Stephen E Fremes

List of Publications by Citations

354 papers	11,490 citations	54 h-index	98 g-index
400 ext. papers	13,936 ext. citations	4.5 avg, IF	6.02 L-index

#	Paper	IF	Citations
354	A comparison of aprotinin and lysine analogues in high-risk cardiac surgery. *New England Journal of Medicine*, **2008**, 358, 2319-31	59.2	883
353	Acute kidney injury after cardiac surgery: focus on modifiable risk factors. *Circulation*, **2009**, 119, 495-502	16.7	503
352	Antithrombotic and thrombolytic therapy for valvular disease: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. *Chest*, **2012**, 141, e576S-e600S	5.3	442
351	A randomized comparison of radial-artery and saphenous-vein coronary bypass grafts. *New England Journal of Medicine*, **2004**, 351, 2302-9	59.2	406
350	2017 Comprehensive Update of the Canadian Cardiovascular Society Guidelines for the Management of Heart Failure. *Canadian Journal of Cardiology*, **2017**, 33, 1342-1433	3.8	330
349	Radial-Artery or Saphenous-Vein Grafts in Coronary-Artery Bypass Surgery. *New England Journal of Medicine*, **2018**, 378, 2069-2077	59.2	260
348	Metaanalysis of prophylactic drug treatment in the prevention of postoperative bleeding. *Annals of Thoracic Surgery*, **1994**, 58, 1580-8	2.7	208
347	The Society of Thoracic Surgeons Clinical Practice Guidelines on Arterial Conduits for Coronary Artery Bypass Grafting. *Annals of Thoracic Surgery*, **2016**, 101, 801-9	2.7	198
346	Coronary bypass and carotid endarterectomy: does a combined approach increase risk? A metaanalysis. *Annals of Thoracic Surgery*, **1999**, 68, 14-20; discussion 21	2.7	197
345	Adverse effects associated with transcatheter aortic valve implantation: a meta-analysis of contemporary studies. *Annals of Internal Medicine*, **2013**, 158, 35-46	8	189
344	Radial artery grafts vs saphenous vein grafts in coronary artery bypass surgery: a randomized trial. *JAMA - Journal of the American Medical Association*, **2011**, 305, 167-74	27.4	179
343	Coronary artery bypass graft surgery vs percutaneous interventions in coronary revascularization: a systematic review. *JAMA - Journal of the American Medical Association*, **2013**, 310, 2086-95	27.4	176
342	The influence of gender on the outcome of coronary artery bypass surgery. *Annals of Thoracic Surgery*, **2000**, 70, 800-5; discussion 806	2.7	172
341	Radial artery and saphenous vein patency more than 5 years after coronary artery bypass surgery: results from RAPS (Radial Artery Patency Study). *Journal of the American College of Cardiology*, **2012**, 60, 28-35	15.1	171
340	Accelerated myocardial metabolic recovery with terminal warm blood cardioplegia. *Journal of Thoracic and Cardiovascular Surgery*, **1986**, 91, 888-895	1.5	170
339	Impact of patient and target-vessel characteristics on arterial and venous bypass graft patency: insight from a randomized trial. *Circulation*, **2007**, 115, 684-91	16.7	160
338	Levosimendan in Patients with Left Ventricular Dysfunction Undergoing Cardiac Surgery. *New England Journal of Medicine*, **2017**, 376, 2032-2042	59.2	156

337	The no-touch saphenous vein for coronary artery bypass grafting maintains a patency, after 16 years, comparable to the left internal thoracic artery: A randomized trial. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 150, 880-8	1.5	155
336	Patient prosthesis mismatch is rare after aortic valve replacement: valve size may be irrelevant. *Annals of Thoracic Surgery*, **2002**, 73, 1822-9; discussion 1829	2.7	140
335	Gender differences in outcomes after hospital discharge from coronary artery bypass grafting. *Circulation*, **2006**, 113, 507-16	16.7	131
