

# Marc A Ruel

## List of Publications by Year in descending order

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403  
papers

12,615  
citations

20817

60  
h-index

39675

94  
g-index

414  
all docs

414  
docs citations

414  
times ranked

11829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive Factors, Management, and Clinical Outcomes of Coronary Obstruction Following Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1552-1562.	2.8	502
2	Secondary Prevention After Coronary Artery Bypass Graft Surgery. <i>Circulation</i> , 2015, 131, 927-964.	1.6	313
3	Adverse Effects Associated With Transcatheter Aortic Valve Implantation. <i>Annals of Internal Medicine</i> , 2013, 158, 35.	3.9	237
4	Mechanisms, Consequences, and Prevention of Coronary Graft Failure. <i>Circulation</i> , 2017, 136, 1749-1764.	1.6	211
5	Late Cardiac Death in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2015, 65, 437-448.	2.8	196
6	Comparison of coronary artery bypass surgery and percutaneous coronary intervention in patients with diabetes: a meta-analysis of randomised controlled trials. <i>Lancet Diabetes and Endocrinology</i> , 2013, 1, 317-328.	11.4	195
7	Aspirin Plus Clopidogrel Versus Aspirin Alone After Coronary Artery Bypass Grafting. <i>Circulation</i> , 2010, 122, 2680-2687.	1.6	183
8	Minimally Invasive Coronary Artery Bypass Grafting. <i>Circulation</i> , 2009, 120, S78-84.	1.6	179
9	Skeletonized Internal Thoracic Artery Harvest Reduces Pain and Dysesthesia and Improves Sternal Perfusion After Coronary Artery Bypass Surgery. <i>Circulation</i> , 2006, 114, 766-773.	1.6	175
10	Prosthesis-patient mismatch after aortic valve replacement predominantly affects patients with preexisting left ventricular dysfunction: Effect on survival, freedom from heart failure, and left ventricular mass regression. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 1036-1044.	0.8	175
11	Cardiovascular progenitor-derived extracellular vesicles recapitulate the beneficial effects of their parent cells in the treatment of chronic heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 795-807.	0.6	161
12	Long-term effects of surgical angiogenic therapy with fibroblast growth factor 2 protein. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 124, 28-34.	0.8	145
13	Transcatheter Aortic Valve Implantation: A Canadian Cardiovascular Society Position Statement. <i>Canadian Journal of Cardiology</i> , 2012, 28, 520-528.	1.7	142
14	A Collagen-Chitosan Hydrogel for Endothelial Differentiation and Angiogenesis. <i>Tissue Engineering - Part A</i> , 2010, 16, 3099-3109.	3.1	139
15	Randomized comparison of the clinical outcome of single versus multiple arterial grafts: the ROMA trial rationale and study protocol. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 1031-1040.	1.4	136
16	Very Long-Term Survival Implications of Heart Valve Replacement With Tissue Versus Mechanical Prostheses in Adults <60 Years of Age. <i>Circulation</i> , 2007, 116, 1294-300.	1.6	133
17	Late incidence and predictors of persistent or recurrent heart failure in patients with aortic prosthetic valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 149-159.	0.8	128
18	Late incidence and predictors of persistent or recurrent heart failure in patients with mitral prosthetic valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 278-283.	0.8	128

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19	Clinical and Echocardiographic Impact of Functional Tricuspid Regurgitation Repair at the Time of Mitral Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1209-1215.	1.3	127
20	Tissue-Engineered Injectable Collagen-Based Matrices for Improved Cell Delivery and Vascularization of Ischemic Tissue Using CD133+ Progenitors Expanded From the Peripheral Blood. <i>Circulation</i> , 2006, 114, 1-138-1-144.	1.6	124
21	Defining an Intraoperative Hypotension Threshold in Association with Stroke in Cardiac Surgery. <i>Anesthesiology</i> , 2018, 129, 440-447.	2.5	124
22	Late incidence and determinants of reoperation in patients with prosthetic heart valves. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 25, 364-370.	1.4	123
23	Natural History and Management of Aortocoronary Saphenous Vein Graft Aneurysms. <i>Circulation</i> , 2012, 126, 2248-2256.	1.6	122
24	Mechanical versus bioprosthetic valve replacement in middle-aged patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 30, 485-491.	1.4	120
25	Long-term outcomes of valve replacement with modern prostheses in young adults. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 27, 425-433.	1.4	114
26	Percutaneous Mitral Valve Repair for Chronic Ischemic Mitral Regurgitation. <i>Circulation</i> , 2005, 111, 2183-2189.	1.6	109
27	The effect of encapsulation of cardiac stem cells within matrix-enriched hydrogel capsules on cell survival, post-ischemic cell retention and cardiac function. <i>Biomaterials</i> , 2014, 35, 133-142.	11.4	104
28	Results of the minimally invasive coronary artery bypass grafting angiographic patency study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 203-209.	0.8	104
29	Injectable human recombinant collagen matrices limit adverse remodeling and improve cardiac function after myocardial infarction. <i>Nature Communications</i> , 2019, 10, 4866.	12.8	103
30	Late incidence and determinants of stroke after aortic and mitral valve replacement. <i>Annals of Thoracic Surgery</i> , 2004, 78, 77-83.	1.3	102
31	Natural History and Predictors of Outcome in Patients With Concomitant Functional Mitral Regurgitation at the Time of Aortic Valve Replacement. <i>Circulation</i> , 2006, 114, 1-541-1-546.	1.6	102
32	Impact of Statin Use on Outcomes After Coronary Artery Bypass Graft Surgery. <i>Circulation</i> , 2008, 118, 1785-1792.	1.6	102
33	Genetics and Genomics for the Prevention and Treatment of Cardiovascular Disease: Update. <i>Circulation</i> , 2013, 128, 2813-2851.	1.6	100
34	Long-term Outcomes in Patients With Severely Reduced Left Ventricular Ejection Fraction Undergoing Percutaneous Coronary Intervention vs Coronary Artery Bypass Grafting. <i>JAMA Cardiology</i> , 2020, 5, 631.	6.1	100
35	Enlargement of the Small Aortic Root During Aortic Valve Replacement: Is There a Benefit?. <i>Annals of Thoracic Surgery</i> , 2008, 85, 94-100.	1.3	99
36	Reoperation of Left Heart Valve Bioprostheses According to Age at Implantation. <i>Circulation</i> , 2011, 124, S75-80.	1.6	99

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37	The impact of patient-prosthesis mismatch on late outcomes after mitral valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1464-1473.e3.	0.8	95
38	Clinical Impact of Mild Acute Kidney Injury After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2014, 98, 815-822.	1.3	92
39	Exploiting extracellular matrix-stem cell interactions: A review of natural materials for therapeutic muscle regeneration. <i>Biomaterials</i> , 2012, 33, 428-443.	11.4	88
40	A new and simplified method for coronary and graft imaging during CABG. <i>Heart Surgery Forum</i> , 2002, 5, 141-4.	0.5	88
41	Clinical Impact of Baseline Right Bundle Branch Block in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1564-1574.	2.9	87
42	Timing underpins the benefits associated with injectable collagen biomaterial therapy for the treatment of myocardial infarction. <i>Biomaterials</i> , 2015, 39, 182-192.	11.4	85
43	Vasomotor dysfunction after cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 1002-1014.	1.4	82
44	Statin Therapy and Saphenous Vein Graft Disease After Coronary Bypass Surgery: Analysis From the CASCADE Randomized Trial. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1284-1291.	1.3	82
45	The Learning Curve and Annual Procedure Volume Standards for Optimum Outcomes of Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1669-1679.	2.9	82
46	Knowledge, attitudes, and practice patterns in surgical management of bicuspid aortopathy: A survey of 100 cardiac surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1033-1040.e4.	0.8	80
47	Clinical Impact of Changes in Left Ventricular Function After Aortic Valve Replacement. <i>Circulation</i> , 2015, 132, 741-747.	1.6	80
48	Comparison of Hemodynamic Performance of Self-Expandable CoreValve Versus Balloon-Expandable Edwards SAPIEN Aortic Valves Inserted by Catheter for Aortic Stenosis. <i>American Journal of Cardiology</i> , 2013, 111, 1026-1033.	1.6	79
49	Nanoengineered Electroconductive Collagen-Based Cardiac Patch for Infarcted Myocardium Repair. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44668-44677.	8.0	77
50	Transfemoral vs Non-transfemoral Access for Transcatheter Aortic Valve Implantation: A Systematic Review and Meta-analysis. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1427-1438.	1.7	76
51	Clinical evaluation of functional mitral stenosis after mitral valve repair for degenerative disease: Potential affect on surgical strategy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1418-1425.	0.8	73
52	Twenty-year durability of the aortic Hancock II bioprosthesis in young patients: is it durable enough? <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 825-830.	1.4	72
53	Overall and Cause-Specific Mortality in Randomized Clinical Trials Comparing Percutaneous Interventions With Coronary Bypass Surgery. <i>JAMA Internal Medicine</i> , 2020, 180, 1638.	5.1	72
54	Response of Cardiac Surgery Units to COVID-19. <i>Circulation</i> , 2020, 142, 300-302.	1.6	72

