

Rakesh C Arora

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

200
papers

4,776
citations

38
h-index

63
g-index

248
ext. papers

6,319
ext. citations

3.1
avg, IF

5.63
L-index

#	Paper	IF	Citations
200	Frailty in Older Adults Undergoing Aortic Valve Replacement: The FRAILTY-AVR Study. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 689-700	15.1	364
199	Guidelines for Perioperative Care in Cardiac Surgery: Enhanced Recovery After Surgery Society Recommendations. <i>JAMA Surgery</i> , 2019 , 154, 755-766	5.4	264
198	Non-invasive endothelial function testing and the risk of adverse outcomes: a systematic review and meta-analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 736-46	4.1	148
197	Urinary, Plasma, and Serum Biomarkers Utility for Predicting Acute Kidney Injury Associated With Cardiac Surgery in Adults: A Meta-analysis. <i>American Journal of Kidney Diseases</i> , 2015 , 66, 993-1005	7.4	144
196	IL-10 attenuates TNF-alpha-induced NF kappaB pathway activation and cardiomyocyte apoptosis. <i>Cardiovascular Research</i> , 2009 , 82, 59-66	9.9	128
195	The impact of frailty on postoperative delirium in cardiac surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 869-75.e1-2	1.5	119
194	Trastuzumab mediated cardiotoxicity in the setting of adjuvant chemotherapy for breast cancer: a retrospective study. <i>Breast Cancer Research and Treatment</i> , 2009 , 117, 357-64	4.4	108
193	Adipose-derived stem cells are an effective cell candidate for treatment of heart failure: an MR imaging study of rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1020-31	5.2	104
192	The Diagnosis of Delirium Superimposed on Dementia: An Emerging Challenge. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 12-18	5.9	103
191	Updated nomenclature of delirium and acute encephalopathy: statement of ten Societies. <i>Intensive Care Medicine</i> , 2020 , 46, 1020-1022	14.5	101
190	Extracorporeal lung support for patients who had severe respiratory failure secondary to influenza A (H1N1) 2009 infection in Canada. <i>Canadian Journal of Anaesthesia</i> , 2010 , 57, 240-7	3	98
189	The intensive care delirium research agenda: a multinational, interprofessional perspective. <i>Intensive Care Medicine</i> , 2017 , 43, 1329-1339	14.5	93
188	Long-Term Effects of Postoperative Delirium in Patients Undergoing Cardiac Operation: A Systematic Review. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1391-9	2.7	87
187	Prehabilitation program for elective coronary artery bypass graft surgery patients: a pilot randomized controlled study. <i>Clinical Rehabilitation</i> , 2014 , 28, 648-57	3.3	83
186	Delirium: a cause for concern beyond the immediate postoperative period. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1114-20	2.7	79
185	Adult Cardiac Surgery During the COVID-19 Pandemic: A Tiered Patient Triage Guidance Statement. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 697-700	2.7	70
184	Does Tweeting Improve Citations? One-Year Results From the TSSMN Prospective Randomized Trial. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 296-300	2.7	70