334	A Review of Propensity-Score Methods and Their Use in Cardiovascular Research. *Canadian Journal of Cardiology*, **2016**, 32, 259-65	3.8	129
333	A clinical trial of blood and crystalloid cardioplegia. *Journal of Thoracic and Cardiovascular Surgery*, **1984**, 88, 726-741	1.5	127
332	A randomized study of the systemic effects of warm heart surgery. *Annals of Thoracic Surgery*, **1992**, 54, 449-57; discussion 457-9	2.7	122
331	Transcatheter aortic valve implantation: a Canadian Cardiovascular Society position statement. *Canadian Journal of Cardiology*, **2012**, 28, 520-8	3.8	121
330	Mechanisms, Consequences, and Prevention of Coronary Graft Failure. *Circulation*, **2017**, 136, 1749-1764	16.7	113
329	A randomized comparison of intraoperative indocyanine green angiography and transit-time flow measurement to detect technical errors in coronary bypass grafts. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 132, 585-94	1.5	111
328	Trends in coronary artery bypass surgery results: a recent, 9-year study. *Annals of Thoracic Surgery*, **2000**, 70, 84-90	2.7	109
327	Myocardial metabolism and ventricular function following cold potassium cardioplegia. *Journal of Thoracic and Cardiovascular Surgery*, **1985**, 89, 531-546	1.5	107
326	Is body size the cause for poor outcomes of coronary artery bypass operations in women?. *Journal of Thoracic and Cardiovascular Surgery*, **1995**, 110, 1344-56; discussion 1356-8	1.5	106
325	Is blood superior to crystalloid cardioplegia? A meta-analysis of randomized clinical trials. *Circulation*, **2006**, 114, I331-8	16.7	100
324	Are stentless valves hemodynamically superior to stented valves? A prospective randomized trial. *Annals of Thoracic Surgery*, **2002**, 73, 767-75; discussion 775-8	2.7	99
323	Inaccurate and misleading valve sizing: a proposed standard for valve size nomenclature. *Annals of Thoracic Surgery*, **1998**, 66, 1198-203	2.7	91
322	Late outcomes in patients with uncorrected mild to moderate mitral regurgitation at the time of isolated coronary artery bypass grafting. *Journal of Thoracic and Cardiovascular Surgery*, **2004**, 127, 636-44	1.5	85
321	Left ventricular mass regression early after aortic valve replacement. *Annals of Thoracic Surgery*, **1996**, 62, 1084-9	2.7	83
320	Standards of training. *Cmaj*, **2006**, 174, 503-503	3.5	78

319	The 2014 Canadian Cardiovascular Society Heart Failure Management Guidelines Focus Update: anemia, biomarkers, and recent therapeutic trial implications. *Canadian Journal of Cardiology*, **2015**, 31, 3-16	3.8	77
318	Troponin after cardiac surgery: a predictor or a phenomenon?. *Annals of Thoracic Surgery*, **2008**, 85, 1348-54	2.7	77
317	Improving the quality of coronary bypass surgery with intraoperative angiography: validation of a new technique. *Journal of the American College of Cardiology*, **2005**, 46, 1521-5	15.1	77
316	A new and simplified method for coronary and graft imaging during CABG. *Heart Surgery Forum*, **2002**, 5, 141-4	0.7	74
315	Left Atrial Appendage Occlusion Study II (LAAOS II). *Canadian Journal of Cardiology*, **2013**, 29, 1443-7	3.8	73
314	Randomized comparison of the clinical outcome of single versus multiple arterial grafts: the ROMA trial-rationale and study protocol. *European Journal of Cardio-thoracic Surgery*, **2017**, 52, 1031-1040	3	72
313	Central-nervous-system dysfunction after warm or hypothermic cardiopulmonary bypass. *Lancet, The*, **1992**, 339, 1383-4	40	71
312	Does the use of preoperative aspirin increase the risk of bleeding in patients undergoing coronary artery bypass grafting surgery? Systematic review and meta-analysis. *Journal of Cardiac Surgery*, **2007**, 22, 247-56	1.3	69
