

Michael Chu

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.

189
papers

2,861
citations

26
h-index

47
g-index

206
ext. papers

3,523
ext. citations

3.2
avg, IF

4.93
L-index

#	Paper	IF	Citations
189	High-dose tranexamic Acid is associated with nonischemic clinical seizures in cardiac surgical patients. <i>Anesthesia and Analgesia</i> , 2010 , 110, 350-3	3.9	254
188	Does clopidogrel increase blood loss following coronary artery bypass surgery?. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1536-41	2.7	213
187	Transapical minimally invasive aortic valve implantation; the initial 50 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 983-8	3	174
186	Perioperative N-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing cabg surgery: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2005 , 294, 342-50	27.4	160
185	Robotic mitral valve repairs in 300 patients: a single-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 436-41	1.5	136
184	Clinical Outcomes With a Repositionable Self-Expanding Transcatheter Aortic Valve Prosthesis: The International FORWARD Study. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 845-853	15.1	101
183	Bicuspid aortic valve disease and ascending aortic aneurysms: gaps in knowledge. <i>Cardiology Research and Practice</i> , 2012 , 2012, 145202	1.9	54
182	Single-stage hybrid coronary revascularization with long-term follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 45, 438-42; discussion 442-3	3	53
181	Robotic mitral valve repair for anterior leaflet and bileaflet prolapse. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 438-44; discussion 444	2.7	50
180	Canadian Cardiovascular Society/Canadian Society of Cardiac Surgeons/Canadian Society for Vascular Surgery Joint Position Statement on Open and Endovascular Surgery for Thoracic Aortic Disease. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 703-13	3.8	50
179	Aortic Arch Reconstructive Surgery With Conventional Techniques vs Frozen Elephant Trunk: A Systematic Review and Meta-Analysis. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 262-273	3.8	45
178	SUPERIOR SVG: no touch saphenous harvesting to improve patency following coronary bypass grafting (a multi-Centre randomized control trial, NCT01047449). <i>Journal of Cardiothoracic Surgery</i> , 2019 , 14, 85	1.6	42
177	Collagenase-resistant collagen promotes mouse aging and vascular cell senescence. <i>Aging Cell</i> , 2014 , 13, 121-30	9.9	41
176	Prospective evaluation of consultant surgeon sleep deprivation and outcomes in more than 4000 consecutive cardiac surgical procedures. <i>Archives of Surgery</i> , 2011 , 146, 1080-5		39
175	Berlin Heart ventricular assist device in a child with hypoplastic left heart syndrome. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1179-81	2.7	39
174	State-of-the-Art Surgical Management of Acute Type A Aortic Dissection. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 100-9	3.8	38
173	Sex-Related Differences in Patients Undergoing Thoracic Aortic Surgery. <i>Circulation</i> , 2019 , 139, 1177-1184	6.7	38