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55	Minimally invasive coronary artery bypass grafting via a small thoracotomy versus off-pump: a case-matched study. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 804-10.	1.4	71
56	Impact of preoperative fractional flow reserve on arterial bypass graft anastomotic function: the IMPAG trial. <i>European Heart Journal</i> , 2019, 40, 2421-2428.	2.2	70
57	Surgical Management of Infective Endocarditis Complicated by Embolic Stroke. <i>Circulation</i> , 2016, 134, 1280-1292.	1.6	69
58	Long-Term Outcomes After Valve Replacement for Low-Gradient Aortic Stenosis: Impact of Prosthesis-Patient Mismatch. <i>Circulation</i> , 2006, 114, I-553-I-558.	1.6	68
59	Cardiac Rehabilitation During the COVID-19 Era: Guidance on Implementing Virtual Care. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1317-1321.	1.7	68
60	Off-Pump Coronary Artery Bypass Grafting: 30 Years of Debate. <i>Journal of the American Heart Association</i> , 2018, 7, e009934.	3.7	67
61	Aortic Stenosis and Small Aortic Annulus. <i>Circulation</i> , 2019, 139, 2685-2702.	1.6	67
62	Effects of Methylprednisolone and a Biocompatible Copolymer Circuit on Blood Activation During Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2005, 79, 655-665.	1.3	66
63	Antithrombotic treatment after coronary artery bypass graft surgery: systematic review and network meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 367, l5476.	2.3	66
64	Statins and coronary artery bypass graft surgery: preoperative and postoperative efficacy and safety. <i>Expert Opinion on Drug Safety</i> , 2009, 8, 559-571.	2.4	64
65	Should dual antiplatelet therapy be used in patients following coronary artery bypass surgery? A meta-analysis of randomized controlled trials. <i>BMC Surgery</i> , 2015, 15, 112.	1.3	63
66	Predictors and Impact of Myocardial Injury After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2075-2088.	2.8	63
67	Rationale and design of PROACT Xa: A randomized, multicenter, open-label, clinical trial to evaluate the efficacy and safety of apixaban versus warfarin in patients with a mechanical On-X Aortic Heart Valve. <i>American Heart Journal</i> , 2020, 227, 91-99.	2.7	60
68	Gene expression profile after cardiopulmonary bypass and cardioplegic arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1521-1530.	0.8	58
69	Correlates of Saphenous Vein Graft Hyperplasia and Occlusion 1 Year After Coronary Artery Bypass Grafting. <i>Circulation</i> , 2013, 128, S213-8.	1.6	56
70	Arterial Grafts for Coronary Bypass. <i>Circulation</i> , 2019, 140, 1273-1284.	1.6	56
71	Long-Term Clinical and Hemodynamic Performance of the Hancock II Versus the Perimount Aortic Bioprostheses. <i>Circulation</i> , 2010, 122, S10-S16.	1.6	53
72	How detrimental is reexploration for bleeding after cardiac surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 927-935.	0.8	53

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73	Management of acute severe perioperative failure of cardiac allografts: A single-centre experience with a review of the literature. <i>Canadian Journal of Cardiology</i> , 2007, 23, 363-367.	1.7	52
74	Patterns and predictors of statin use after coronary artery bypass graft surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 932-938.	0.8	52
75	Mitral Valve Replacement Is a Viable Alternative to Mitral Valve Repair for Ischemic Mitral Regurgitation: A Case-Matched Study. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1358-1366.	1.3	52
76	ISMICS Consensus Conference and Statements of Randomized Controlled Trials of Off-Pump versus Conventional Coronary Artery Bypass Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 219-229.	0.9	52
77	Use Rate and Outcome in Bilateral Internal Thoracic Artery Grafting: Insights From a Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	52
78	Society of Cardiovascular Anesthesiologists/European Association of Cardiothoracic Anaesthetists Practice Advisory for the Management of Perioperative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2019, 128, 33-42.	2.2	52
79	Collagen-Based Matrices Improve the Delivery of Transplanted Circulating Progenitor Cells. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 197-204.	2.6	51
80	Use of bilateral internal thoracic artery during coronary artery bypass graft surgery in Canada: The bilateral internal thoracic artery survey. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 874-879.	0.8	51
81	Human Blood and Cardiac Stem Cells Synergize to Enhance Cardiac Repair When Cotransplanted Into Ischemic Myocardium. <i>Circulation</i> , 2013, 128, S105-12.	1.6	51
82	Hyperglycemia Inhibits Cardiac Stem Cell-Mediated Cardiac Repair and Angiogenic Capacity. <i>Circulation</i> , 2014, 130, S70-6.	1.6	51
83	An acellular matrix-bound ligand enhances the mobilization, recruitment and therapeutic effects of circulating progenitor cells in a hindlimb ischemia model. <i>FASEB Journal</i> , 2009, 23, 1447-1458.	0.5	50
84	Society of Cardiovascular Anesthesiologists/European Association of Cardiothoracic Anaesthetists Practice Advisory for the Management of Perioperative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 12-26.	1.3	50
85	Centrifugal Pump and Roller Pump in Adult Cardiac Surgery: A Meta-Analysis of Randomized Controlled Trials. <i>Artificial Organs</i> , 2012, 36, 668-676.	1.9	49
86	Paracrine Engineering of Human Cardiac Stem Cells With Insulin-Like Growth Factor 1 Enhances Myocardial Repair. <i>Journal of the American Heart Association</i> , 2015, 4, e002104.	3.7	48
87	Effects of off-pump versus on-pump coronary artery bypass grafting on function and viability of circulating endothelial progenitor cells. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 633-639.	0.8	47
88	Comparative effects of mesenchymal progenitor cells, endothelial progenitor cells, or their combination on myocardial infarct regeneration and cardiac function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 1249-1258.	0.8	46
89	Myocardial Revascularization Trials. <i>Circulation</i> , 2018, 138, 2943-2951.	1.6	46
90	Stroke After Coronary Artery Bypass Grafting and Percutaneous Coronary Intervention: Incidence, Pathogenesis, and Outcomes. <i>Journal of the American Heart Association</i> , 2019, 8, e013032.	3.7	45