311	Unmeasured Confounders in Observational Studies Comparing Bilateral Versus Single Internal Thoracic Artery for Coronary Artery Bypass Grafting: A Meta-Analysis. *Journal of the American Heart Association*, **2018**, 7,	6	66
310	Time-related mortality for women after coronary artery bypass graft surgery: a population-based study. *Journal of Thoracic and Cardiovascular Surgery*, **2004**, 127, 1158-65	1.5	65
309	Comparison of hemodynamic performance of self-expandable CoreValve versus balloon-expandable Edwards SAPIEN aortic valves inserted by catheter for aortic stenosis. *American Journal of Cardiology*, **2013**, 111, 1026-33	3	64
308	Dual antiplatelet therapy in patients requiring urgent coronary artery bypass grafting surgery: a position statement of the Canadian Cardiovascular Society. *Canadian Journal of Cardiology*, **2009**, 25, 683-9	3.8	63
307	Right ventricular dysfunction following cold potassium cardioplegia. *Journal of Thoracic and Cardiovascular Surgery*, **1985**, 90, 243-250	1.5	61
306	Pedicled no-touch saphenous vein graft harvest limits vascular smooth muscle cell activation: the PATENT saphenous vein graft study. *European Journal of Cardio-thoracic Surgery*, **2014**, 45, 717-25	3	60
305	Relationship between preventability of death after coronary artery bypass graft surgery and all-cause risk-adjusted mortality rates. *Circulation*, **2008**, 117, 2969-76	16.7	58
304	Technique and pitfalls of retrograde continuous warm blood cardioplegia. *Annals of Thoracic Surgery*, **1991**, 51, 1023-5	2.7	58
303	Should radial arteries be used routinely for coronary artery bypass grafting?. *Circulation*, **2004**, 110, e40-6	16.7	57
302	Response of Cardiac Surgery Units to COVID-19: An Internationally-Based Quantitative Survey. *Circulation*, **2020**, 142, 300-302	16.7	54

301	The radial artery versus the saphenous vein graft in contemporary CABG: a case-matched study. *Annals of Thoracic Surgery*, **2001**, 71, 180-5; discussion 185-6	2.7	54
300	Radial artery angiographic string sign: clinical consequences and the role of pharmacologic therapy. *Annals of Thoracic Surgery*, **2006**, 81, 112-8; discussion 119	2.7	50
299	Aprotinin and tranexamic acid for high transfusion risk cardiac surgery. *Annals of Thoracic Surgery*, **2000**, 69, 808-16	2.7	48
298	Association of Radial Artery Graft vs Saphenous Vein Graft With Long-term Cardiovascular Outcomes Among Patients Undergoing Coronary Artery Bypass Grafting: A Systematic Review and Meta-analysis. *JAMA - Journal of the American Medical Association*, **2020**, 324, 179-187	27.4	47
297	Long-term results of aortic valve replacement with the St. Jude Toronto stentless porcine valve. *Annals of Thoracic Surgery*, **2004**, 78, 2076-83; discussion 2076-83	2.7	46
296	Transcatheter ViV Versus Redo Surgical AVR for the Management of Failed Biological Prosthesis: Early and Late Outcomes in a Propensity-Matched Cohort. *JACC: Cardiovascular Interventions*, **2020**, 13, 765-774	5	45
295	The technique of radial artery bypass grafting and early clinical results. *Journal of Cardiac Surgery*, **1995**, 10, 537-44	1.3	44
294	Impact of preoperative risk and perioperative morbidity on ICU stay following coronary bypass surgery. *Vascular*, **1996**, 4, 29-35		44
293	SUPERIOR SVG: no touch saphenous harvesting to improve patency following coronary bypass grafting (a multi-Centre randomized control trial, NCT01047449). *Journal of Cardiothoracic Surgery*, **2019**, 14, 85	1.6	42
292	The impact of diabetic status on coronary artery bypass graft patency: insights from the radial artery patency study. *Circulation*, **2008**, 118, S222-5	16.7	42