172	Unilateral postoperative pulmonary edema after minimally invasive cardiac surgical procedures: a case-control study. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 115-22	2.7	36
171	Minimally invasive off-pump valve-in-a-ring implantation: the atrial transcatheter approach for re-operative mitral valve replacement after failed repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 965-9; discussion 969	3	36
170	Nicotinamide Phosphoribosyltransferase in Smooth Muscle Cells Maintains Genome Integrity, Resists Aortic Medial Degeneration, and Is Suppressed in Human Thoracic Aortic Aneurysm Disease. <i>Circulation Research</i> , 2017 , 120, 1889-1902	15.7	34
169	Robotic "haircut" mitral valve repair: posterior leaflet-plasty. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1460-2.	2.7	34
168	Transcatheter Aortic Valve Implantation With or Without Preimplantation Balloon Aortic Valvuloplasty: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	34
167	US-fluoroscopy registration for transcatheter aortic valve implantation. <i>IEEE Transactions on Biomedical Engineering</i> , 2012 , 59, 1444-53	5	33
166	Minimally invasive off-pump valve-in-a-valve implantation: the atrial transcatheter approach for re-operative mitral valve replacement. <i>European Heart Journal</i> , 2008 , 29, 2382-7	9.5	31
165	The Use of Topical Hemostatic Agents in Cardiothoracic Surgery. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 353-360	2.7	30
164	Evaluation of robotic cardiac surgery simulation training: A randomized controlled trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1498-1505.e2	1.5	29
163	Comparison of Outcomes of Balloon-Expandable Versus Self-Expandable Transcatheter Heart Valves for Severe Aortic Stenosis. <i>American Journal of Cardiology</i> , 2017 , 119, 1094-1099	3	26
162	Early Clinical Outcomes of Hybrid Arch Frozen Elephant Trunk Repair With the Thoraflex Hybrid Graft. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 47-53	2.7	25
161	A prospective observational study of seizures after cardiac surgery using continuous EEG monitoring. <i>Neurocritical Care</i> , 2014 , 21, 220-7	3.3	24
160	Transcatheter aortic valve implantation: time to expand?. <i>Current Opinion in Cardiology</i> , 2008 , 23, 111-6	2.1	24
159	The Perceval Sutureless Aortic Valve: Review of Outcomes, Complications, and Future Direction. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 155-173	1.5	23
158	Does the trainee's level of experience impact on patient safety and clinical outcomes in coronary artery bypass surgery?. <i>Journal of Cardiac Surgery</i> , 2008 , 23, 1-5	1.3	22
157	Validation of a Novel Virtual Reality Training Curriculum for Robotic Cardiac Surgery: A Randomized Trial. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015 , 10, 383-8	1.5	21
156	Impact of a tailored surgical approach on autograft root dimensions in patients undergoing the Ross procedure for aortic regurgitation. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 959-967	3	20
155	Clinical outcomes of minimally invasive endoscopic and conventional sternotomy approaches for atrial septal defect repair. <i>Canadian Journal of Surgery</i> , 2014 , 57, E75-81	2	19

154	Innominate and Axillary Cannulation in Aortic Arch Surgery Provide Similar Neuroprotection. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 117-23	3.8	18
153	Minimally Invasive Bi-Atrial CryoMaze Operation for Atrial Fibrillation. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2009 , 14, 208-223	0.9	18
152	Comparison of isoflurane and sevoflurane in cardiac surgery: a randomized non-inferiority comparative effectiveness trial. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 1128-39	3	18
151	Seno-destructive smooth muscle cells in the ascending aorta of patients with bicuspid aortic valve disease. <i>EBioMedicine</i> , 2019 , 43, 54-66	8.8	17
150	Blood conservation strategies reduce the need for transfusions in ascending and aortic arch surgery. <i>Perfusion (United Kingdom)</i> , 2013 , 28, 315-21	1.9	17
149	Endovascular repair of thoracic aortic disease: early and midterm experience. <i>Vascular and Endovascular Surgery</i> , 2007 , 41, 186-91	1.4	16
148	Cause of Death Following Surgery for Acute Type A Dissection: Evidence from the Canadian Thoracic Aortic Collaborative. <i>Aorta</i> , 2017 , 5, 33-41	0.9	15
147	Collectivization of Vascular Smooth Muscle Cells via TGF- β -Cadherin-11-Dependent Adhesive Switching. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1254-64	9.4	15
146	Intrinsic directionality of migrating vascular smooth muscle cells is regulated by NAD(+) biosynthesis. <i>Journal of Cell Science</i> , 2012 , 125, 5770-80	5.3	15
145	Augmented reality image guidance improves navigation for beating heart mitral valve repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012 , 7, 274-81	1.5	15
144	Is the Future of Coronary Arterial Revascularization a Hybrid Approach?: The Canadian Experience Across Three Centers. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 82-86	1.5	14
143	Urine Biomarkers and Perioperative Acute Kidney Injury: The Impact of Preoperative Estimated GFR. <i>American Journal of Kidney Diseases</i> , 2015 , 66, 1006-14	7.4	14
142	Treatment Options for Bilateral Autologous Breast Reconstruction in Patients with Inadequate Donor-Site Volume. <i>Journal of Reconstructive Microsurgery</i> , 2017 , 33, 305-311	2.5	13
141	Early and late outcomes after cardiac retransplantation. <i>Canadian Journal of Surgery</i> , 2013 , 56, 21-6	2	13
140	A navigation platform for guidance of beating heart transapical mitral valve repair. <i>IEEE Transactions on Biomedical Engineering</i> , 2013 , 60, 1034-40	5	13
139	First North American experience with the transfemoral ACURATE-neo self-expanding transcatheter aortic bioprosthesis. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 90, 130-138	2.7	13
138	Transcatheter heart-valve replacement: update. <i>Cmaj</i> , 2010 , 182, 791-5	3.5	13
137	Augmented Reality System for Ultrasound Guidance of Transcatheter Aortic Valve Implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 31-9; discussion 39	1.5	13

