3	20
92	A comparison of neuropsychologic deficits after extracardiac and intracardiac surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2001, 15, 9-14.	0.6	34
93	Preoperative depression and mortality in coronary artery bypass surgery: Preliminary findings. ANZ Journal of Surgery, 2001, 71, 139-142.	0.3	98
94	Evaluation of Neurologic Assessment and Outcomes in Cardiac Surgical Patients. Seminars in Thoracic and Cardiovascular Surgery, 2001, 13, 149-157.	0.4	21
95	Mood state as a predictor of neuropsychological deficits following cardiac surgery. Journal of Psychosomatic Research, 2000, 48, 537-546.	1.2	100
96	Neuropsychologic Changes After Coronary Artery Bypass Grafting: Use of Reliable Change Indices. Annals of Thoracic Surgery, 1998, 65, 1320-1325.	0.7	86
97	Neuropsychological dysfunction after minimally invasive direct coronary artery bypass grafting. Annals of Thoracic Surgery, 1998, 66, 1611-1617.	0.7	26
98	Somatostatin stimulates the brush-tailed possum sphincter of Oddi in vitro and in vivo. Gastroenterology, 1998, 115, 672-679.	0.6	21
99	Galanin modulates sphincter of Oddi function in the Australian brush-tailed possum. Peptides, 1996, 17, 933-941.	1.2	20
100	How safe is endoscopic sphincter of Oddi manometry?. Journal of Gastroenterology and Hepatology (Australia), 1995, 10, 334-336.	1.4	25
101	Projections of nerve cells from the duodenum to the sphincter of Oddi and gallbladder of the Australian possum. Gastroenterology, 1993, 104, 130-136.	0.6	63
102	Nitric oxide mediates nonadrenergic, noncholinergic neural relaxation in the Australian possum. Gastroenterology, 1993, 105, 1746-1753.	0.6	43
103	Maxon is an Optimal Suture for Bile Duct Anastomoses in Pigs. HPB Surgery, 1993, 7, 111-124.	2.2	8
104	TOXICOLOGICAL STUDIES ON ISOPROPYL AND STEARYL CITRATES. Journal of Food Science, 1951, 16, 258-280.	1.5	27
105	The long-term mortality of an Aboriginal and Torres Strait Islander Australian population after isolated coronary artery bypass graft surgery. ANZ Journal of Surgery, 0, , .	0.3	1