291	A numerical study of blood flow in coronary artery bypass graft side-to-side anastomoses. *Annals of Biomedical Engineering*, **2002**, 30, 599-611	4.7	42
290	Determinants of incomplete left ventricular mass regression following aortic valve replacement for aortic stenosis. *Journal of Cardiac Surgery*, **2005**, 20, 307-13	1.3	42
289	The identification and development of Canadian coronary artery bypass graft surgery quality indicators. *Journal of Thoracic and Cardiovascular Surgery*, **2005**, 130, 1257	1.5	42
288	Cardiac release of prostacyclin and thromboxane A2 during coronary revascularization. *Journal of Thoracic and Cardiovascular Surgery*, **1987**, 93, 120-126	1.5	42
287	The role of recombinant factor VIIa in on-pump cardiac surgery: proceedings of the Canadian Consensus Conference. *Canadian Journal of Anaesthesia*, **2007**, 54, 573-82	3	41
286	A comparison of nitroglycerin and nitroprusside: I. Treatment of postoperative hypertension. *Annals of Thoracic Surgery*, **1985**, 39, 53-60	2.7	41
285	Transcatheter valve-in-valve versus redo surgical aortic valve replacement for the treatment of degenerated bioprosthetic aortic valve: A systematic review and meta-analysis. *Catheterization and Cardiovascular Interventions*, **2018**, 92, 1404-1411	2.7	40
284	Are stentless valves hemodynamically superior to stented valves? Long-term follow-up of a randomized trial comparing Carpentier-Edwards pericardial valve with the Toronto Stentless Porcine Valve. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 139, 848-59	1.5	40

283	How many arterial grafts are enough? A population-based study of midterm outcomes. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 131, 1021-8	1.5	39
282	Decreased postoperative myocardial fatty acid oxidation. *Journal of Surgical Research*, **1988**, 44, 36-44	2.5	39
281	Hemodynamic and myocardial metabolic consequences of PEEP. *Chest*, **1985**, 88, 496-502	5.3	39
280	Native coronary artery patency after coronary artery bypass surgery. *JACC: Cardiovascular Interventions*, **2014**, 7, 761-7	5	38
279	Predictors of early and late stroke following cardiac surgery. *Cmaj*, **2014**, 186, 905-11	3.5	38
278	Determinants of pacemaker dependency after coronary and/or mitral or aortic valve surgery with long-term follow-up. *American Journal of Cardiology*, **2008**, 101, 203-8	3	37
277	Prolonged hypothermic cardiac storage with University of Wisconsin solution: An assessment with human cell cultures. *Journal of Thoracic and Cardiovascular Surgery*, **1991**, 102, 666-672	1.5	37
276	Multiple Arterial Grafting Is Associated With Better Outcomes for Coronary Artery Bypass Grafting Patients. *Circulation*, **2018**, 138, 2081-2090	16.7	37
275	A cost-utility analysis of transcatheter versus surgical aortic valve replacement for the treatment of aortic stenosis in the population with intermediate surgical risk. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 1978-1988.e1	1.5	36
274	2019 Canadian Cardiovascular Society Position Statement for Transcatheter Aortic Valve Implantation. *Canadian Journal of Cardiology*, **2019**, 35, 1437-1448	3.8	36
273	The 2013 Canadian Cardiovascular Society Heart Failure Management Guidelines Update: focus on rehabilitation and exercise and surgical coronary revascularization. *Canadian Journal of Cardiology*, **2014**, 30, 249-63	3.8	36
272	Radial Artery Versus Right Internal Thoracic Artery Versus Saphenous Vein as the Second Conduit for Coronary Artery Bypass Surgery: A Network Meta-Analysis of Clinical Outcomes. *Journal of the American Heart Association*, **2019**, 8, e010839	6	36
