

Marc A Ruel

List of Publications by Year in descending order

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Version: 2024-02-01

403
papers

12,615
citations

20759

60
h-index

39575

94
g-index

414
all docs

414
docs citations

414
times ranked

11829
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.4	1
2	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.	0.4	2
3	Outcomes of Surgical Bioprosthetic Aortic Valve Replacement in Patients Aged ≥ 65 and > 65 Years. <i>Annals of Thoracic Surgery</i> , 2023, 116, 483-490.	0.7	5
4	Commentary: Protect, prevent, prolongâ€ . <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 709-710.	0.4	0
5	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.	0.4	2
6	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.	0.7	4
7	Association of Volume and Outcomes in 234 556 Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1299-1306.	0.7	16
8	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.	0.8	5
9	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.	0.7	24
10	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.	1.1	0
11	Nanoengineered Sprayable Therapy for Treating Myocardial Infarction. <i>ACS Nano</i> , 2022, 16, 3522-3537.	7.3	5
12	Patient Care Journey for Patients With Heart Valve Disease. <i>Canadian Journal of Cardiology</i> , 2022, 38, 1296-1299.	0.8	7
13	Missing the Goal With the 2021 ACC/AHA/SCAI Guideline for Coronary Artery Revascularization. <i>Canadian Journal of Cardiology</i> , 2022, 38, 705-708.	0.8	7
14	A standardized definition for right ventricular failure in cardiac surgery patients. <i>ESC Heart Failure</i> , 2022, 9, 1542-1552.	1.4	13
15	Commentary: We are talking about a vessel and not just a pipe. <i>JTCVS Techniques</i> , 2022, 12, 75-76.	0.2	0
16	Ticagrelor versus aspirin 2 years after coronary bypass: Observational analysis from the TARGET trial. <i>Journal of Cardiac Surgery</i> , 2022, 37, 1969-1977.	0.3	6
17	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>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1362-1365.	0.4	12
18	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.	0.8	0

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19	Ticagrelor versus aspirin and vein graft patency after coronary bypass: A randomized trial. <i>Journal of Cardiac Surgery</i> , 2022, 37, 563-570.	0.3	13
20	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, .	7.8	9
21	Current surgical bioprostheses: Looking to the future. <i>Progress in Cardiovascular Diseases</i> , 2022, 72, 21-25.	1.6	1
22	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.	0.5	26
23	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.	1.7	11
24	Methodologic Considerations on Four Cardiovascular Interventions Trials With Contradictory Results. <i>Annals of Thoracic Surgery</i> , 2021, 111, 690-699.	0.7	8
25	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.	0.4	2
26	Patients With Severely Reduced Ejection Fraction Undergoing Revascularizationâ€”Is Something Missing?â€”Reply. <i>JAMA Cardiology</i> , 2021, 6, 242.	3.0	0
27	Improving Care for Patients With Degenerative Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2021, 111, 486-487.	0.7	0
28	Knowledge and Attitudes of Canadian Cardiac Surgeons Regarding Patients With Human Immunodeficiency Virus. <i>Annals of Thoracic Surgery</i> , 2021, 111, 945-950.	0.7	2
29	Cardiovascular Care Delivery During the Second Wave of COVID-19 in Canada. <i>Canadian Journal of Cardiology</i> , 2021, 37, 790-793.	0.8	11
30	Implications of the ISCHEMIA trial on the practice of surgical myocardial revascularization. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 90-99.	0.4	7
31	Derivation of Patient-Defined Adverse Cardiovascular and Noncardiovascular Events Through a Modified Delphi Process. <i>JAMA Network Open</i> , 2021, 4, e2032095.	2.8	13
32	Commentary: A Long-Lasting Complication: Re-exploration for Bleeding and Its Negative Correlation With Long-Term Survival. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 776-777.	0.4	0
33	The Coronaries. , 2021, , 277-284.		0
34	Commentary: Robotic totally endoscopic coronary artery bypass: State of an art. <i>JTCVS Techniques</i> , 2021, 10, 158-159.	0.2	0
35	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.	1.6	2
36	The 7 Pillars of Multivessel Minimally Invasive Coronary Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 216-217.	0.4	1