136	Complications and Cost Analysis of Intraoperative Arterial Complications in Head and Neck Free Flap Reconstruction. <i>Journal of Reconstructive Microsurgery</i> , 2017 , 33, 318-327	2.5	12
135	Knowledge, attitudes, and practice preferences of Canadian cardiac surgeons toward the management of acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 824-31.e1-5	1.5	12
134	3-Dimensional-Printed Model for Planning Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 812-813	5	12
133	The Ross procedure versus prosthetic and homograft aortic valve replacement: a systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 55, 247-255	3	12
132	Long-term safety and effectiveness of drug-eluting stents for the treatment of saphenous vein grafts disease: a population-based study. <i>JACC: Cardiovascular Interventions</i> , 2011 , 4, 965-73	5	12
131	Learning curve analysis of thoracic endovascular aortic repair in relation to credentialing guidelines. <i>Journal of Vascular Surgery</i> , 2007 , 46, 218-22	3.5	12
130	Higher-risk mitral valve operations after previous sternotomy: endoscopic, minimally invasive approach improves patient outcomes. <i>Canadian Journal of Surgery</i> , 2016 , 59, 399-406	2	12
129	Concomitant Tricuspid Repair in Patients with Degenerative Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2021 ,	59.2	12
128	Single-Stage Management of Dynamic Malperfusion Using a Novel Arch Remodeling Hybrid Graft. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1768-1775	2.7	12
127	Early clinical outcomes of a novel self-expanding transapical transcatheter aortic valve bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 810-818	1.5	11
126	Clinical outcomes after trans-catheter aortic valve replacement in men and women in Ontario, Canada. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 90, 486-494	2.7	11
125	Axillary versus innominate artery cannulation for antegrade cerebral perfusion in aortic surgery: design of the Aortic Surgery Cerebral Protection Evaluation (ACE) CardioLink-3 randomised trial. <i>BMJ Open</i> , 2017 , 7, e014491	3	11
124	Minimally invasive mitral repair surgery: why does controversy still persist?. <i>Expert Review of Cardiovascular Therapy</i> , 2017 , 15, 15-24	2.5	11
123	Long-term patency of endoscopically harvested radial arteries: from a randomized controlled trial. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015 , 10, 77-84	1.5	11
122	Omega-6 polyunsaturated fatty acids: is a broad cholesterol-lowering health claim appropriate?. <i>Cmaj</i> , 2014 , 186, 434-9	3.5	11
121	Reoperative transapical aortic valve implantation for early structural valve deterioration of a SAPIEN XT valve. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 2169-70	2.7	11
120	Feasibility of internal mammary vessel use in breast reconstruction versus coronary artery bypass surgery: an anatomic, cadaveric evaluation. <i>Plastic and Reconstructive Surgery</i> , 2011 , 127, 1783-1789	2.7	11
119	Salvaging catastrophe in transcatheter aortic valve implantation: rehearsal, preassigned roles, and emergency preparedness. <i>Canadian Journal of Anaesthesia</i> , 2015 , 62, 918-26	3	10