183	Protocol for the PREHAB study-Pre-operative Rehabilitation for reduction of Hospitalization After coronary Bypass and valvular surgery: a randomised controlled trial. <i>BMJ Open</i> , 2015 , 5, e007250	3	69
182	The Association Between Preoperative Frailty and Postoperative Delirium After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2016 , 123, 430-5	3.9	67
181	A Scoping Review of Frailty and Acute Care in Middle-Aged and Older Individuals with Recommendations for Future Research. <i>Canadian Geriatrics Journal</i> , 2017 , 20, 22-37	2.8	66
180	The impact of frailty on functional survival in patients 1 year after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1990-1999	1.5	64
179	Long-term modulation of the intrinsic cardiac nervous system by spinal cord neurons in normal and ischaemic hearts. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002 , 95, 71-9	2.4	64
178	Prevalence of frailty in Canadians 18-79 years old in the Canadian Health Measures Survey. <i>BMC Geriatrics</i> , 2017 , 17, 28	4.1	62
177	Effect of intensive care unit environment on in-hospital delirium after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 172-8	1.5	62
176	A cardioprotective preservation strategy employing ex vivo heart perfusion facilitates successful transplant of donor hearts after cardiocirculatory death. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 734-43	5.8	62
175	Impact of 24-hour in-house intensivists on a dedicated cardiac surgery intensive care unit. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 1153-61	2.7	60
174	Serum creatinine measurement immediately after cardiac surgery and prediction of acute kidney injury. <i>American Journal of Kidney Diseases</i> , 2012 , 59, 196-201	7.4	57
173	Delirium as a predictor of sepsis in post-coronary artery bypass grafting patients: a retrospective cohort study. <i>Critical Care</i> , 2010 , 14, R171	10.8	57
172	Identifying patients at risk of intraoperative and postoperative transfusion in isolated CABG: toward selective conservation strategies. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1547-54	2.7	54
171	Influenza myocarditis and myositis: case presentation and review of the literature. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 514-22	3.8	53
170	A whole blood-based perfusate provides superior preservation of myocardial function during ex vivo heart perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 113-121	5.8	52
169	Hearts from DCD donors display acceptable biventricular function after heart transplantation in pigs. <i>American Journal of Transplantation</i> , 2011 , 11, 1621-32	8.7	44
168	Cardiac Surgery in Canada During the COVID-19 Pandemic: A Guidance Statement From the Canadian Society of Cardiac Surgeons. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 952-955	3.8	43
167	Malnutrition and Mortality in Frail and Non-Frail Older Adults Undergoing Aortic Valve Replacement. <i>Circulation</i> , 2018 , 138, 2202-2211	16.7	43
166	Superparamagnetic iron oxide does not affect the viability and function of adipose-derived stem cells, and superparamagnetic iron oxide-enhanced magnetic resonance imaging identifies viable cells. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 108-19	3.3	42

165	High molecular weight fibroblast growth factor-2 in the human heart is a potential target for prevention of cardiac remodeling. <i>PLoS ONE</i> , 2014 , 9, e97281	3.7	41
164	"NEW" Prehabilitation: A 3-Way Approach to Improve Postoperative Survival and Health-Related Quality of Life in Cardiac Surgery Patients. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 839-849	3.8	41
163	Transmyocardial laser revascularization does not denervate the canine heart. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 460-8; discussion 468-9	2.7	39
162	Intrinsic cardiac nervous system in tachycardia induced heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 285, R1212-23	3.2	36
161	Assessment of donor heart viability during ex vivo heart perfusion. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 893-901	2.4	35
160	The erythropoietin neuroprotective effect: assessment in CABG surgery (TENPEAKS): a randomized, double-blind, placebo controlled, proof-of-concept clinical trial. <i>Stroke</i> , 2009 , 40, 2769-75	6.7	35
159	Preventing Posttraumatic Stress in ICU Survivors: A Single-Center Pilot Randomized Controlled Trial of ICU Diaries and Psychoeducation. <i>Critical Care Medicine</i> , 2018 , 46, 1914-1922	1.4	35
158	Temporary Mechanical Circulatory Support in Cardiac Critical Care: A State of the Art Review and Algorithm for Device Selection. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 110-118	3.8	34
157	A systematic review of the association between sedentary behaviors with frailty. <i>Experimental Gerontology</i> , 2018 , 114, 1-12	4.5	34
156	Viability and proliferation potential of adipose-derived stem cells following labeling with a positron-emitting radiotracer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 1323-34	8.8	32
155	The association between bouts of moderate to vigorous physical activity and patterns of sedentary behavior with frailty. <i>Experimental Gerontology</i> , 2018 , 104, 28-34	4.5	30
154	The benefits of 24/7 in-house intensivist coverage for prolonged-stay cardiac surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 290-297.e6	1.5	30
153	Social Media Improves Cardiothoracic Surgery Literature Dissemination: Results of a Randomized Trial. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 589-595	2.7	30
152	Diagnostic accuracy of the 4AT for delirium detection in older adults: systematic review and meta-analysis. <i>Age and Ageing</i> , 2021 , 50, 733-743	3	30
151	Vocal Cord Paralysis After Thoracic Aortic Surgery: Incidence and Impact on Clinical Outcomes. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 54-8	2.7	29
150	Adult cardiac surgery during the COVID-19 pandemic: A tiered patient triage guidance statement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 452-455	1.5	29
149	Canadian Cardiovascular Society/Canadian Cardiovascular Critical Care Society/Canadian Association of Interventional Cardiology Position Statement on the Optimal Care of the Postarrest Patient. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 1-16	3.8	29
148	Assessment of three techniques for delivering stem cells to the heart using PET and MR imaging. <i>EJNMMI Research</i> , 2013 , 3, 72	3.6	28