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91	Tracking Stem Cell Therapy in the Myocardium: Applications of Positron Emission Tomography. <i>Current Pharmaceutical Design</i> , 2008, 14, 3835-3853.	1.9	44
92	Handsewn Proximal Anastomoses Onto the Ascending Aorta Through a Small Left Thoracotomy During Minimally Invasive Multivessel Coronary Artery Bypass Grafting: A Stepwise Approach to Safety and Reproducibility. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2012, 24, 79-83.	0.6	44
93	Multidisciplinary Code Shock Team in Cardiogenic Shock: A Canadian Centre Experience. <i>CJC Open</i> , 2020, 2, 249-257.	1.5	44
94	Differences in Gene Expression Profiles of Diabetic and Nondiabetic Patients Undergoing Cardiopulmonary Bypass and Cardioplegic Arrest. <i>Circulation</i> , 2004, 110, II-280-II-286.	1.6	43
95	Antiplatelet therapy and coronary artery bypass graft surgery: perioperative safety and efficacy. <i>Expert Opinion on Drug Safety</i> , 2009, 8, 169-182.	2.4	43
96	Influence of the On-X mechanical prosthesis on intermediate-term major thromboembolism and hemorrhage: A prospective multicenter study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 1053-1058.e2.	0.8	43
97	Mesenchymal Stem Cells for Cardiovascular Regeneration. <i>Cardiovascular Drugs and Therapy</i> , 2011, 25, 349-362.	2.6	43
98	Heart valve prosthesis selection in patients with end-stage renal disease requiring dialysis: a systematic review and meta-analysis. <i>Heart</i> , 2011, 97, 2033-2037.	2.9	43
99	Inhibition of the cardiac angiogenic response to exogenous vascular endothelial growth factor. <i>Surgery</i> , 2004, 136, 407-415.	1.9	42
100	Clinical Outcomes of Treatment by Percutaneous Coronary Intervention Versus Coronary Artery Bypass Graft Surgery in Patients With Chronic Kidney Disease Undergoing Index Revascularization in Ontario. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, .	3.9	42
101	Postoperative naproxen after coronary artery bypass surgery: a double-blind randomized controlled trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 694-700.	1.4	41
102	Response to Letter Regarding Article, "Long-Term Outcomes After Valve Replacement for Low-Gradient Aortic Stenosis: Impact of Prosthesis-Patient Mismatch". <i>Circulation</i> , 2006, 114, .	1.6	40
103	Mechanical Valve Thrombosis With Dabigatran. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1710-1711.	2.8	40
104	Injectable Small Intestine Submucosal Extracellular Matrix in an Acute Myocardial Infarction Model. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1686-1694.	1.3	40
105	Concomitant treatment with oral L-arginine improves the efficacy of surgical angiogenesis in patients with severe diffuse coronary artery disease: The Endothelial Modulation in Angiogenic Therapy randomized controlled trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 762-770.e1.	0.8	39
106	Minimally Invasive coronary surgery compared to STernotomy coronary artery bypass grafting: The MIST trial. <i>Contemporary Clinical Trials</i> , 2019, 78, 140-145.	1.8	39
107	Poly(ADP-ribose) polymerase inhibition improves postischemic myocardial function after cardioplegia-cardiopulmonary bypass. <i>Journal of the American College of Surgeons</i> , 2003, 197, 270-277.	0.5	38
108	Can Minimally Invasive Coronary Artery Bypass Grafting be Initiated and Practiced Safely?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013, 8, 403-409.	0.9	38

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109	Inhibition of the Cardiac Angiogenic Response to Surgical FGF-2 Therapy in a Swine Endothelial Dysfunction Model. <i>Circulation</i> , 2003, 108, 335II-340.	1.6	37
110	Ex vivo generation of a highly potent population of circulating angiogenic cells using a collagen matrix. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 187-197.	1.9	37
111	Preoperative anaemia is a risk factor for mortality and morbidity following aortic valve surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 1051-1056.	1.4	37
112	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.	1.6	37
113	Vascular growth factors and angiogenesis in cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2003, 75, S685-S690.	1.3	36
114	Surgery for Chronic Thromboembolic Pulmonary Hypertensionâ€”Inclusive Experience From a National Referral Center. <i>Annals of Thoracic Surgery</i> , 2007, 83, 1075-1081.	1.3	35
115	The clopidogrel after surgery for coronary artery disease (CASCADE) randomized controlled trial: clopidogrel and aspirin versus aspirin alone after coronary bypass surgery [NCT00228423]. <i>Current Controlled Trials in Cardiovascular Medicine</i> , 2005, 6, 15.	1.5	34
116	The role of integrin $\alpha 2$ in cell and matrix therapy that improves perfusion, viability and function of infarcted myocardium. <i>Biomaterials</i> , 2014, 35, 4749-4758.	11.4	34
117	Electroconductive nanoengineered biomimetic hybrid fibers for cardiac tissue engineering. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2402-2406.	5.8	34
118	Characteristics of Contemporary Randomized Clinical Trials and Their Association With the Trial Funding Source in Invasive Cardiovascular Interventions. <i>JAMA Internal Medicine</i> , 2020, 180, 993.	5.1	34
119	2021: The American Association for Thoracic Surgery Expert Consensus Document: Coronary artery bypass grafting in patients with ischemic cardiomyopathy and heart failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 829-850.e1.	0.8	34
120	Impact of mitral annular calcification on early and late outcomes following mitral valve repair of myxomatous degeneration. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 17, 120-125.	1.1	33
121	Is Aortic Valve Repair Reproducible? Analysis of the Learning Curve for Aortic Valve Repair. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1497.e15-1497.e22.	1.7	33
122	New Strategies for Surgical Myocardial Revascularization. <i>Circulation</i> , 2018, 138, 2160-2168.	1.6	33
123	Electroconductive materials as biomimetic platforms for tissue regeneration. <i>Biotechnology Advances</i> , 2019, 37, 444-458.	11.7	32
124	The impact of prosthesisâ€”patient mismatch after aortic valve replacement varies according to age at operation. <i>Heart</i> , 2014, 100, 1099-1106.	2.9	30
125	Arterial grafting for myocardial revascularization: how better is it?. <i>Current Opinion in Cardiology</i> , 2006, 21, 584-588.	1.8	29
126	Lipid-lowering therapy and coronary artery bypass graft surgery. <i>Current Opinion in Cardiology</i> , 2011, 26, 508-517.	1.8	29



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127	<sup>18</sup> F-FDG Cell Labeling May Underestimate Transplanted Cell Homing: More Accurate, Efficient, and Stable Cell Labeling with Hexadecyl-4- <sup>18</sup> F]Fluorobenzoate for in Vivo Tracking of Transplanted Human Progenitor Cells by Positron Emission Tomography. <i>Cell Transplantation</i> , 2012, 21, 1821-1835.	2.5	29
128	High Flow Rates During Modified Ultrafiltration Decrease Cerebral Blood Flow Velocity and Venous Oxygen Saturation in Infants. <i>Annals of Thoracic Surgery</i> , 2005, 80, 22-28.	1.3	28
129	Early vs Late Surgery for Patients With Endocarditis and Neurological Injury: A Systematic Review and Meta-analysis. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1185-1199.	1.7	28
130	Postoperative lipid-lowering therapy and bioprosthesis structural valve deterioration: justification for a randomised trial?. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 139-144.	1.4	27
131	Long-term evaluation of biological versus mechanical prosthesis use at reoperative aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 146-151.	0.8	27
132	Minimally invasive coronary artery bypass grafting. <i>Current Opinion in Cardiology</i> , 2013, 28, 639-645.	1.8	27
133	Dual antiplatelet therapy use by Canadian cardiac surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1548-1554.e3.	0.8	27
134	Paracrine Engineering of Human Explant-Derived Cardiac Stem Cells to Over-Express Stromal-Cell Derived Factor 1 $\pm$ Enhances Myocardial Repair. <i>Stem Cells</i> , 2016, 34, 1826-1835.	3.2	27
135	Normalization of coronary microvascular reactivity and improvement in myocardial perfusion by surgical vascular endothelial growth factor therapy combined with oral supplementation of l-arginine in a porcine model of endothelial dysfunction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 129, 1414-1420.	0.8	26
136	Insulin treatment enhances the myocardial angiogenic response in diabetes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 1453-1460.	0.8	26
137	Improving Cell Engraftment with Tissue Engineering. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 110-114.	0.6	26
138	Tissue Engineering a Small Diameter Vessel Substitute: Engineering Constructs with Select Biomaterials and Cells. <i>Current Vascular Pharmacology</i> , 2012, 10, 347-360.	1.7	26
139	Minimally Invasive Multivessel Coronary Surgery and Hybrid Coronary Revascularization: Can We Routinely Achieve Less Invasive Coronary Surgery?. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 12, 14.	1.0	26
140	Impact of Preexisting Left Bundle Branch Block in Transcatheter Aortic Valve Replacement Recipients. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006927.	3.9	26
141	Defining an Intraoperative Hypotension Threshold in Association with <i>De Novo</i> Renal Replacement Therapy after Cardiac Surgery. <i>Anesthesiology</i> , 2020, 132, 1447-1457.	2.5	26
142	Cardiopulmonary bypass reduces peripheral microvascular contractile function by inhibition of mitogen-activated protein kinase activity. <i>Surgery</i> , 2003, 134, 247-254.	1.9	25
143	Mitogen-activated protein kinase pathways and cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 806-811.	0.8	25
144	3-Dimensional Structures to Enhance Cell Therapy and Engineer Contractile Tissue. <i>Asian Cardiovascular and Thoracic Annals</i> , 2010, 18, 188-198.	0.5	25