118	Hybrid aortic arch and frozen elephant trunk reconstruction: bridging the gap between conventional and total endovascular arch repair. <i>Expert Review of Cardiovascular Therapy</i> , 2018 , 16, 209-217	2.5	10
117	Traumatic innominate artery disruption and aortic valve rupture. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 1095-7	2.7	10
116	Neonatal repair of right interrupted aortic arch, aberrant left subclavian artery, ventricular septal defect and retroaortic innominate vein. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 555-7	3	9
115	Minimally Invasive Periareolar Approach to Unroofed Coronary Sinus Atrial Septal Defect Repair. <i>Annals of Thoracic Surgery</i> , 2016 , 102, e223-e225	2.7	9
114	Dissected Aorta Repair Through Stent Implantation trial: Canadian results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1763-1771	1.5	9
113	Developing skills for thoracic aortic surgery with hypothermic circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1360-1368.e8	1.5	8
112	Impact of brain protection strategies on mortality and stroke in patients undergoing aortic arch repair with hypothermic circulatory arrest: evidence from the Canadian Thoracic Aortic Collaborative. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 95-103	3	8
111	Dynamic Patient-Specific Three-Dimensional Simulation of Mitral Repair: Can We Practice Mitral Repair Preoperatively?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 11-22	1.5	8
110	Management of the difficult left subclavian artery during aortic arch repair. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 414-421	4.7	8
109	Defining the efficacy of aortic root enlargement procedures: a comparative analysis of surgical techniques. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 434-40	3.8	8
108	Humanitarian cardiac care in Arequipa, Peru: experiences of a multidisciplinary Canadian cardiovascular team. <i>Canadian Journal of Surgery</i> , 2012 , 55, 171-6	2	8
107	Randomised trial of mitral valve repair with leaflet resection versus leaflet preservation on functional mitral stenosis (The CAMRA CardioLink-2 Trial). <i>BMJ Open</i> , 2017 , 7, e015032	3	8
106	Complex tricuspid valve repair for infective endocarditis: leaflet augmentation, chordae and annular reconstruction. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2015 , 2015,	0.2	8
105	The role of visual and direct force feedback in robotics-assisted mitral valve annuloplasty. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017 , 13, e1787	2.9	7
104	Phantom study of an ultrasound guidance system for transcatheter aortic valve implantation. <i>Computerized Medical Imaging and Graphics</i> , 2016 , 50, 24-30	7.6	7
103	Surface-Based CT-TEE Registration of the Aortic Root. <i>IEEE Transactions on Biomedical Engineering</i> , 2013 , 60, 3382-90	5	7
102	Randomized, Controlled Trial Comparing Mitral Valve Repair With Leaflet Resection Versus Leaflet Preservation on Functional Mitral Stenosis: The CAMRA CardioLink-2 Study. <i>Circulation</i> , 2020 , 142, 1342-1350	16.7	7
101	Ultrafast Track Robotic-Assisted Minimally Invasive Coronary Artery Surgical Revascularization. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 346-350	1.5	6

100	Outcomes after Ross procedure in adult patients: A meta-analysis and microsimulation. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 285-292	1.3	6
99	The Ross procedure is a safe and durable option in adults with infective endocarditis: a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 537-543	3	6
98	Association of comorbid burden with clinical outcomes after transcatheter aortic valve implantation. <i>Heart</i> , 2018 , 104, 2058-2066	5.1	6
97	Left atrial reduction plasty: a novel technique. <i>Annals of Thoracic Surgery</i> , 2012 , 93, e77-9	2.7	6
96	The critical role of imaging navigation and guidance in transcatheter aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 1241-3	1.5	6
95	Robotic mitral valve repairs requiring reoperations. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2008 , 3, 12-5	1.5	6
94	Frozen Elephant Trunk for Aortic Arch Reconstruction is Associated with Reduced Mortality as Compared to Conventional Techniques. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	6
93	Safety, efficacy, and hemodynamic performance of a stented bovine pericardial aortic valve bioprosthesis: Two-year analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 371-381.e4	1.5	6
92	Transcatheter ACURATE-TA Aortic Valve Implantation in a Patient With a Previous Mechanical Mitral Valve. <i>Annals of Thoracic Surgery</i> , 2015 , 100, e115-7	2.7	5
91	Hybrid arch frozen elephant trunk repair: evidence from the Canadian Thoracic Aortic Collaborative. <i>Annals of Cardiothoracic Surgery</i> , 2020 , 9, 189-196	4.7	5
90	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
89	Omental Vascularized Lymph Node Flap: A Radiographic Analysis. <i>Journal of Reconstructive Microsurgery</i> , 2018 , 34, 472-477	2.5	5
88	Clinical outcomes of a combined transcatheter and minimally invasive atrial septal defect repair program using a Heart Team Approach. <i>Journal of Cardiothoracic Surgery</i> , 2018 , 13, 11	1.6	5
87	Clinical performance of a three-dimensional saddle-shaped, rigid ring for mitral valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 55, 217-223	3	5
86	Validation of a Novel Virtual Reality Training Curriculum for Robotic Cardiac Surgery a Randomized Trial. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015 , 10, 383-388	1.5	5
85	Reason and Timing for Conversion to Sternotomy in Robotic-Assisted Coronary Artery Bypass Grafting and Patient Outcomes. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 423-427	1.5	5
84	Expanding Eligibility for the Ross Procedure: A Reasonable Proposition?. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 759-765	3.8	4
83	First North American Experience With the Engager Self-Expanding Transcatheter Aortic Valve: Insights From the London Health Sciences Centre Heart Team. <i>Annals of Thoracic Surgery</i> , 2016 , 102, e167-71	2.7	4