147	Cardiac surgery as a stressor and the response of the vulnerable older adult. <i>Experimental Gerontology</i> , 2017 , 87, 168-174	4.5	25
146	Adult Cardiac Surgery and the COVID-19 Pandemic: Aggressive Infection Mitigation Strategies Are Necessary in the Operating Room and Surgical Recovery. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 707-711	2.7	25
145	Point-of-care viscoelastic hemostatic testing in cardiac surgery patients: a systematic review and meta-analysis. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 1333-1347	3	24
144	Depression before and after cardiac surgery: do all patients respond the same?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 1400-6	1.5	22
143	Current approach to diagnosis and treatment of delirium after cardiac surgery. <i>Annals of Cardiac Anaesthesia</i> , 2016 , 19, 328-37	1.3	22
142	Post-operative nausea and vomiting in the cardiac surgery population: who is at risk?. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2014 , 43, 550-4	2.6	21
141	Impact of Reperfusion Calcium and pH on the Resuscitation of Hearts Donated After Circulatory Death. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 122-130	2.7	21
140	Inflammation in myocardial injury: mesenchymal stem cells as potential immunomodulators. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H213-H225	5.2	20
139	Impact of physical activity on depression after cardiac surgery. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1649-56	3.8	20
138	Detection, Prevention, and Management of Delirium in the Critically Ill Cardiac Patient and Patients Who Undergo Cardiac Procedures. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 80-87	3.8	20
137	Association of Depression With Mortality in Older Adults Undergoing Transcatheter or Surgical Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2018 , 3, 191-197	16.2	19
136	Postoperative Atrial Fibrillation After Cardiac Surgery: A Systematic Review and Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 544-554	2.7	19
135	Ramping Up Delivery of Cardiac Surgery During the COVID-19 Pandemic: A Guidance Statement From The Society of Thoracic Surgeons COVID-19 Task Force. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 712-717	2.7	18
134	Long-Term Outcome and Predictors of Noninstitutionalized Survival Subsequent to Prolonged Intensive Care Unit Stay After Cardiac Surgical Procedures. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 56-63; discussion 63	2.7	18
133	Ramping Up the Delivery of Cardiac Surgery During the COVID-19 Pandemic: A Guidance Statement From the Canadian Society of Cardiac Surgeons. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1139-1143	3.8	17
132	Prevention of Critical Care Complications in the Coronary Intensive Care Unit: Protocols, Bundles, and Insights From Intensive Care Studies. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 101-109	3.8	17
131	Systematic review of preoperative physical activity and its impact on postcardiac surgical outcomes. <i>BMJ Open</i> , 2017 , 7, e015712	3	16
130	Growth and positioning of adipose-derived stem cells in microfluidic devices. <i>Lab on A Chip</i> , 2012 , 12, 4829-34	7.2	16

