

Rakesh C Arora

List of Publications by Year in Descending Order

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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-aware care: giving value to frailty assessment across different healthcare settings.. <i>BMC Geriatrics</i> , 2022 , 22, 13	4.1	0
199	Long-term survival and quality of life after extracorporeal membrane oxygenation.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022 ,	1.5	1
198	Impact of renin-angiotensin-aldosterone system inhibition on mortality in critically ill COVID-19 patients with pre-existing hypertension: a prospective cohort study.. <i>BMC Cardiovascular Disorders</i> , 2022 , 22, 123	2.3	0
197	Fast tracking in cardiac surgery: is it safe?. <i>Journal of Cardiothoracic Surgery</i> , 2022 , 17, 69	1.6	0
196	Non-Invasive Multimodal Neuromonitoring in Non-Critically Ill Hospitalized Adult Patients With COVID-19: A Systematic Review and Meta-Analysis.. <i>Frontiers in Neurology</i> , 2022 , 13, 814405	4.1	0
195	Two-year outcomes from the PARTNER 3 trial: where do we stand?. <i>Current Opinion in Cardiology</i> , 2021 , 36, 141-147	2.1	0
194	Patient Engagement in the Design of a Mobile Health App That Supports Enhanced Recovery Protocols for Cardiac Surgery: Development Study. <i>JMIR Perioperative Medicine</i> , 2021 , 4, e26597	1.5	1
193	Commentary: Peripheral cannulation for postcardiotomy extracorporeal life support: An important piece of a much larger puzzle. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	
192	Commentary: Are serious adverse events inevitable?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 1779-1780	1.5	
191	Protocol for the WARM Hearts study: examining cardiovascular disease risk in middle-aged and older women - a prospective, observational cohort study. <i>BMJ Open</i> , 2021 , 11, e044227	3	0
190	Selecting Elements for a Cardiac Enhanced Recovery Protocol. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 3847-3848	2.1	0
189	Cardiac surgeons' concerns, perceptions, and responses during the COVID-19 pandemic. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 3040-3051	1.3	2
188	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
187	Diagnostic accuracy of the "4 A's Test" delirium screening tool for the postoperative cardiac surgery ward. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	3
186	Commentary: The A-B-C's of H-I-T. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	
185	The Epidemiology of Endocarditis in Manitoba: A Retrospective Study.. <i>CJC Open</i> , 2021 , 3, 1471-1481	2	0
184	Characterizing Physician-Staffing Models in the Care of Postoperative Cardiac Surgical Patients in Canada.. <i>CJC Open</i> , 2021 , 3, 1365-1371	2	

183	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
182	Commentary: Urine output-When less is still less. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 152-153	1.5	
181	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
180	Commentary: Should patients awaiting cardiac surgery who need anticoagulation be on direct oral anticoagulants or vitamin K antagonists?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1876-1877	1.5	1877
179	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
178	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
177	Commentary: Vita ex machina-life from the machine. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1333-1334	1.5	1
176	Commentary: Does a "less is more" approach reduce delirium in patients undergoing coronary artery bypass grafting?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1285-1286	1.5	1
175	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
174	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
173	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
172	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
171	Perioperative Coronavirus Vaccination-Timing and Implications: A Guidance Document. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1707-1715	2.7	5
170	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
169	Prognostic Value of Handgrip Strength in Older Adults Undergoing Cardiac Surgery. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 1760-1766	3.8	0
168	Commentary: In it for the long haul: Posthospital recovery after venovenous extracorporeal membrane oxygenation for coronavirus disease 2019-related acute respiratory distress syndrome.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	
167	Commentary: Stronger together: Interinstitutional collaboration is a key step to improving patient outcomes after contemporary extracorporeal membrane oxygenation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	
166	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

165	Comprehensive Geriatric Assessment in the Management of Older Patients With Cardiovascular Disease. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1231-1252	6.4	4
164	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
163	Commentary: Rethinking surgical protocols in the COVID-19 era. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, e41	1.5	3
162	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
161	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
160	Commentary: Absolute creatinine values and preoperative acute kidney injury in cardiac surgery patients: Are we barking up the wrong tree?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	
159	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
158	Commentary: Frailty and cardiac surgery: Is there strength in numbers?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	
157	Updated nomenclature of delirium and acute encephalopathy: statement of ten Societies. <i>Intensive Care Medicine</i> , 2020 , 46, 1020-1022	14.5	101
156	Myokines as biomarkers of frailty and cardiovascular disease risk in females. <i>Experimental Gerontology</i> , 2020 , 133, 110859	4.5	4
155	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
154	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
153	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
152	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
151	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
150	Cardiac Surgery in the Older Adult 2020 , 589-619		
149	Commentary: Thrombosis and hemorrhage, yin and yang. <i>JTCVS Techniques</i> , 2020 , 4, 156-157	0.2	
148	Cardiac Surgery ERAS 2020 , 497-511		2

147	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
146	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
145	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
144	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
143	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
142	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
141	Frailty status and cardiovascular disease risk profile in middle-aged and older females. <i>Experimental Gerontology</i> , 2020 , 140, 111061	4.5	2
140	The COMPASS trial: practical considerations for application after coronary artery bypass surgery. <i>Current Opinion in Cardiology</i> , 2020 , 35, 583-588	2.1	1
139	Delirium Prevention in Postcardiac Surgical Critical Care. <i>Critical Care Clinics</i> , 2020 , 36, 675-690	4.5	1
138	Reply: Have we done the best that we could have done?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, e149-e151	1.5	
137	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
136	Preoperative Treatment of Malnutrition and Sarcopenia in Cardiac Surgery: New Frontiers. <i>Critical Care Clinics</i> , 2020 , 36, 593-616	4.5	8
135	Survey of Contemporary Cardiac Surgery Intensive Care Unit Models in the United States. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 702-710	2.7	1
134	Commentary: Leading the way to better surgical outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 985-986	1.5	
133	Commentary: Can a health care quality lens clarify transfusion practice in perioperative cardiac surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 974-975	1.5	
132	Commentary: Having the right MINDset. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1901-1902	1.5	
131	Commentary: A "shoot first (with anti-psychotics) and ask questions later" approach is not appropriate for the management of delirium after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1899-1900	1.5	
130	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