82	Successful treatment of mechanical mitral valve thrombosis without thrombolytic therapy or surgery. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1532.e1-3	3.8	4
81	Transcatheter aortic valve implantation in a patient with severe aortic insufficiency and minimal aortic annular calcification. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1138.e9-1138.e11	3.8	4
80	Whole body perfusion for hybrid aortic arch repair: evolution of selective regional perfusion with a modified extracorporeal circuit. <i>Perfusion (United Kingdom)</i> , 2017 , 32, 230-237	1.9	4
79	Evaluating the effect of three-dimensional visualization on force application and performance time during robotics-assisted mitral valve repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013 , 8, 199-205	1.5	4
78	Spontaneous aortic arch thrombus presenting as acute critical limb ischemia. <i>Vascular and Endovascular Surgery</i> , 2010 , 44, 309-11	1.4	4
77	Robotic coronary artery bypass for aberrant right coronary artery stenosis. <i>Canadian Journal of Cardiology</i> , 2010 , 26, 326-7	3.8	4
76	Percutaneous endoscopic transapical aortic valve implantation: three experimental transcatheter models. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011 , 13, 251-6	1.8	4
75	Three-Dimensional Ultrasound Probe Pose Estimation from Single-Perspective X-Rays for Image-Guided Interventions. <i>Lecture Notes in Computer Science</i> , 2010 , 344-352	0.9	4
74	First-in-Human Use of the Cook Hybrid Frozen Elephant Trunk Graft: The Canadian Experience. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 1876-1882	2.7	4
73	Whole body perfusion strategy for aortic arch repair under moderate hypothermia. <i>Perfusion (United Kingdom)</i> , 2018 , 33, 254-263	1.9	4
72	Cardiac-Referenced Leukocyte Telomere Length and Outcomes After Cardiovascular Surgery. <i>JACC Basic To Translational Science</i> , 2018 , 3, 591-600	8.7	4
71	Prophylactic Right Ventricular Assist Device for High-Risk Patients Undergoing Valve Corrective Surgery. <i>CJC Open</i> , 2019 , 1, 19-27	2	3
70	Symetis valve implantation in failing freestyle with close proximity between coronary Ostia and annulus. <i>Annals of Thoracic Surgery</i> , 2015 , 99, e87-8	2.7	3
69	Late-Start Days Increase Total Operative Time in Microvascular Breast Reconstruction. <i>Journal of Reconstructive Microsurgery</i> , 2015 , 31, 401-6	2.5	3
68	Mitral repair and the robot: a revolutionary tool or marketing ploy?. <i>Current Opinion in Cardiology</i> , 2018 , 33, 148-154	2.1	3
67	Complete Obliteration of the Left Atrial Appendage: An Analysis of Epicardial Excision and Novel Pericardial Patch Exclusion. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 282-7	1.5	3
66	Bicuspid aortic valve disease. <i>Cmaj</i> , 2013 , 185, 1599	3.5	3
65	Aortic arch replacement and elephant trunk procedure: an interdisciplinary approach to surgical reconstruction, perfusion strategies and blood management. <i>Perfusion (United Kingdom)</i> , 2010 , 25, 369-79	1.9	3