129	Outcomes of octogenarians discharged from the hospital after prolonged intensive care unit length of stay after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1668-1678.e2	1.5	15
128	Early intraoperative iron-binding proteins are associated with acute kidney injury after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 287-297.e2	1.5	15
127	Steroids Limit Myocardial Edema During Ex Vivo Perfusion of Hearts Donated After Circulatory Death. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1763-1770	2.7	14
126	Cholinesterase inhibitors modify the activity of intrinsic cardiac neurons. <i>Experimental Neurology</i> , 2004 , 188, 461-70	5.7	14
125	Inhibition of Viability, Proliferation, Cytokines Secretion, Surface Antigen Expression, and Adipogenic and Osteogenic Differentiation of Adipose-Derived Stem Cells by Seven-Day Exposure to 0.5 T Static Magnetic Fields. <i>Stem Cells International</i> , 2016 , 2016, 7168175	5	14
124	Infective endocarditis in the intensive care unit. <i>Critical Care Clinics</i> , 2013 , 29, 923-51	4.5	13
123	Preoperative anemia does not increase the risks of early surgical revascularization after myocardial infarction. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 542-7	2.7	13
122	Current and Future Status of Extracorporeal Cardiopulmonary Resuscitation for In-Hospital Cardiac Arrest. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 51-60	3.8	13
121	Sex-Specific Determinants of Outcomes After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e005363	5.8	12
120	Externally Applied Static Magnetic Field Enhances Cardiac Retention and Functional Benefit of Magnetically Iron-Labeled Adipose-Derived Stem Cells in Infarcted Hearts. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1380-1393	6.9	12
119	Quantitative assessment of cardiac output and left ventricular function by noninvasive phase-contrast and cine MRI: validation study with invasive pressure-volume loop analysis in a swine model. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 34, 203-10	5.6	12
118	Frailty and Bleeding in Older Adults Undergoing TAVR or SAVR: Insights From the FRAILTY-AVR Study. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1058-1068	5	12
117	Midterm outcomes after postoperative delirium on cognition and mood in patients after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 660-667.e2	1.5	12
116	Habitual Physical Activity in Older Adults Undergoing TAVR: Insights From the FRAILTY-AVR Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 781-789	5	11
115	Adult cardiac surgery and the COVID-19 pandemic: Aggressive infection mitigation strategies are necessary in the operating room and surgical recovery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 447-451	1.5	11
114	Adipose-derived stem cells from both visceral and subcutaneous fat deposits significantly improve contractile function of infarcted rat hearts. <i>Cell Transplantation</i> , 2015 , 24, 2337-51	4	11
113	Sex-differences in relation to the association between patterns of physical activity and sedentary behavior with frailty. <i>Archives of Gerontology and Geriatrics</i> , 2020 , 87, 103972	4	11
112	Prevalence and predictors of exposure to disruptive behaviour in the operating room. <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 781-794	3	10

111	Treatment Outcomes for Right-Sided Endocarditis in Intravenous Drug Users: A Systematic Review and Analysis of Outcomes in a Tertiary Centre. <i>Thoracic and Cardiovascular Surgeon</i> , 2018 , 66, 552-562	1.6	10
110	Primary cardiac ancient schwannoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 733-5	1.5	10
109	Frailty and pre-frailty in cardiac surgery: a systematic review and meta-analysis of 66,448 patients. <i>Journal of Cardiothoracic Surgery</i> , 2021 , 16, 184	1.6	10
108	Engraftment is optimal when myoblasts are transplanted early: the role of hepatocyte growth factor. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 829-35	2.7	9
107	Evaluation of cefazolin antimicrobial prophylaxis during cardiac surgery with cardiopulmonary bypass. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 768-771	5.1	8
106	Hypoxia enhances the therapeutic potential of superparamagnetic iron oxide-labeled adipose-derived stem cells for myocardial infarction. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2017 , 37, 516-522		8
105	The dome of the left atrium: an alternative approach for mitral valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 23, 272-6	3	8
104	Responsiveness of intrinsic cardiac neurons to left atrial and hypothalamic cardioactive peptides. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001 , 92, 11-20	2.4	8
103	Cardiac Surgery-Enhanced Recovery Programs Modified for COVID-19: Key Steps to Preserve Resources, Manage Caseload Backlog, and Improve Patient Outcomes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 3218-3224	2.1	8
102	Preoperative Treatment of Malnutrition and Sarcopenia in Cardiac Surgery: New Frontiers. <i>Critical Care Clinics</i> , 2020 , 36, 593-616	4.5	8
101	Handoffs From the Operating Room to the Intensive Care Unit After Cardiothoracic Surgery: From the Society of Thoracic Surgeons Workforce on Critical Care. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 619-630	2.7	8
100	Antimicrobial Prophylaxis for Patients Undergoing Cardiac Surgery: Intraoperative Cefazolin Concentrations and Sternal Wound Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	8
99	Predictors of survival, functional survival, and hospital readmission in octogenarians after surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1544-1553.e1	1.5	7
98	Improving the Prediction of Cardiac Surgery-Associated Acute Kidney Injury. <i>Kidney International Reports</i> , 2017 , 2, 172-179	4.1	7
97	Diagnosis of Left Ventricular Assist Device Outflow Graft Obstruction Using Intravascular Ultrasound. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	7
96	Delirium and cardiac surgery: progress - and more questions. <i>Critical Care</i> , 2013 , 17, 140	10.8	7
95	Analysis of Short- and Long-term Outcomes of Patients With Surgically Treated Left-sided Infective Endocarditis: A 5-Year Longitudinal Follow-up Study. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017 , 29, 311-320	1.7	7
94	Prehabilitation: The Right Medicine for Older Frail Adults Anticipating Transcatheter Aortic Valve Replacement, Coronary Artery Bypass Graft, and Other Cardiovascular Care. <i>Clinics in Geriatric Medicine</i> , 2019 , 35, 571-585	3.8	7

