

Robert A Baker

List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	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
6	Clopidogrel and Bleeding After Coronary Artery Bypass Graft Surgery. <i>Annals of Thoracic Surgery</i> , 2005, 80, 928-933.	0.7	105
7	Mood state as a predictor of neuropsychological deficits following cardiac surgery. <i>Journal of Psychosomatic Research</i> , 2000, 48, 537-546.	1.2	100
8	Preoperative depression and mortality in coronary artery bypass surgery: Preliminary findings. <i>ANZ Journal of Surgery</i> , 2001, 71, 139-142.	0.3	98
9	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
10	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
11	Neuropsychologic Changes After Coronary Artery Bypass Grafting: Use of Reliable Change Indices. <i>Annals of Thoracic Surgery</i> , 1998, 65, 1320-1325.	0.7	86
12	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
13	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
14	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
15	Projections of nerve cells from the duodenum to the sphincter of Oddi and gallbladder of the Australian possum. <i>Gastroenterology</i> , 1993, 104, 130-136.	0.6	63
16	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
17	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
18	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

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19	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
20	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
21	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
22	Nitric oxide mediates nonadrenergic, noncholinergic neural relaxation in the Australian possum. <i>Gastroenterology</i> , 1993, 105, 1746-1753.	0.6	43
23	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
24	Aortic Valve Prosthesisâ€œPatient Mismatch and Long-Term Outcomes: 19-Year Single-Center Experience. <i>Annals of Thoracic Surgery</i> , 2013, 96, 844-850.	0.7	42
25	Quantitative assessment of paravalvular regurgitation following transcatheter aortic valve replacement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 32.	1.6	42
26	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
27	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
28	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
29	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
30	A comparison of neuropsychologic deficits after extracardiac and intracardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2001, 15, 9-14.	0.6	34
31	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
32	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
33	Stroke After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1746-1750.	0.7	32
34	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
35	The Society of Thoracic Surgeons, The Society of Cardiovascular Anesthesiologists, and The American Society of ExtraCorporeal Technology: Clinical Practice Guidelines for Cardiopulmonary Bypassâ€œTemperature Management During Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> . 2015, 29, 1104-1113.	0.6	31
36	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

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37	TOXICOLOGICAL STUDIES ON ISOPROPYL AND STEARYL CITRATES. Journal of Food Science, 1951, 16, 258-280.	1.5	27
38	Neuropsychological dysfunction after minimally invasive direct coronary artery bypass grafting. Annals of Thoracic Surgery, 1998, 66, 1611-1617.	0.7	26
39	How safe is endoscopic sphincter of Oddi manometry?. Journal of Gastroenterology and Hepatology (Australia), 1995, 10, 334-336.	1.4	25
40	Preoperative and Intraoperative Factors Associated With Long-Term Survival in Octogenarian Cardiac Surgery Patients. Annals of Thoracic Surgery, 2010, 89, 105-111.	0.7	25
41	Outcomes of cardiac surgery in Indigenous Australians. Medical Journal of Australia, 2009, 190, 588-593.	0.8	24
42	A review of valve surgery for rheumatic heart disease in Australia. BMC Cardiovascular Disorders, 2014, 14, 134.	0.7	24
43	Early effects of transcatheter aortic valve implantation and aortic valve replacement on myocardial function and aortic valve hemodynamics: Insights from cardiovascular magnetic resonance imaging. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 462-470.	0.4	24
44	Outcomes XIII: Denouement. Heart Surgery Forum, 2010, 13, E108-E123.	0.2	24
45	Somatostatin stimulates the brush-tailed possum sphincter of Oddi in vitro and in vivo. Gastroenterology, 1998, 115, 672-679.	0.6	21
46	Evaluation of Neurologic Assessment and Outcomes in Cardiac Surgical Patients. Seminars in Thoracic and Cardiovascular Surgery, 2001, 13, 149-157.	0.4	21
47	A review of outcome following valve surgery for rheumatic heart disease in Australia. BMC Cardiovascular Disorders, 2015, 15, 103.	0.7	21
48	Multidisciplinary transcatheter aortic valve replacement heart team programme improves mortality in aortic stenosis. Open Heart, 2019, 6, e000983.	0.9	21
49	Galanin modulates sphincter of Oddi function in the Australian brush-tailed possum. Peptides, 1996, 17, 933-941.	1.2	20
50	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
51	Cardiovascular risk profile before coronary artery bypass graft surgery in relation to depression and anxiety disorders: An age and sex propensity matched study. Australian Critical Care, 2015, 28, 24-30.	0.6	20
52	Outcomes after mitral valve surgery for rheumatic heart disease. Heart Asia, 2017, 9, e010916.	1.1	20
53	Relationship between elevated preoperative troponin T and adverse outcomes following cardiac surgery. ANZ Journal of Surgery, 2003, 73, 40-44.	0.3	18
54	Cognitive impairment before and six months after cardiac surgery increase mortality risk at median 11 year follow-up: a cohort study. International Journal of Cardiology, 2013, 168, 2796-2802.	0.8	17