64	Comparison of outcomes of root replacement procedures and supracoronary techniques for surgical repair of acute aortic dissection. <i>Canadian Journal of Surgery</i> , 2017 , 60, 198-204	2	3
63	Minimally Invasive Repair of Partial Atrioventricular Canal Defect. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 270.e3-5	3.8	2
62	Multimodal imaging of aortic annulus and root geometry after valve sparing root reconstruction. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 362-371	4.7	2
61	Consequences of Hybrid Procedure Addition to Robotic-Assisted Direct Coronary Artery Bypass. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 192-196	1.5	2
60	Recalcitrant prosthetic valve endocarditis requiring repeated reconstruction: running out of options. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1732.e5-8	3.8	2
59	Ascending-to-descending aortic bypass and aortic valve replacement for concomitant severe aortic coarctation and aortic stenosis. <i>Vascular and Endovascular Surgery</i> , 2011 , 45, 303-6	1.4	2
58	Safety of Direct Oral Anticoagulants Compared to Warfarin for Atrial Fibrillation after Cardiac Surgery: A Systematic Review and Meta-Analysis. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	2
57	Minimally invasive endoscopic repair of atrial septal defects via right minithoracotomy. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2016 , 2016,	0.2	2
56	Transcaval Transcatheter Aortic Valve Replacement With the ACURATE-neo Aortic Bioprosthesis: First North American Experience. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, e199-e201	5	2
55	A Novel Hybrid Approach to Iatrogenic Circumflex Artery Injury After Mitral Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020 , 32, 486-489	1.7	2
54	Black Aortic Valve: A Surprise Finding of What Clinical Relevance?. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 831.e7-831.e8	3.8	1
53	Minimally invasive periareolar approach to repair sinus venosus atrial septal defect with partial anomalous pulmonary venous connection. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 1653-1656	1.3	1
52	Autologous Pericardial Reconstruction of Ruptured Salmonella Mycotic Aortic Arch Aneurysm. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 136.e1-3	3.8	1
51	Left ventricular remodeling after mini-mitral repair-does the complexity of mitral disease matter?. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 913-918	1.3	1
50	Transventricular crushing and extrication of embolized transcatheter aortic valve prosthesis. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1109.e3-4	3.8	1
49	Hybrid Arch Frozen Elephant Trunk for Persistent Endoleak After Thoracic Endovascular Aortic Repair. <i>Annals of Thoracic Surgery</i> , 2017 , 104, e227-e229	2.7	1
48	Aortic Valve Stenosis and Left Main Coronary Disease: Hybrid Approach. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015 , 10, 435-7	1.5	1
47	Percutaneous superior vena cava drainage during minimally invasive mitral valve surgery: a randomized, crossover study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 101-6	2.1	1

46	Reoperative minimally invasive mitral valve replacement for bovine pericardial valve thrombosis secondary to idiopathic hypereosinophilic syndrome. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 868.e11-3 ^{3.8}		1
45	Can internal thoracic arteries be used for both coronary artery bypass and breast reconstruction?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012 , 15, 811-5	1.8	1
44	Cystic tuberculous constrictive pericarditis. <i>Cmaj</i> , 2007 , 177, 148	3.5	1
43	A Navigation Platform for Guidance of Beating Heart Transapical Mitral Valve Repair. <i>Lecture Notes in Computer Science</i> , 2012 , 84-93	0.9	1
42	Evolution of Tricuspid Regurgitation After Repair of Degenerative Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1350-1355	2.7	1
41	Minimally Invasive Versus Sternotomy for Mitral Surgery in the Elderly: A Systematic Review and Meta-Analysis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021 , 16, 310-316	1.5	1
40	Transthoracic aorto-axillary extra-anatomical bypass for difficult subclavian artery revascularization: a multicenter patency study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 33, 763-764	1.8	1
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