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145	The impact of patient co-morbidities on the regenerative capacity of cardiac explant-derived stem cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 60.	5.5	25
146	Disability-free survival after coronary artery bypass grafting in women and men with heart failure. <i>Open Heart</i> , 2018, 5, e000911.	2.3	25
147	Randomized, Controlled Trial Comparing Mitral Valve Repair With Leaflet Resection Versus Leaflet Preservation on Functional Mitral Stenosis. <i>Circulation</i> , 2020, 142, 1342-1350.	1.6	25
148	Effects of L-Arginine on Fibroblast Growth Factor 2-Induced Angiogenesis in a Model of Endothelial Dysfunction. <i>Circulation</i> , 2005, 112, 1202-7.	1.6	24
149	Intensive versus moderate statin therapy and early graft occlusion after coronary bypass surgery: The Aggressive Cholesterol Therapy to Inhibit Vein Graft Events randomized clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 151-161.e1.	0.8	24
150	Systematic Evaluation of the Robustness of the Evidence Supporting Current Guidelines on Myocardial Revascularization Using the Fragility Index. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, e006017.	2.2	24
151	The American Association for Thoracic Surgery and The Society of Thoracic Surgeons Reasoning for Not Endorsing the 2021 ACC/AHA/SCAI Coronary Revascularization Guidelines. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1065-1068.	1.3	24
152	Endogenous myocardial angiogenesis and revascularization using a gastric submucosal patch. <i>Annals of Thoracic Surgery</i> , 2003, 75, 1443-1449.	1.3	23
153	Comparison of vascular endothelial growth factor and fibroblast growth factor-2 in a swine model of endothelial dysfunction. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 645-650.	1.4	23
154	Eight-year follow-up of the Clopidogrel After Surgery for Coronary Artery Disease (CASCADE) trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 212-222.e2.	0.8	23
155	Clinical and echocardiographic outcomes after repair of mitral valve bileaflet prolapse due to myxomatous disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, S8-S11.	0.8	22
156	Testosterone enhances cardiomyogenesis in stem cells and recruits the androgen receptor to the MEF2C and HCN4 genes. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 60, 164-171.	1.9	22
157	Impact of Clopidogrel Plus Aspirin Versus Aspirin Alone on the Progression of Native Coronary Artery Disease After Bypass Surgery. <i>Circulation</i> , 2014, 130, S12-8.	1.6	22
158	Collagen-Based Photoactive Agent for Tissue Bonding. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 9265-9270.	8.0	22
159	CD117-positive cells and mast cells in adult human cardiac valves—observations and implications for the creation of bioengineered grafts. <i>Cardiovascular Pathology</i> , 2006, 15, 36-40.	1.6	21
160	Generation of CD133+ cells from CD133+ peripheral blood mononuclear cells and their properties. <i>Cardiovascular Research</i> , 2006, 70, 126-135.	3.8	21
161	Clopidogrel Is Safe Early after On- and Off-pump Coronary Artery Bypass Surgery. <i>Journal of Cardiac Surgery</i> , 2007, 22, 493-497.	0.7	21
162	Committee Recommendations for Resuming Cardiac Surgery Activity in the SARS-CoV-2 Era: Guidance From an International Cardiac Surgery Consortium. <i>Annals of Thoracic Surgery</i> , 2020, 110, 725-732.	1.3	21

#	ARTICLE	IF	CITATIONS
163	Activation of pulmonary mitogen-activated protein kinases during cardiopulmonary bypass. <i>Journal of Surgical Research</i> , 2003, 115, 56-62.	1.6	20
164	PET imaging of a collagen matrix reveals its effective injection and targeted retention in a mouse model of myocardial infarction. <i>Biomaterials</i> , 2015, 49, 18-26.	11.4	20
165	The Use of Intraoperative Transit Time Flow Measurement for Coronary Artery Bypass Surgery: Systematic Review of the Evidence and Expert Opinion Statements. <i>Circulation</i> , 2021, 144, 1160-1171.	1.6	20
166	Resection of right atrial tumor thrombi without circulatory arrest. <i>Annals of Thoracic Surgery</i> , 2001, 71, 733-734.	1.3	19
167	Differential effects on the mesenteric microcirculatory response to vasopressin and phenylephrine after cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 682-688.	0.8	19
168	Comparison of the EuroSCORE and Cardiac Anesthesia Risk Evaluation (CARE) score for risk-adjusted mortality analysis in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 307-313.	1.4	19
169	Determinants of Left Ventricular Dysfunction After Repair of Chronic Asymptomatic Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2015, 99, 38-42.	1.3	19
170	Mid-Term Follow-Up of Minimally Invasive Multivessel Coronary Artery Bypass Grafting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 116-120.	0.9	19
171	Modality Selection for the Revascularization of Left Main Disease. <i>Canadian Journal of Cardiology</i> , 2019, 35, 983-992.	1.7	19
172	Protein-, gene-, and cell-based therapeutic angiogenesis for the treatment of myocardial ischemia. <i>Molecular and Cellular Biochemistry</i> , 2004, 264, 119-131.	3.1	18
173	Mortality and myocardial infarction following surgical versus percutaneous revascularization of isolated left anterior descending artery disease: a meta-analysis†. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 65-70.	1.4	18
174	Cerebral Microembolization After Bioprosthetic Aortic Valve Replacement. <i>Circulation</i> , 2012, 126, S239-44.	1.6	18
175	Perioperative Deaths After Mitral Valve Operations May Be Overestimated by Contemporary Risk Models. <i>Annals of Thoracic Surgery</i> , 2014, 98, 605-610.	1.3	18
176	Why NOBLE and EXCEL Are Consistent With Each Other and With Previous Trials. <i>Circulation</i> , 2017, 135, 822-824.	1.6	18
177	Collagen biomaterial stimulates the production of extracellular vesicles containing microRNA-21 and enhances the proangiogenic function of CD34 <sup>+</sup> cells. <i>FASEB Journal</i> , 2019, 33, 4166-4177.	0.5	18
178	Angiogenic protein therapy. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2003, 15, 222-235.	0.6	17
179	Radial Artery Graft Treatment With Phenoxybenzamine is Clinically Safe and May Reduce Perioperative Myocardial Injury. <i>Annals of Thoracic Surgery</i> , 2007, 83, 502-509.	1.3	17
180	The future of regenerating the myocardium. <i>Current Opinion in Cardiology</i> , 2010, 25, 575-582.	1.8	17

#	ARTICLE	IF	CITATIONS
181	Off-pump minimally invasive coronary artery bypass grafting using the bilateral internal thoracic arteries and the right gastroepiploic artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1285-1286.	1.4	17
182	Post-Discharge Cardiac Care in the Era of Coronavirus 2019: How Should We Prepare?. <i>Canadian Journal of Cardiology</i> , 2020, 36, 956-960.	1.7	16
183	Long COVID-19: A Primer for Cardiovascular Health Professionals, on Behalf of the CCS Rapid Response Team. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1260-1262.	1.7	16
184	Association of Volume and Outcomes in 234 556 Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1299-1306.	1.3	16
185	A method to distinguish between gaseous and solid cerebral emboli in patients with prosthetic heart valves. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 89-95.	1.4	15
186	Impairment of human cellâ€based vasculogenesis in rats by hypercholesterolemia-induced endothelial dysfunction and rescue with l-arginine supplementation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 209-216.e2.	0.8	15
187	Collagen scaffolds with or without the addition of RGD peptides support cardiomyogenesis after aggregation of mouse embryonic stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 653-664.	1.5	15
188	Determinants of late outcomes in women undergoing mitral repair of myxomatous degeneration. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 779-783.	1.1	15
189	When Should the Mitral Valve Be Repaired or Replaced in Patients With Ischemic Mitral Regurgitation?. <i>Annals of Thoracic Surgery</i> , 2017, 103, 742-747.	1.3	15
190	Ischemic and bleeding outcomes after coronary artery bypass grafting among patients initially treated with a P2Y <sub>12</sub> receptor antagonist for acute coronary syndromes: Insights on timing of discontinuation of ticagrelor and clopidogrel prior to surgery. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 543-553.	1.0	15
191	Circuits with surface modifying additive alter the haemodynamic response to cardiopulmonary bypass1. <i>European Journal of Cardio-thoracic Surgery</i> , 1999, 15, 353-358.	1.4	14
192	Is tranexamic acid safe in patients undergoing coronary endarterectomy?. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1508-1511.	1.3	14
193	Clinical outcomes after transcatheter aortic valve replacement in men and women in Ontario, Canada. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 486-494.	1.7	14
194	Biomarkers in the Diagnosis, Management, and Prognostication of Perioperative Right Ventricular Failure in Cardiac Surgeryâ€Are We There Yet?. <i>Journal of Clinical Medicine</i> , 2019, 8, 559.	2.4	14
195	Derivation and Validation of a Clinical Model to Predict Intensive Care Unit Length of Stay After Cardiac Surgery. <i>Journal of the American Heart Association</i> , 2020, 9, e017847.	3.7	14
196	Transcatheter aortic-valve replacement: a cardiac surgeon and cardiologist team perspective. <i>Current Opinion in Cardiology</i> , 2010, 25, 107-113.	1.8	13
197	In vitro functional comparison of therapeutically relevant human vasculogenic progenitor cells used for cardiac cell therapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 216-224.e4.	0.8	13
198	Myosin Phosphatase Modulates the Cardiac Cell Fate by Regulating the Subcellular Localization of Nkx2.5 in a Wnt/Rhoâ€Associated Protein Kinaseâ€Dependent Pathway. <i>Circulation Research</i> , 2013, 112, 257-266.	4.5	13