93	Neurological Manifestations of Coronavirus Disease 2019: A Comprehensive Review and Meta-Analysis of the First 6 Months of Pandemic Reporting. <i>Frontiers in Neurology</i> , 2021 , 12, 664599	4.1	7
92	Transfusion Thresholds for Adult Respiratory Extracorporeal Life Support: An Expert Consensus Document. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1550-1553	3.8	6
91	Alternate antegrade/retrograde perfusion: an effective technique to preserve hypertrophied hearts during valvular surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 69-76	3	6
90	Current myocardial infarction classification does not predict risks of early revascularization. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 528-33	2.7	6
89	A proteomic evaluation of urinary changes associated with cardiopulmonary bypass. <i>Clinical Proteomics</i> , 2016 , 13, 17	5	6
88	Activity-Based Protein Profiling of Intraoperative Serine Hydrolase Activities during Cardiac Surgery. <i>Journal of Proteome Research</i> , 2018 , 17, 3547-3556	5.6	6
87	Early Rehospitalization After Prolonged Intensive Care Unit Stay Post Cardiac Surgery: Outcomes and Modifiable Risk Factors. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	5
86	Prevention and management of spinal cord ischemia following aortic surgery: A survey of contemporary practice. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	5
85	Incidence, secular trends, and outcomes of cardiac surgery in Aboriginal peoples. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1629-36	3.8	5
84	Adipose tissue houses different subtypes of stem cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012 , 90, 1295-301	2.4	5
83	A survey of standardized management protocols after coronary artery bypass grafting surgery in Canadian intensive care units. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 705-10	3.8	5
82	A Province-Wide Analysis of the Epidemiology of Thoracic Aortic Disease: Incidence Is Increasing in a Sex-Specific Way. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1729-1738	3.8	5
81	Perioperative Coronavirus Vaccination-Timing and Implications: A Guidance Document. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1707-1715	2.7	5
80	Extracorporeal Membrane Oxygenation, Pulmonary Embolectomy, and Right Ventricular Assist Device for Massive Pulmonary Embolism. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 950.e7-950.e9	3.8	4
79	Comprehensive Geriatric Assessment in the Management of Older Patients With Cardiovascular Disease. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1231-1252	6.4	4
78	Restricted versus liberal intraoperative benzodiazepine use in cardiac anaesthesia for reducing delirium (B-Free Pilot): a pilot, multicentre, randomised, cluster crossover trial. <i>British Journal of Anaesthesia</i> , 2020 , 125, 38-46	5.4	4
77	Myokines as biomarkers of frailty and cardiovascular disease risk in females. <i>Experimental Gerontology</i> , 2020 , 133, 110859	4.5	4
76	Pathological mechanism for delayed hyperenhancement of chronic scarred myocardium in contrast agent enhanced magnetic resonance imaging. <i>PLoS ONE</i> , 2014 , 9, e96463	3.7	4