129	The clinical decision algorithm: If it's too complicated, we won't remember it, if it's too hard, we won't use it. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, e44-e45	1.5	
128	Commentary: Modern antihyperglycemic medications in the era of the frail cardiac surgical patient. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 1118-1119	1.5	
127	Standardization of the Fried frailty phenotype improves cardiovascular disease risk discrimination. <i>Experimental Gerontology</i> , 2019 , 119, 40-44	4.5	2
126	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
125	Prevalence and predictors of exposure to disruptive behaviour in the operating room. <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 781-794	3	10
124	Guidelines for Perioperative Care in Cardiac Surgery: Enhanced Recovery After Surgery Society Recommendations. <i>JAMA Surgery</i> , 2019 , 154, 755-766	5.4	264
123	Taking UP the chronic pulmonary obstructive disease gauntlet. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e192	1.5	
122	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
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	When on ECMO: Awaken, Extubate and Mobilize. <i>Difficult Decisions in Surgery: an Evidence-based Approach</i> , 2019 , 255-271	0	
119	Impact of preoperative physical activity and depressive symptoms on post-cardiac surgical outcomes. <i>PLoS ONE</i> , 2019 , 14, e0213324	3.7	2
118	Why does infective endocarditis from injection drug use bite the tricuspid valve?. <i>International Journal of Cardiology</i> , 2019 , 294, 52	3.2	
117	Cardiac Surgery in the Older Adult 2019 , 1-32		
116	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
115	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
114	Commentary: Does valve choice matter in patients receiving hemodialysis?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 2187-2188	1.5	
113	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
112	Association of earlier extubation and postoperative delirium after coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	4

111	Long-term non-institutionalized survival and rehospitalization after surgical aortic and mitral valve replacements in a large provincial cardiac surgery centre. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 131-138	1.8	0
110	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
109	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
108	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
107	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
106	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
105	Evaluation of cefazolin antimicrobial prophylaxis during cardiac surgery with cardiopulmonary bypass. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 768-771	5.1	8
104	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
103	A systematic review of the association between sedentary behaviors with frailty. <i>Experimental Gerontology</i> , 2018 , 114, 1-12	4.5	34
102	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
101	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
100	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
99	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
98	Losing Sleep Over Delirium. <i>Critical Care Medicine</i> , 2018 , 46, 1036-1038	1.4	3
97	Malnutrition and Mortality in Frail and Non-Frail Older Adults Undergoing Aortic Valve Replacement. <i>Circulation</i> , 2018 , 138, 2202-2211	16.7	43
96	"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
95	Cardiac surgery as a stressor and the response of the vulnerable older adult. <i>Experimental Gerontology</i> , 2017 , 87, 168-174	4.5	25
94	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

93	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
92	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
91	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
90	The intensive care delirium research agenda: a multinational, interprofessional perspective. <i>Intensive Care Medicine</i> , 2017 , 43, 1329-1339	14.5	93
89	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
88	Improving the Prediction of Cardiac Surgery-Associated Acute Kidney Injury. <i>Kidney International Reports</i> , 2017 , 2, 172-179	4.1	7
87	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
86	Is routine use of renal injury biomarkers in cardiac surgery patients putting the cart before the horse?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 938-939	1.5	1
85	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
84	Systematic review of preoperative physical activity and its impact on postcardiac surgical outcomes. <i>BMJ Open</i> , 2017 , 7, e015712	3	16
83	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
82	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
81	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
80	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
79	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
78	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
77	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
76	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

75	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
74	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
73	Preservation of Myocardial Perfusion and Function by Keeping Hypertrophied Heart Empty and Beating for Valve Surgery: An In Vivo MR Study of Pig Hearts. <i>BioMed Research International</i> , 2017 , 2017, 4107587	3	1
72	Diagnosis of Left Ventricular Assist Device Outflow Graft Obstruction Using Intravascular Ultrasound. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	7
71	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
70	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
69	The Association Between Preoperative Frailty and Postoperative Delirium After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2016 , 123, 430-5	3.9	67
68	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
67	Current approach to diagnosis and treatment of delirium after cardiac surgery. <i>Annals of Cardiac Anaesthesia</i> , 2016 , 19, 328-37	1.3	22
66	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
65	A proteomic evaluation of urinary changes associated with cardiopulmonary bypass. <i>Clinical Proteomics</i> , 2016 , 13, 17	5	6
64	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
63	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
62	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
61	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
60	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
59	Selection of chemotactic adipose-derived stem cells using a microfluidic gradient generator. <i>RSC Advances</i> , 2015 , 5, 6332-6339	3.7	2
58	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

57	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
56	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
55	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
54	The Perception of Evidence for Venous Thromboembolism Prophylaxis Current Practices after Cardiac Surgery: A Canadian Cross-Sectional Survey. <i>Thrombosis</i> , 2015 , 2015, 795645		1
53	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
52	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
51	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
50	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
49	Temporal dystrophic remodeling within the intrinsic cardiac nervous system of the streptozotocin-induced diabetic rat model. <i>Acta Neuropathologica Communications</i> , 2014 , 2, 60	7.3	1
48	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
47	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
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