#	ARTICLE	IF	CITATIONS
199	Contemporary Midterm Echocardiographic Outcomes of Bentall Procedure and Aortic Valve Sparing Root Replacement. <i>Annals of Thoracic Surgery</i> , 2014, 98, 590-596.	1.3	13
200	Suboptimal Medical Therapy After Coronary Revascularization. <i>Journal of the American College of Cardiology</i> , 2018, 71, 603-605.	2.8	13
201	Derivation of Patient-Defined Adverse Cardiovascular and Noncardiovascular Events Through a Modified Delphi Process. <i>JAMA Network Open</i> , 2021, 4, e2032095.	5.9	13
202	A standardized definition for right ventricular failure in cardiac surgery patients. <i>ESC Heart Failure</i> , 2022, 9, 1542-1552.	3.1	13
203	Ticagrelor versus aspirin and vein graft patency after coronary bypass: A randomized trial. <i>Journal of Cardiac Surgery</i> , 2022, 37, 563-570.	0.7	13
204	Application of Chitosan-Based Biomaterials for Blood Vessel Regeneration. <i>Macromolecular Symposia</i> , 2010, 297, 138-146.	0.7	12
205	How Does Mitral Valve Repair Fail in Patients With Prolapse? Insights From Longitudinal Echocardiographic Follow-Up. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1459-1465.	1.3	12
206	Left ventricular function recovery after revascularization. <i>Current Opinion in Cardiology</i> , 2018, 33, 633-637.	1.8	12
207	Delivering More of an Injectable Human Recombinant Collagen III Hydrogel Does Not Improve Its Therapeutic Efficacy for Treating Myocardial Infarction. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4256-4265.	5.2	12
208	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.	1.9	12
209	The American Association of Thoracic Surgery and The Society of Thoracic Surgeons reasoning for not endorsing the 2021 ACC/AHA/SCAI Coronary Revascularization Guidelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1362-1365.	0.8	12
210	Interventional Valve Surgery: Building a Team and Working Together. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2010, 22, 145-149.	0.6	11
211	Does high-density lipoprotein influence the development of saphenous vein graft disease after coronary bypass surgery?: exploratory analysis from the CASCADE trial. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 172.	1.1	11
212	Anticoagulation strategies for left ventricular assist devices. <i>Current Opinion in Cardiology</i> , 2015, 30, 192-196.	1.8	11
213	Intensive versus moderate atorvastatin therapy and one-year graft patency after CABG: Rationale and design of the ACTIVE (Aggressive Cholesterol Therapy to Inhibit Vein Graft Events) randomized controlled trial (NCT01528709). <i>Contemporary Clinical Trials</i> , 2017, 59, 98-104.	1.8	11
214	Implications of coronary artery bypass grafting and percutaneous coronary intervention on disease progression and the resulting changes to the physiology and pathology of the native coronary arteries. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 809-816.	1.4	11
215	Cardiac Neural Crest Cells: Their Rhombomeric Specification, Migration, and Association with Heart and Great Vessel Anomalies. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 403-429.	3.3	11
216	Cardiovascular Care Delivery During the Second Wave of COVID-19 in Canada. <i>Canadian Journal of Cardiology</i> , 2021, 37, 790-793.	1.7	11

#	ARTICLE	IF	CITATIONS
217	Minimally invasive direct coronary artery bypass for the treatment of isolated disease of the left anterior descending coronary artery. <i>Canadian Journal of Surgery</i> , 2005, 48, 307-10.	1.2	11
218	Nitric oxide and the angiogenic response: can we improve the results of therapeutic angiogenesis?. <i>Expert Opinion on Investigational Drugs</i> , 2005, 14, 37-44.	4.1	10
219	Off-pump coronary artery bypass grafting does not preserve renal function better than on-pump coronary artery bypass grafting: Results of a case-matched study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 85-92.	0.8	10
220	Preclinical Evaluation of Biopolymer-Delivered Circulating Angiogenic Cells in a Swine Model of Hibernating Myocardium. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 982-991.	2.6	10
221	The evolution of mitral valve prolapse: insights from the Framingham Heart Study. <i>Journal of Thoracic Disease</i> , 2016, 8, E827-E828.	1.4	10
222	The "Hybrid Flip-Over" Technique for Anterior Leaflet Prolapse Repair. <i>Annals of Thoracic Surgery</i> , 2007, 83, 322-323.	1.3	9
223	Cell-based vasculogenic studies in preclinical models of chronic myocardial ischaemia and hibernation. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 411-428.	3.1	9
224	Impact of Subglottic Suctioning on the Incidence of Pneumonia After Cardiac Surgery: A Retrospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 59-63.	1.3	9
225	Collagen matrix-induced expression of integrin $\alpha V\beta 3$ in circulating angiogenic cells can be targeted by matricellular protein CCN1 to enhance their function. <i>FASEB Journal</i> , 2015, 29, 1198-1207.	0.5	9
226	Gender differences in outcomes following cardiac surgery. <i>Current Opinion in Cardiology</i> , 2015, 30, 151-154.	1.8	9
227	Innovations in tricuspid valve intervention. <i>Current Opinion in Cardiology</i> , 2017, 32, 166-173.	1.8	9
228	Impact of ticagrelor versus aspirin on graft patency after CABG: Rationale and design of the TARGET (ticagrelor antiplatelet therapy to reduce graft events and thrombosis) randomized controlled trial (NCT02053909). <i>Contemporary Clinical Trials</i> , 2018, 68, 45-51.	1.8	9
229	BEaTS: an open access 3D printed device for in vitro electromechanical stimulation of human induced pluripotent stem cells. <i>Scientific Reports</i> , 2020, 10, 11274.	3.3	9
230	Determinants of persistent or recurrent congestive heart failure after contemporary surgical aortic valve replacement. <i>Journal of Heart Valve Disease</i> , 2014, 23, 665-70.	0.5	9
231	Recombinant Human Collagen Hydrogel Rapidly Reduces Methylglyoxal Adducts within Cardiomyocytes and Improves Borderzone Contractility after Myocardial Infarction in Mice. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	9
232	Hybrid approach for coronary artery revascularization. <i>Current Opinion in Cardiology</i> , 2014, 29, 534-541.	1.8	8
233	An update on mechanical circulatory support for heart failure therapy. <i>Current Opinion in Cardiology</i> , 2014, 29, 167-173.	1.8	8
234	Prevention of ischemia-reperfusion injury in cardiac surgery: Therapeutic strategies targeting signaling pathways. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 910-911.	0.8	8