271	Public versus private institutional performance reporting: what is mandatory for quality improvement?. *American Heart Journal*, **2006**, 152, 573-8	4.9	35
270	Right ventricular function: a comparison between blood and crystalloid cardioplegia. *Annals of Thoracic Surgery*, **1987**, 43, 17-24	2.7	35
269	Antithrombotic treatment after coronary artery bypass graft surgery: systematic review and network meta-analysis. *BMJ, The*, **2019**, 367, l5476	5.9	34
268	The Graft Imaging to Improve Patency (GRIIP) clinical trial results. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 139, 294-301, 301.e1	1.5	34
267	Determinants of low systemic vascular resistance during cardiopulmonary bypass. *Annals of Thoracic Surgery*, **1994**, 58, 1040-9	2.7	34
266	The long-term impact of diabetes on graft patency after coronary artery bypass grafting surgery: a substudy of the multicenter Radial Artery Patency Study. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 1246-53; discussion 1253	1.5	33

265	Use Rate and Outcome in Bilateral Internal Thoracic Artery Grafting: Insights From a Systematic Review and Meta-Analysis. *Journal of the American Heart Association*, **2018**, 7,	6	33
264	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. *Circulation: Cardiovascular Interventions*, **2015**, 8,	6	32
263	A novel comparison of stentless versus stented valves in the small aortic root. *Journal of Thoracic and Cardiovascular Surgery*, **1999**, 117, 431-6; discussion 436-38	1.5	32
262	Impact of wait times on the effectiveness of transcatheter aortic valve replacement in severe aortic valve disease: a discrete event simulation model. *Canadian Journal of Cardiology*, **2014**, 30, 1162-9	3.8	31
261	Randomized study of right ventricular function with intermittent warm or cold cardioplegia. *Annals of Thoracic Surgery*, **1996**, 61, 128-34	2.7	30
260	Early Versus Delayed Stroke After Cardiac Surgery: A Systematic Review and Meta-Analysis. *Journal of the American Heart Association*, **2019**, 8, e012447	6	28
259	Arterial Grafts for Coronary Bypass: A Critical Review After the Publication of ART and RADIAL. *Circulation*, **2019**, 140, 1273-1284	16.7	28
258	The short-term and long-term effects of warm or tepid cardioplegia. *Journal of Thoracic and Cardiovascular Surgery*, **2003**, 125, 711-20	1.5	28
257	Does coronary endarterectomy adversely affect the results of bypass surgery?. *Journal of Cardiac Surgery*, **1993**, 8, 72-8	1.3	28
256	Reducing the risk of urgent revascularization for unstable angina: A randomized clinical trial. *Journal of Vascular Surgery*, **1986**, 3, 764-772	3.5	28
255	Off- Versus On-Pump Coronary Surgery and the Effect of Follow-Up Length and Surgeons' Experience: A Meta-Analysis. *Journal of the American Heart Association*, **2018**, 7, e010034	6	28
254	Multicenter radial artery patency study (RAPS). Study design. *Contemporary Clinical Trials*, **2000**, 21, 397-413		27
253	Technical aspects of warm heart surgery. *Journal of Cardiac Surgery*, **1991**, 6, 278-85	1.3	27
252	Intermittent warm blood cardioplegia. Warm Heart Investigators. *Circulation*, **1995**, 92, II341-6	16.7	27
251	Comparison of Outcomes of Balloon-Expandable Versus Self-Expandable Transcatheter Heart Valves for Severe Aortic Stenosis. *American Journal of Cardiology*, **2017**, 119, 1094-1099	3	26
250	In vivo validation of MR pulse pressure measurement in an aortic flow model: preliminary results. *Magnetic Resonance in Medicine*, **1997**, 38, 215-23	4.4	26
249	Reducing the risk of urgent revascularization for unstable angina: A randomized clinical trial. *Journal of Vascular Surgery*, **1986**, 3, 764-772	3.5	25