75	Simultaneous Salmonella spp. endocarditis and mycotic abdominal aortic aneurysm presentation: a surgical dilemma. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009 , 9, 357-9	1.8	4
74	Delirium definition influences prediction of functional survival in patients one-year postcardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	4
73	Association of earlier extubation and postoperative delirium after coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	4
72	Infective Endocarditis Secondary to Injection Drug Use: A Survey of Canadian Cardiac Surgeons. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1460-1467	2.7	4
71	Collateral circulation formation determines the characteristic profiles of contrast-enhanced MRI in the infarcted myocardium of pigs. <i>Acta Pharmacologica Sinica</i> , 2015 , 36, 463-72	8	3
70	The Association of a Frailty Index and Incident Delirium in Older Hospitalized Patients: An Observational Cohort Study. <i>Clinical Interventions in Aging</i> , 2020 , 15, 2053-2061	4	3
69	Commentary: Rethinking surgical protocols in the COVID-19 era. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, e41	1.5	3
68	Extracorporeal membrane oxygenation before surgical repair of a postinfarction ventricular septal defect. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, e121-e123	1.5	3
67	Right Ventricular Distension in Donor Hearts Following Cardiocirculatory Death: Implications for Post-Transplant Function. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, S95	5.8	3
66	Differential MR delayed enhancement patterns of chronic myocardial infarction between extracellular and intravascular contrast media. <i>PLoS ONE</i> , 2015 , 10, e0121326	3.7	3
65	Multimodality cardiac imaging for the noninvasive characterization of intracardiac neoplasms. <i>International Journal of Cardiology</i> , 2009 , 132, e74-6	3.2	3
64	Diagnostic accuracy of the "4 A _B Test" delirium screening tool for the postoperative cardiac surgery ward. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	3
63	Cardiovascular Care Delivery During the Second Wave of COVID-19 in Canada. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 790-793	3.8	3
62	Randomised controlled trial protocol for the PROTECT-CS Study: PROTein to Enhance outCOMes of (pre)frail paTients undergoing Cardiac Surgery. <i>BMJ Open</i> , 2021 , 11, e037240	3	3
61	Losing Sleep Over Delirium. <i>Critical Care Medicine</i> , 2018 , 46, 1036-1038	1.4	3
60	Standardization of the Fried frailty phenotype improves cardiovascular disease risk discrimination. <i>Experimental Gerontology</i> , 2019 , 119, 40-44	4.5	2
59	Impact of preoperative physical activity and depressive symptoms on post-cardiac surgical outcomes. <i>PLoS ONE</i> , 2019 , 14, e0213324	3.7	2
58	Selection of chemotactic adipose-derived stem cells using a microfluidic gradient generator. <i>RSC Advances</i> , 2015 , 5, 6332-6339	3.7	2

57	Gastrointestinal Hemorrhage in Adults Requiring Extracorporeal Membrane Oxygenation: Incidence, Clinical Predictors, and Impact on Outcomes. <i>Canadian Journal of Cardiology</i> , 2013 , 29, S373-S374	3.8	2
56	The effect of total spinal anesthesia on cardiac function in a large animal model of brain death. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012 , 90, 1287-93	2.4	2
55	Negative pressure pulmonary edema in the coronary care unit. <i>Canadian Journal of Cardiology</i> , 2008 , 24, e58-9	3.8	2
54	Cardiac Surgery ERAS 2020 , 497-511		2
53	Short- and Long-term Outcomes of Medically Treated Isolated Left-Sided Endocarditis: A Retrospective Study With 5-Year Longitudinal Follow-up. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1534-1540	3.8	2
52	Frailty status and cardiovascular disease risk profile in middle-aged and older females. <i>Experimental Gerontology</i> , 2020 , 140, 111061	4.5	2
51	Cardiac surgeons' concerns, perceptions, and responses during the COVID-19 pandemic. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 3040-3051	1.3	2
50	Expert Consensus of Data Elements for Collection for Enhanced Recovery After Cardiac Surgery. <i>World Journal of Surgery</i> , 2021 , 45, 917-925	3.3	2
49	Expanding enhanced recovery protocols for cardiac surgery to include the patient voice: a scoping review protocol. <i>Systematic Reviews</i> , 2021 , 10, 22	3	2
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