#	ARTICLE	IF	CITATIONS
235	Predictors and Outcomes of Sternotomy Conversion and Cardiopulmonary Bypass Assistance in Minimally Invasive Coronary Artery Bypass Grafting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016, 11, 315-320.	0.9	8
236	Prevalence and Impact of Treatment Crossover in Cardiac Surgery Randomized Trials: A Meta-Epidemiologic Study. <i>Journal of the American Heart Association</i> , 2019, 8, e013711.	3.7	8
237	Is Late Left Ventricle Remodeling After Repair of Degenerative Mitral Regurgitation Worse in Women?. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1189-1193.	1.3	8
238	Cardiac Surgery in HIV Patients: State of the Art. <i>Canadian Journal of Cardiology</i> , 2019, 35, 320-325.	1.7	8
239	Methodologic Considerations on Four Cardiovascular Interventions Trials With Contradictory Results. <i>Annals of Thoracic Surgery</i> , 2021, 111, 690-699.	1.3	8
240	Durability of Minimally Invasive Coronary Artery Bypass Grafting. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1390-1391.	2.8	8
241	Controlled release of stromal cell-derived factor-1 for enhanced progenitor response in ischemia. <i>Journal of Controlled Release</i> , 2011, 152, e216-e218.	9.9	7
242	Aortic Valve Cusp Shearing and Migration Into the Left Main Coronary Artery During Transcatheter Aortic Valve Implantation. <i>Canadian Journal of Cardiology</i> , 2012, 28, 611.e1-611.e3.	1.7	7
243	Echocardiography-Guided Intramyocardial Injection Method in a Murine Model. <i>Methods in Molecular Biology</i> , 2017, 1553, 217-225.	0.9	7
244	What Is the Optimal Revascularization Strategy for Left Main Coronary Stenosis?. <i>JAMA Cardiology</i> , 2017, 2, 1061.	6.1	7
245	Radial artery as a conduit for coronary artery bypass grafting: a state-of-the-art primer. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 971-976.	1.4	7
246	Emergency Surgery for Iatrogenic Injuries attributable to Percutaneous Coronary Interventions: When Planning and Time Matter. <i>Journal of the American Heart Association</i> , 2019, 8, e011525.	3.7	7
247	Right Anterior Minithoracotomy for Aortic Valve Replacement: A Widely Applicable, Simple, and Stepwise Approach. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2019, 14, 321-329.	0.9	7
248	Can heat therapy help patients with heart failure?. <i>Artificial Organs</i> , 2020, 44, 680-692.	1.9	7
249	Implications of the ISCHEMIA trial on the practice of surgical myocardial revascularization. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 90-99.	0.8	7
250	Patient Care Journey for Patients With Heart Valve Disease. <i>Canadian Journal of Cardiology</i> , 2022, 38, 1296-1299.	1.7	7
251	Missing the Goal With the 2021 ACC/AHA/SCAI Guideline for Coronary Artery Revascularization. <i>Canadian Journal of Cardiology</i> , 2022, 38, 705-708.	1.7	7
252	Angiogenesis for the Treatment of Inoperable Coronary Disease: The Future. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2006, 10, 184-188.	1.0	6

#	ARTICLE	IF	CITATIONS
253	Valproic Acid and Bleeding: Caution Required. <i>Annals of Thoracic Surgery</i> , 2007, 83, 725.	1.3	6
254	Infected right ventricular myxoma and pulmonary valve endocarditis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 248-249.	0.8	6
255	Prosthesisâ€‘patient mismatch is less frequent and more clinically indolent in patients operated for aortic insufficiency. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 639-645.	0.8	6
256	Apico-Aortic Conduit for severe aortic stenosis: Technique, applications, and systematic review. <i>Journal of the Saudi Heart Association</i> , 2010, 22, 187-194.	0.4	6
257	Should Jehovah's Witness patients be listed for heart transplantation?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 716-719.	1.1	6
258	ISMICS Consensus Conference and Statements of Randomized Controlled Trials of Off-Pump versus Conventional Coronary Artery Bypass Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 219-229.	0.9	6
259	Cardiac passive-aggressive behavior? The right ventricle in patients with a left ventricular assist device. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 267-276.	1.5	6
260	Repeat Revascularization after Minimally Invasive Coronary Artery Bypass Grafting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 269-274.	0.9	6
261	A novel echocardiographic hemodynamic index for predicting outcome of aortic stenosis patients following transcatheter aortic valve replacement. <i>PLoS ONE</i> , 2018, 13, e0195641.	2.5	6
262	Impact of lipid levels and highâ€‘intensity statins on vein graft patency after CABG: Midterm results of the ACTIVE trial. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3286-3293.	0.7	6
263	Reimplantation for anomalous right coronary artery. <i>JTCVS Techniques</i> , 2021, 7, 226-228.	0.4	6
264	Can Minimally Invasive Coronary Artery Bypass Grafting be Initiated and Practiced Safely?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013, 8, 403-409.	0.9	6
265	Coronary Artery Bypass Grafting. , 2010, , 1367-1395.		6
266	Single Versus Multiple Arterial Revascularization in Patients With Reduced Renal Function. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, .	4.2	6
267	Ticagrelor versus aspirin 2 years after coronary bypass: Observational analysis from the TARGET trial. <i>Journal of Cardiac Surgery</i> , 2022, 37, 1969-1977.	0.7	6
268	Transcranial Doppler and acoustic pressure fluctuations for the assessment of cavitation and thromboembolism in patients with mechanical heart valves. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2007, 7, 179-183.	1.1	5
269	Intraoperative indocyanine green angiography: Ready for prime time?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 592-593.	0.8	5
270	Successful Surgical Repair of Ventricular Double Rupture. <i>Canadian Journal of Cardiology</i> , 2011, 27, 868.e5-868.e7.	1.7	5



#	ARTICLE	IF	CITATIONS
271	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2012, 94, 71.	1.3	5
272	High-risk mitral valve surgery. <i>Current Opinion in Cardiology</i> , 2014, 29, 123-126.	1.8	5
273	Operative mortality with coronary artery bypass graft. <i>Current Opinion in Cardiology</i> , 2015, 30, 611-618.	1.8	5
274	Blaise Pascal and the evidence on the use of multiple arterial grafts for coronary artery bypass surgery after the interim analysis of the Arterial Revascularization Trial. <i>Current Opinion in Cardiology</i> , 2018, 33, 245-248.	1.8	5
275	Can Biomarkers Provide Right Ventricular-Specific Prognostication in the Perioperative Setting?. <i>Journal of Cardiac Failure</i> , 2020, 26, 776-780.	1.7	5
276	The SYNTAX score according to diabetic status: What does it mean for the patient requiring myocardial revascularization?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 857-860.	0.8	5
277	Therapeutic Use of Bioengineered Materials for Myocardial Infarction. , 2019, , 161-193.		5
278	Aortic Stenosis in the Low-Risk Patient: Overview of the Management Options and Possible Permutations. <i>Canadian Journal of Cardiology</i> , 2022, 38, 836-839.	1.7	5
279	Outcomes of Surgical Bioprosthetic Aortic Valve Replacement in Patients Aged ≥65 and >65 Years. <i>Annals of Thoracic Surgery</i> , 2023, 116, 483-490.	1.3	5
280	Combined atrial fibrillation ablation with mitral valve surgery. <i>Journal of Heart Valve Disease</i> , 2006, 15, 515-20.	0.5	5
281	Nanoengineered Sprayable Therapy for Treating Myocardial Infarction. <i>ACS Nano</i> , 2022, 16, 3522-3537.	14.6	5
282	Urgent replacement of a mechanical mitral prosthesis in an anticoagulated patient with Bombay red blood cell phenotype. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 583-587.	1.6	4
283	Malignant Invasion of Sternotomy Incision After Cardiac Operation. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1295-1296.	1.3	4
284	Hybrid coronary revascularization: first choice or alternative?. <i>Interventional Cardiology</i> , 2015, 7, 507-510.	0.0	4
285	Left ventricular assist device in the management of refractory electrical storm. <i>Perfusion (United Tj ETQq1 1 0.784314 rgBT /Overloc</i>	1.0	4
286	Optimizing the host substrate environment for cardiac angiogenesis, arteriogenesis, and myogenesis. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 435-447.	3.1	4
287	Possible Link Between the ABO Blood Group of Bioprosthesis Recipients and Specific Types of Structural Degeneration. <i>Journal of the American Heart Association</i> , 2020, 9, e015909.	3.7	4
288	Aortic Valve Repair Decreases Risks of VRE in AI at 10 Years: A Propensity Scoreâ€“Matched Analysis. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1469-1475.	1.3	4