248	Early and late outcomes following aortic root enlargement: A multicenter propensity score-matched cohort analysis. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 160, 908-919.e15	1.5	25

247	Overall and Cause-Specific Mortality in Randomized Clinical Trials Comparing Percutaneous Interventions With Coronary Bypass Surgery: A Meta-analysis. *JAMA Internal Medicine*, **2020**, 180, 1638-1648	11.5	25
246	Effect of Calcium-Channel Blocker Therapy on Radial Artery Grafts After Coronary Bypass Surgery. *Journal of the American College of Cardiology*, **2019**, 73, 2299-2306	15.1	24
245	Cost-Effectiveness of Self-Expandable Transcatheter Aortic Valves in Intermediate-Risk Patients. *Annals of Thoracic Surgery*, **2018**, 106, 676-683	2.7	24
244	Clinical, biochemical, and genetic predictors of coronary artery bypass graft failure. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 515-520.e2	1.5	24
243	A derived and validated score to predict prolonged mechanical ventilation in patients undergoing cardiac surgery. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, 108-115	1.5	23
242	Radial artery versus saphenous vein as the second conduit for coronary artery bypass surgery: A meta-analysis. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 157, 1819-1825.e10	1.5	23
241	Transcatheter vs Surgical Aortic Valve Replacement for Aortic Stenosis in Low-Intermediate Risk Patients: A Meta-analysis. *Canadian Journal of Cardiology*, **2017**, 33, 1171-1179	3.8	22
240	A Systematic Review and Meta-Analysis of del Nido Versus Conventional Cardioplegia in Adult Cardiac Surgery. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2019**, 14, 385-393	1.5	22
239	SodiUm SeleniTe Adminstration IN Cardiac Surgery (SUSTAIN CSX-trial): study design of an international multicenter randomized double-blinded controlled trial of high dose sodium-selenite administration in high-risk cardiac surgical patients. *Trials*, **2014**, 15, 339	2.8	22
238	Long-Term Survival After Surgical or Percutaneous Revascularization in Patients With Diabetes and Multivessel Coronary Disease. *Journal of the American College of Cardiology*, **2020**, 76, 1153-1164	15.1	22
237	Factors associated with length of stay following trans-catheter aortic valve replacement - a multicenter study. *BMC Cardiovascular Disorders*, **2017**, 17, 137	2.3	21
236	Surgical valve selection in the era of transcatheter aortic valve replacement in the Society of Thoracic Surgeons Database. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 416-427.e8	1.5	21
235	Prevention of radial artery graft spasm: a survey of Canadian surgical centres. *Canadian Journal of Cardiology*, **2003**, 19, 677-81	3.8	21
234	Use of Two-Dimensional Ultrasonographically Guided Access to Reduce Access-Related Complications for Transcatheter Aortic Valve Replacement. *Canadian Journal of Cardiology*, **2017**, 33, 918-924	3.8	20
233	Levosimendan in patients with left ventricular systolic dysfunction undergoing cardiac surgery on cardiopulmonary bypass: Rationale and study design of the Levosimendan in Patients with Left Ventricular Systolic Dysfunction Undergoing Cardiac Surgery Requiring Cardiopulmonary Bypass (LEVO-CTS) trial. *American Heart Journal*, **2016**, 182, 62-71	4.9	20
232	Can the results of contemporary aortic valve replacement be improved?. *Journal of Thoracic and Cardiovascular Surgery*, **1986**, 92, 37-46	1.5	20
231	Association Between Wait Time for Transcatheter Aortic Valve Replacement and Early Postprocedural Outcomes. *Journal of the American Heart Association*, **2019**, 8, e010407	6	20