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55	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
56	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
57	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
58	Validation of a perfusion registry: methodological approach and initial findings. <i>Journal of Extra-Corporeal Technology</i> , 2012, 44, 104-115.	0.2	16
59	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
60	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
61	Mending a broken heart but breaking the kidney. <i>Nephrology</i> , 2016, 21, 812-820.	0.7	13
62	Postoperative confusion assessed with the Short Portable Mental Status Questionnaire. <i>ANZ Journal of Surgery</i> , 2003, 73, 697-700.	0.3	12
63	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
64	Closed-eye visual hallucinations after coronary artery bypass grafting. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 217-219.	0.6	11
65	Outcomes of Redo Valve Surgery in Indigenous Australians. <i>Heart Lung and Circulation</i> , 2019, 28, 1102-1111.	0.2	11
66	Australian and New Zealand perfusion survey: equipment and monitoring. <i>Journal of Extra-Corporeal Technology</i> , 2006, 38, 220-9.	0.2	10
67	High-Sensitivity Troponin Release Profile After Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2017, 26, 833-839.	0.2	9
68	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
69	Maxon is an Optimal Suture for Bile Duct Anastomoses in Pigs. <i>HPB Surgery</i> , 1993, 7, 111-124.	2.2	8
70	Thirty-day outcomes in Indigenous Australians following coronary artery bypass grafting. <i>Internal Medicine Journal</i> , 2018, 48, 780-785.	0.5	8
71	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
72	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, 107-115.	0.2	7

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73	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
74	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
75	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
76	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
77	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
78	Australian and New Zealand perfusion survey: management and procedure. <i>Journal of Extra-Corporeal Technology</i> , 2009, 41, 64-72.	0.2	6
79	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
80	Del Nido cardioplegia in adult cardiac surgery: analysis of myocardial protection and preoperative high-sensitivity Troponin T. <i>ANZ Journal of Surgery</i> , 2021, 91, 2192-2198.	0.3	4
81	Impact of Surgical and Transcatheter Aortic Valve Replacement on Frailty Score. <i>Heart Lung and Circulation</i> , 2022, 31, 566-574.	0.2	4
82	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
83	Rapid Rewarming During Cardiopulmonary Bypass Is Associated With Cerebral Injury. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2026-2027.	0.7	3
84	Case load and valve surgery outcome in Australia. <i>International Journal of Cardiology</i> , 2016, 221, 144-151.	0.8	3
85	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
86	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
87	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
88	Suction, Salvage, Sutures, and Potions: Blood Management Post-Aprotinin. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2009, 13, 122-126.	0.4	2
89	High-Sensitivity Troponin Release Profile After Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2013, 22, 475.	0.2	2
90	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

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91	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
92	Unravelling the Difference Between Men and Women in Post-CABG Survival. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 768972.	1.1	2
93	Perfusion: Part of the Perioperative Blood Transfusion and Blood Conservation Management Team. <i>Annals of Thoracic Surgery</i> , 2008, 85, 359.	0.7	1
94	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
95	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
96	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
97	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
98	The long-term mortality of an Aboriginal and Torres Strait Islander Australian population after isolated coronary artery bypass graft surgery. <i>ANZ Journal of Surgery</i> , 0, , .	0.3	1
99	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
100	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
101	Cardiopulmonary Bypass Circuit and the Brain. , 2011, , 11-18.		0
102	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
103	Biofeedback: making the science real. <i>Journal of Extra-Corporeal Technology</i> , 2009, 41, P38-42.	0.2	0
104	Incident Reporting in Perfusion: Current Perceptions on PIRS-2. <i>Journal of Extra-Corporeal Technology</i> , 2020, 52, 7-12.	0.2	0
105	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