#	ARTICLE	IF	CITATIONS
289	Intracardiac ultrasonic suture welding for knotless mitral valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2002, 21, 245-248.	1.4	3
290	Delayed Thrombin Generation With Hirudin Anticoagulation During Prolonged Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2005, 79, 334-336.	1.3	3
291	Surgical approach to repair of ruptured chordae tendineae causing tricuspid regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, e30-e32.	0.8	3
292	Repeat Cardiac Surgery in a Jehovah's Witness Patient With Thrombocytopenia. <i>Canadian Journal of Cardiology</i> , 2011, 27, 869.e7-869.e8.	1.7	3
293	Regenerative Therapies for Improving Myocardial Perfusion in Patients with Cardiovascular Disease: Failure to Meet Expectations but Optimism for the Future. <i>Current Vascular Pharmacology</i> , 2012, 10, 300-309.	1.7	3
294	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2012, 94, 776-777.	1.3	3
295	Warfarin Treatment After Bioprosthetic Aortic Valve Replacement. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 1225.	7.4	3
296	Letter by Toeg et al Regarding Article, "Outcomes With Coronary Artery Bypass Graft Surgery Versus Percutaneous Coronary Intervention for Patients With Diabetes Mellitus: Can Newer Generation Drug-Eluting Stents Bridge the Gap?" <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 728-728.	3.9	3
297	First Direct Aortic Retrievable Transcatheter Aortic Valve Implantation in Humans. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1461.e9-1461.e11.	1.7	3
298	The clinical application potential of extracellular matrix in cardiac tissue engineering. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1290-1291.	0.8	3
299	Clampless versus clamped coronary bypass grafting. <i>Current Opinion in Cardiology</i> , 2017, 32, 737-743.	1.8	3
300	Pivotal contemporary trials of percutaneous coronary intervention vs. coronary artery bypass grafting: a surgical perspective. <i>Annals of Cardiothoracic Surgery</i> , 2018, 7, 527-532.	1.7	3
301	Renal insufficiency and severe coronary artery disease. <i>Current Opinion in Cardiology</i> , 2019, 34, 645-649.	1.8	3
302	Use of Renin-Angiotensin System Blockers During the COVID-19 Pandemic: Early Guidance and Evolving Evidence. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1180-1182.	1.7	3
303	Less invasive multivessel coronary artery bypass grafting. <i>Current Opinion in Cardiology</i> , 2021, Publish Ahead of Print, 735-739.	1.8	3
304	Nonsternotomy multivessel coronary artery bypass grafting: A key development in cardiac surgery. <i>JTCVS Techniques</i> , 2021, 10, 162-167.	0.4	3
305	Mid-Term Follow-Up of Minimally Invasive Multivessel Coronary Artery Bypass Grafting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 116-120.	0.9	3
306	Frequency and surgical management of complex posterior leaflet prolapse of the mitral valve. <i>Journal of Heart Valve Disease</i> , 2010, 19, 568-75.	0.5	3

#	ARTICLE	IF	CITATIONS
307	Minimally invasive cardiac surgery: new challenges for the surgeon and the anesthesiologist. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2008, 12, 72-79.	0.2	2
308	From Genes to Regenerative Medicine. <i>Circulation Research</i> , 2008, 103, 1050-1052.	4.5	2
309	Clopidogrel After Coronary Artery Bypass Graft Surgery. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1084-1085.	2.8	2
310	Clinically Relevant Extracellular-Matrix Scaffolds for Cell Transplantation and Vascular Repair. <i>Current Vascular Pharmacology</i> , 2012, 10, 322-330.	1.7	2
311	Should we anticoagulate after bioprosthetic aortic valve replacement?. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 1649-1657.	1.5	2
312	Leaflet resection versus leaflet preservation for repair of degenerative mitral regurgitation: Does it matter how the mitral valve is repaired?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 546-547.	0.8	2
313	Left main coronary stenosis. <i>Current Opinion in Cardiology</i> , 2017, 32, 590-593.	1.8	2
314	Minimally invasive cardiac surgery coronary artery bypass grafting (MICS CABG): a review of technique and literature. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 34, 86-93.	0.6	2
315	Post-Operative Calcium-Channel Blocker Use After Radial Artery Grafting. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2307-2309.	2.8	2
316	Multiarterial coronary artery bypass grafting. <i>Current Opinion in Cardiology</i> , 2019, 34, 628-636.	1.8	2
317	Appropriate therapy for patients with stable ischemic heart disease: a review of literature and the implication of the International Study of Comparative Effectiveness with Medical and Invasive Approaches trial. <i>Current Opinion in Cardiology</i> , 2020, 35, 658-663.	1.8	2
318	Guiding Cardiac Care During the COVID-19 Pandemic: How Ethics Shapes Our Health System Response. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1313-1316.	1.7	2
319	Commentary: Coronary artery bypass grafting after acute myocardial infarction: Sound clinical judgment still prevails. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 2068-2069.	0.8	2
320	Knowledge and Attitudes of Canadian Cardiac Surgeons Regarding Patients With Human Immunodeficiency Virus. <i>Annals of Thoracic Surgery</i> , 2021, 111, 945-950.	1.3	2
321	Commentary: External stenting of saphenous vein graftsâ€”reinVESTing to achieve best returns in coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1542-1543.	0.8	2
322	Comparative Analysis Following Implementation of Two Types of Yâ€™Composite Multiarterial Revascularization Strategies at a Single Academic Institution. <i>Journal of the American Heart Association</i> , 2021, 10, e020002.	3.7	2
323	Commentary: Sternotomy for every cardiac surgery patient ain't the future, so let's get going. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 129-131.	0.8	2
324	Preparation and Characterization of Circulating Angiogenic Cells for Tissue Engineering Applications. <i>Methods in Molecular Biology</i> , 2014, 1181, 27-38.	0.9	2

#	ARTICLE	IF	CITATIONS
325	Matrix Therapies for Cell Support and Cardiac Repair. , 2015, , 117-158.		2
326	Repeat Revascularization after Minimally Invasive Coronary Artery Bypass Grafting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2017, 12, 269-274.	0.9	2
327	Predictors and Outcomes of Sternotomy Conversion and Cardiopulmonary Bypass Assistance in Minimally Invasive Coronary Artery Bypass Grafting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 315-320.	0.9	2
328	Internal thoracic artery flow competition: studies in a canine H-graft model. European Journal of Cardio-thoracic Surgery, 2003, 23, 56-59.	1.4	1
329	Invited Commentary. Annals of Thoracic Surgery, 2009, 88, 535-536.	1.3	1
330	Avoiding Prosthesis-Patient Mismatch in the Elderly: Options Other Than Mechanical Prostheses. Annals of Thoracic Surgery, 2009, 88, 1049-1050.	1.3	1
331	Response to Letters Regarding Article, "Aspirin Plus Clopidogrel Versus Aspirin Alone After Coronary Artery Bypass Grafting: The Clopidogrel After Surgery for Coronary Artery Disease (CASCADE) Trial". Circulation, 2011, 124, .	1.6	1
332	Early Surgery for Infective Endocarditis. New England Journal of Medicine, 2012, 367, 1365-1367.	27.0	1
333	Response to Letter Regarding Article, "Reoperation of Left Heart Valve Bioprostheses According to Age at Implantation". Circulation, 2012, 125, .	1.6	1
334	Current Readings: Status of Tricuspid Valve Repair. Seminars in Thoracic and Cardiovascular Surgery, 2013, 25, 30-37.	0.6	1
335	Posterior Mitral Abscess With Bypass Grafting Before Annulus Reconstruction: A Case Report. Canadian Journal of Cardiology, 2013, 29, 1742.e9-1742.e11.	1.7	1
336	Preoperative anaemia is a risk factor for mortality and morbidity following aortic valve surgery. Egyptian Heart Journal, 2014, 66, 19-20.	1.2	1
337	Development of reporter gene imaging techniques for long-term assessment of human circulating angiogenic cells. Biomedical Materials (Bristol), 2015, 10, 034104.	3.3	1
338	The many challenges of interpreting recurrent moderate mitral regurgitation after MitraClip percutaneous mitral valve repair: What does it mean?. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 97-98.	0.8	1
339	Innovative application of a thoracotomy approach to treat saphenous vein graft aneurysm. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, e5-e6.	0.8	1
340	Engineering Niches for Cardiovascular Tissue Regeneration. , 2017, , 459-478.		1
341	Genetics of coronary artery disease. Current Opinion in Cardiology, 2018, 33, 605-612.	1.8	1
342	Editorial. Current Opinion in Cardiology, 2019, 34, 627.	1.8	1