230	Effects of remote ischemic preconditioning in high-risk patients undergoing cardiac surgery (Remote IMPACT): a randomized controlled trial. *Cmaj*, **2016**, 188, 329-336	3.5	19

229	Stroke After Coronary Artery Bypass Grafting and Percutaneous Coronary Intervention: Incidence, Pathogenesis, and Outcomes. *Journal of the American Heart Association*, **2019**, 8, e013032	6	19
228	Comparison of the effectiveness and safety of low-molecular weight heparin versus unfractionated heparin anticoagulation after heart valve surgery. *American Journal of Cardiology*, **2011**, 107, 591-4	3	19
227	The evidence for the use of recombinant factor VIIa in massive bleeding: development of a transfusion policy framework. *Transfusion Medicine*, **2008**, 18, 112-20	1.3	19
226	Why is off-pump coronary surgery uncommon in Canada? Results of a population-based survey of Canadian heart surgeons. *Circulation*, **2004**, 110, II7-12	16.7	19
225	Long-term Outcomes Associated With Total Arterial Revascularization vs Non-Total Arterial Revascularization. *JAMA Cardiology*, **2020**, 5, 507-514	16.2	18
224	Adenosine pretreatment for prolonged cardiac storage. An evaluation with St. Thomas' Hospital and University of Wisconsin solutions. *Journal of Thoracic and Cardiovascular Surgery*, **1995**, 110, 293-301	1.5	18
223	Aortic Root Enlargement Is Safe and Reduces the Incidence of Patient-Prosthesis Mismatch: A Meta-analysis of Early and Late Outcomes. *Canadian Journal of Cardiology*, **2019**, 35, 782-790	3.8	17
222	Is cerebral microembolism in mechanical prosthetic heart valves clinically relevant?. *Journal of Neuroimaging*, **2002**, 12, 310-5	2.8	17
221	Considerations for Reduction of Risk of Perioperative Stroke in Adult Patients Undergoing Cardiac and Thoracic Aortic Operations: A Scientific Statement From the American Heart Association. *Circulation*, **2020**, 142, e193-e209	16.7	17
220	Characteristics of Contemporary Randomized Clinical Trials and Their Association With the Trial Funding Source in Invasive Cardiovascular Interventions. *JAMA Internal Medicine*, **2020**, 180, 993-1001	11.5	16
219	Efficacy and safety of early parenteral anticoagulation as a bridge to warfarin after mechanical valve replacement. *Thrombosis and Haemostasis*, **2014**, 112, 1120-8	7	16
218	Predictors of contemporary coronary artery bypass grafting outcomes. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 2720-6.e1-2	1.5	16
217	Regulatory decisions pertaining to aprotinin may be putting patients at risk. *Cmaj*, **2014**, 186, 1379-86	3.5	16
216	Can patients with left main stenosis wait for coronary artery bypass grafting?. *Annals of Thoracic Surgery*, **1996**, 61, 552-7	2.7	16
215	Cardiopulmonary bypass, rewarming, and central nervous system dysfunction. *Annals of Thoracic Surgery*, **1996**, 61, 1423-7	2.7	16
214	Early vs Late Surgery for Patients With Endocarditis and Neurological Injury: A Systematic Review and Meta-analysis. *Canadian Journal of Cardiology*, **2018**, 34, 1185-1199	3.8	16
213	Committee Recommendations for Resuming Cardiac Surgery Activity in the SARS-CoV-2 Era: Guidance From an International Cardiac Surgery Consortium. *Annals of Thoracic Surgery*, **2020**, 110, 725-732	2.7	15
212	Randomized Trials in Cardiac Surgery: JACC Review Topic of the Week. *Journal of the American College of Cardiology*, **2020**, 75, 1593-1604	15.1	15

211	The Radial Artery for Percutaneous Coronary Procedures or Surgery?. *Journal of the American College of Cardiology*, **2018**, 71, 1167-1175	15.1	15
210	Transfusion Requirements in Cardiac Surgery III (TRICS III): Study Design of a Randomized Controlled Trial. *Journal of Cardiothoracic and Vascular Anesthesia*, **2018**, 32, 121-129	2.1	15