#	ARTICLE	IF	CITATIONS
343	Publication of cardiac surgery research papers in top cardiovascular journals. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2734-2736.	0.7	1
344	Surgery for Mitral Valve Papillary Muscle Rupture: Implications of Replacement Versus Repair. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1982.	1.3	1
345	The 7 Pillars of Multivessel Minimally Invasive Coronary Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 216-217.	0.9	1
346	Commentary: Complete revascularization in coronary artery bypass graftingâ€”sometimes it pays to be conservative. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 115-116.	0.8	1
347	Abstract 2280: Three Hundred Consecutive Cases of Multi-Vessel Small Thoracotomy (MVST) Coronary Artery Bypass Grafting. <i>Circulation</i> , 2008, 118, .	1.6	1
348	Response to the Comment on â€œSingle Versus Multiple Arterial Revascularization in Patients With Reduced Renal Function Long-Term Outcome Comparisons in 23,406 CABG Patients From Ontario, Canadaâ€. <i>Annals of Surgery</i> , 2021, 274, e824-e825.	4.2	1
349	Current surgical bioprostheses: Looking to the future. <i>Progress in Cardiovascular Diseases</i> , 2022, 72, 21-25.	3.1	1
350	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2006, 81, 167-168.	1.3	0
351	Reply to Takagi et al. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 633-633.	1.4	0
352	Reply to Wu and Grunkemeier. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 30, 954.	1.4	0
353	Highlights from the 2008 American Heart Association Scientific Session. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 791-794.	0.8	0
354	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1945-1946.	1.3	0
355	Successful Pulmonary Thrombectomy for Malignant Tumor Thrombus After Adrenal Cancer Resection. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1532.e19-1532.e21.	1.7	0
356	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1381.	1.3	0
357	Left Ventricular Assist Device Outflow Graft Disconnection. <i>Canadian Journal of Cardiology</i> , 2014, 30, 247.e13-247.e15.	1.7	0
358	TCT-647 Predictors and Clinical Impact of Myocardial Injury Following Transcatheter Aortic Valve Replacement: Insights from a Large Multicenter Registry. <i>Journal of the American College of Cardiology</i> , 2015, 66, B264-B265.	2.8	0
359	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2015, 100, 2249-2250.	1.3	0
360	Cardiovascular Surgery Supplement. <i>Circulation</i> , 2015, 132, 719-719.	1.6	0

#	ARTICLE	IF	CITATIONS
361	Subannular Prosthetic Valve Embolization Complicating Transapical Transcatheter Aortic Valve Implantation: Management Without Sternotomy. <i>Canadian Journal of Cardiology</i> , 2015, 31, 227.e7-227.e9.	1.7	0
362	Heart Failure Related Hospitalization and Mortality after Aortic Valve Replacement. <i>Journal of Cardiac Failure</i> , 2015, 21, S36-S37.	1.7	0
363	Minimally Invasive Coronary Bypass in a Patient With Metal Allergy. <i>Canadian Journal of Cardiology</i> , 2015, 31, 364.e3-364.e4.	1.7	0
364	Letter by Al-Atassi et al Regarding Article, "Cost-Effectiveness of Percutaneous Coronary Intervention With Drug-Eluting Stents Versus Bypass Surgery for Patients With 3-Vessel or Left Main Coronary Artery Disease: Final Results From the Synergy Between Percutaneous Coronary Intervention With TAXUS and Cardiac Surgery (SYNTAX) Trial". <i>Circulation</i> , 2015, 132, e10.	1.6	0
365	Aortic Root Rupture during Transcatheter Aortic Valve Implantation in a Patient with Idiopathic Thrombocytopenic Purpura: Utility of Transesophageal Echocardiography in Early Detection and Description of a Semiconservative Surgical Management Approach. <i>International Journal of Angiology</i> , 2016, 25, e54-e57.	0.6	0
366	The Radial Artery Graft. <i>Journal of the American College of Cardiology</i> , 2016, 68, 611-613.	2.8	0
367	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016, 102, 108.	1.3	0
368	Enhanced freedom from prosthesis-patient mismatch with transcatheter aortic valve replacement: More to aortic regurgitation than meets the eye?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1024-1025.	0.8	0
369	Introduction to the Cardiovascular Surgery Themed Issue of <i>Circulation</i> . <i>Circulation</i> , 2016, 134, 1205-1205.	1.6	0
370	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2017, 103, 593-594.	1.3	0
371	Consideration of Native Coronary Disease Progression in the Decision to Perform Hybrid Coronary Revascularization. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 1-3.	0.9	0
372	Introduction to the 2017 Cardiovascular Surgery Themed Issue of <i>Circulation</i> . <i>Circulation</i> , 2017, 136, 1675-1675.	1.6	0
373	Reply. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1095.	1.3	0
374	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018, 105, 777-778.	1.3	0
375	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018, 106, 22-23.	1.3	0
376	Genetics, coronary artery disease, and myocardial revascularization: will novel genetic risk scores bring new answers?. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 34, 213-221.	0.6	0
377	Introduction to the 2018 Cardiovascular Surgery Themed Issue. <i>Circulation</i> , 2018, 138, 2075-2075.	1.6	0
378	An injectable CCN1-collagen matrix for cardiac cell support and treatment of myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 124, 84-85.	1.9	0

#	ARTICLE	IF	CITATIONS
379	Invited Commentary. Annals of Thoracic Surgery, 2018, 106, 669.	1.3	0
380	Minimally Invasive Coronary Artery Bypass Grafting. , 2019, , 70-82.		0
381	Introduction to the 2019 Cardiovascular Surgeryâ€“Themed Issue. Circulation, 2019, 140, 1231-1232.	1.6	0
382	Hypotension and Stroke in Cardiac Surgery: Reply. Anesthesiology, 2019, 131, 217-218.	2.5	0
383	Introduction to the 2020 <i>Circulation</i> Cardiovascular Surgeryâ€“Themed Issue. Circulation, 2020, 142, 1313-1314.	1.6	0
384	Direct Implant of a Transcatheter Aortic Valve Prosthesis for Prosthetic Mitral Valve Endocarditis. CJC Open, 2020, 2, 303-305.	1.5	0
385	Commentary: Protect, prevent, prolongâ€ . Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 709-710.	0.8	0
386	Invited Commentary. Annals of Thoracic Surgery, 2020, 110, 515-516.	1.3	0
387	Patients With Severely Reduced Ejection Fraction Undergoing Revascularizationâ€”Is Something Missing?â€”Reply. JAMA Cardiology, 2021, 6, 242.	6.1	0
388	Improving Care for Patients With Degenerative Mitral Regurgitation. Annals of Thoracic Surgery, 2021, 111, 486-487.	1.3	0
389	Commentary: A Long-Lasting Complication: Re-exploration for Bleeding and Its Negative Correlation With Long-Term Survival. Seminars in Thoracic and Cardiovascular Surgery, 2021, 33, 776-777.	0.6	0
390	The Coronaries. , 2021, , 277-284.		0
391	Commentary: Robotic totally endoscopic coronary artery bypass: State of an art. JTCVS Techniques, 2021, 10, 158-159.	0.4	0
392	Presidentâ€™s Page. Canadian Journal of Cardiology, 2021, 37, 813-815.	1.7	0
393	Commentary: Does the SYNTAX (Synergy between PCI with Taxus and Cardiac Surgery) score even matter?. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.8	0
394	Current opinion on controversial issues in coronary artery bypass surgery. Current Opinion in Cardiology, 2021, Publish Ahead of Print, 727.	1.8	0
395	Commentary: The mitral annulus in normal valve function. Does shape matter?. JTCVS Techniques, 2021, 10, 45-46.	0.4	0
396	Commentary: The saphenous vein in coronary artery bypass grafting: Optimizing our workhorse. JTCVS Techniques, 2021, 10, 110-111.	0.4	0

#	ARTICLE	IF	CITATIONS
397	Introduction to the 2021 Cardiovascular Surgery Themed Issue of <i>Circulation</i> . <i>Circulation</i> , 2021, 144, 1087-1087.	1.6	0
398	Consideration of Native Coronary Disease Progression in the Decision to Perform Hybrid Coronary Revascularization. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 1-3.	0.9	0
399	Minimally Invasive Coronary Artery Bypass Grafting. , 2020, , 167-173.		0
400	Editorial: Coronary artery surgery. <i>Current Opinion in Cardiology</i> , 2020, 35, 657.	1.8	0
401	Derivation and validation of a clinical risk score to predict death among patients awaiting cardiac surgery in Ontario, Canada: a population-based study. <i>CMAJ Open</i> , 2022, 10, E173-E182.	2.4	0
402	Commentary: We are talking about a vessel and not just a pipe. <i>JTCVS Techniques</i> , 2022, 12, 75-76.	0.4	0
403	Utility of a smartphone application in assessing palmar circulation prior to radial artery harvesting for coronary artery bypass grafting: rationale and design of the randomised CAPITAL iRADIAL-CABG trial. <i>BMJ Open</i> , 2022, 12, e055580.	1.9	0