209	Rigid Plate Fixation Versus Wire Cerclage for Sternotomy After Cardiac Surgery: A Meta-Analysis. *Annals of Thoracic Surgery*, **2018**, 106, 298-304	2.7	15
208	Cut-off values for transit time flowmetry: are the revision criteria appropriate?. *Journal of Cardiac Surgery*, **2013**, 28, 3-7	1.3	15
207	Functional cardiac paraganglioma associated with a rare SDHC mutation. *Endocrine Pathology*, **2014**, 25, 315-20	4.2	15
206	Development of a risk score for early saphenous vein graft failure: An individual patient data meta-analysis. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 160, 116-127.e4	1.5	15
205	Fractional Flow Reserve-Based Coronary Artery Bypass Surgery: Current Evidence and Future Directions. *JACC: Cardiovascular Interventions*, **2020**, 13, 1086-1096	5	14
204	Evaluation of Persistent Organ Dysfunction Plus Death As a Novel Composite Outcome in Cardiac Surgical Patients. *Journal of Cardiothoracic and Vascular Anesthesia*, **2016**, 30, 30-8	2.1	14
203	Comparison of Radial Artery and Saphenous Vein Graft Stenosis More Than 5 Years After Coronary Artery Bypass Grafting. *Annals of Thoracic Surgery*, **2016**, 102, 712-719	2.7	14
202	A Clinical Risk Scoring Tool to Predict Readmission After Cardiac Surgery: An Ontario Administrative and Clinical Population Database Study. *Canadian Journal of Cardiology*, **2018**, 34, 1655-1664	3.8	14
201	Cardiac storage with University of Wisconsin solution and a nucleoside-transport blocker. *Annals of Thoracic Surgery*, **1995**, 59, 1127-33	2.7	13
200	Modality Selection for the Revascularization of Left Main Disease. *Canadian Journal of Cardiology*, **2019**, 35, 983-992	3.8	13
199	Cognitive Outcomes After Transcatheter Aortic Valve Implantation: A Metaanalysis. *Journal of the American Geriatrics Society*, **2018**, 66, 254-262	5.6	13
198	Long-term safety and effectiveness of drug-eluting stents for the treatment of saphenous vein grafts disease: a population-based study. *JACC: Cardiovascular Interventions*, **2011**, 4, 965-73	5	12
197	Recent preoperative myocardial infarction increases the risk of surgery for unstable angina. *Journal of Cardiac Surgery*, **1991**, 6, 2-12	1.3	12
196	Angiographic Patency of Coronary Artery Bypass Conduits: A Network Meta-Analysis of Randomized Trials. *Journal of the American Heart Association*, **2021**, 10, e019206	6	12
195	Systematic Evaluation of the Robustness of the Evidence Supporting Current Guidelines on Myocardial Revascularization Using the Fragility Index. *Circulation: Cardiovascular Quality and Outcomes*, **2019**, 12, e006017	5.8	12
194	Sex differences in outcomes after coronary artery bypass grafting: a pooled analysis of individual patient data. *European Heart Journal*, **2021**,	9.5	12

193	Clinical outcomes after trans-catheter aortic valve replacement in men and women in Ontario, Canada. *Catheterization and Cardiovascular Interventions*, **2017**, 90, 486-494	2.7	11
192	Preprocedure Anemia Management Decreases Transfusion Rates in Patients Undergoing Transcatheter Aortic Valve Implantation. *Canadian Journal of Cardiology*, **2016**, 32, 732-8	3.8	11
191	Technical Aspects of the Use of the Radial Artery in Coronary Artery Bypass Surgery. *Annals of Thoracic Surgery*, **2019**, 108, 613-622	2.7	11
190	Consequences of radial artery harvest: results of a prospective, randomized, multicenter trial. *JAMA Surgery*, **2013**, 148, 1020-3	5.4	11
189	Early results using an ePTFE membrane for pericardial closure following coronary bypass grafting. *Journal of Cardiac Surgery*, **1998**, 13, 190-3	1.3	11
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