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37	Reimplantation for anomalous right coronary artery. JTCVS Techniques, 2021, 7, 226-228.	0.2	6
38	President's Page. Canadian Journal of Cardiology, 2021, 37, 813-815.	0.8	0
39	Commentary: Does the SYNTAX (Synergy between PCI with Taxus and Cardiac Surgery) score even matter?. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
40	Long COVID-19: A Primer for Cardiovascular Health Professionals, on Behalf of the CCS Rapid Response Team. Canadian Journal of Cardiology, 2021, 37, 1260-1262.	0.8	16
41	Current opinion on controversial issues in coronary artery bypass surgery. Current Opinion in Cardiology, 2021, Publish Ahead of Print, 727.	0.8	0
42	Less invasive multivessel coronary artery bypass grafting. Current Opinion in Cardiology, 2021, Publish Ahead of Print, 735-739.	0.8	3
43	Durability of Minimally Invasive Coronary Artery Bypass Grafting. Journal of the American College of Cardiology, 2021, 78, 1390-1391.	1.2	8
44	Nonsternotomy multivessel coronary artery bypass grafting: A key development in cardiac surgery. JTCVS Techniques, 2021, 10, 162-167.	0.2	3
45	2021: The American Association for Thoracic Surgery Expert Consensus Document: Coronary artery bypass grafting in patients with ischemic cardiomyopathy and heart failure. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 829-850.e1.	0.4	34
46	Commentary: The mitral annulus in normal valve function. Does shape matter?. JTCVS Techniques, 2021, 10, 45-46.	0.2	0
47	The Use of Intraoperative Transit Time Flow Measurement for Coronary Artery Bypass Surgery: Systematic Review of the Evidence and Expert Opinion Statements. Circulation, 2021, 144, 1160-1171.	1.6	20
48	Commentary: The saphenous vein in coronary artery bypass grafting: Optimizing our workhorse. JTCVS Techniques, 2021, 10, 110-111.	0.2	0
49	Introduction to the 2021 Cardiovascular Surgery Themed Issue of <i>Circulation</i>. Circulation, 2021, 144, 1087-1087.	1.6	0
50	Response to the Comment on "Single Versus Multiple Arterial Revascularization in Patients With Reduced Renal Function Long-Term Outcome Comparisons in 23,406 CABG Patients From Ontario, Canada". Annals of Surgery, 2021, 274, e824-e825.	2.1	1
51	Can Biomarkers Provide Right Ventricular-Specific Prognostication in the Perioperative Setting?. Journal of Cardiac Failure, 2020, 26, 776-780.	0.7	5
52	The SYNTAX score according to diabetic status: What does it mean for the patient requiring myocardial revascularization?. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 857-860.	0.4	5
53	Randomized, Controlled Trial Comparing Mitral Valve Repair With Leaflet Resection Versus Leaflet Preservation on Functional Mitral Stenosis. Circulation, 2020, 142, 1342-1350.	1.6	25
54	Introduction to the 2020 <i>Circulation</i> Cardiovascular Surgery "Themed Issue. Circulation, 2020, 142, 1313-1314.	1.6	0

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55	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.	1.6	14
56	Overall and Cause-Specific Mortality in Randomized Clinical Trials Comparing Percutaneous Interventions With Coronary Bypass Surgery. <i>JAMA Internal Medicine</i> , 2020, 180, 1638.	2.6	72
57	Impact of lipid levels and high-intensity statins on vein graft patency after CABG: Midterm results of the ACTIVE trial. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3286-3293.	0.3	6
58	Direct Implant of a Transcatheter Aortic Valve Prosthesis for Prosthetic Mitral Valve Endocarditis. <i>CJC Open</i> , 2020, 2, 303-305.	0.7	0
59	BEaTS- \pm an open access 3D printed device for in vitro electromechanical stimulation of human induced pluripotent stem cells. <i>Scientific Reports</i> , 2020, 10, 11274.	1.6	9
60	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.	1.6	4
61	Publication of cardiac surgery research papers in top cardiovascular journals. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2734-2736.	0.3	1
62	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.	0.8	2
63	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.	0.7	21
64	Response of Cardiac Surgery Units to COVID-19. <i>Circulation</i> , 2020, 142, 300-302.	1.6	72
65	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.	2.6	34
66	Multidisciplinary Code Shock Team in Cardiogenic Shock: A Canadian Centre Experience. <i>CJC Open</i> , 2020, 2, 249-257.	0.7	44
67	Surgery for Mitral Valve Papillary Muscle Rupture: Implications of Replacement Versus Repair. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1982.	0.7	1
68	Cardiac Rehabilitation During the COVID-19 Era: Guidance on Implementing Virtual Care. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1317-1321.	0.8	68
69	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.	0.8	3
70	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.	0.8	2
71	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.	2.6	12
72	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.	1.2	60

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73	Can heat therapy help patients with heart failure?. <i>Artificial Organs</i> , 2020, 44, 680-692.	1.0	7
74	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020, 110, 515-516.	0.7	0
75	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.	3.0	100
76	Post-Discharge Cardiac Care in the Era of Coronavirus 2019: How Should We Prepare?. <i>Canadian Journal of Cardiology</i> , 2020, 36, 956-960.	0.8	16
77	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.	1.3	26
78	Single Versus Multiple Arterial Revascularization in Patients With Reduced Renal Function. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, .	2.1	6
79	Minimally Invasive Coronary Artery Bypass Grafting. , 2020, , 167-173.		0
80	Editorial: Coronary artery surgery. <i>Current Opinion in Cardiology</i> , 2020, 35, 657.	0.8	0
81	Minimally Invasive Coronary Artery Bypass Grafting. , 2019, , 70-82.		0
82	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.	0.4	24
83	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.	1.6	45
84	Arterial Grafts for Coronary Bypass. <i>Circulation</i> , 2019, 140, 1273-1284.	1.6	56
85	Introduction to the 2019 Cardiovascular Surgeryâ€“Themed Issue. <i>Circulation</i> , 2019, 140, 1231-1232.	1.6	0
86	Antithrombotic treatment after coronary artery bypass graft surgery: systematic review and network meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 367, l5476.	2.4	66
87	Prevalence and Impact of Treatment Crossover in Cardiac Surgery Randomized Trials: A Metaâ€“Epidemiologic Study. <i>Journal of the American Heart Association</i> , 2019, 8, e013711.	1.6	8
88	Injectable human recombinant collagen matrices limit adverse remodeling and improve cardiac function after myocardial infarction. <i>Nature Communications</i> , 2019, 10, 4866.	5.8	103
89	Is Late Left Ventricle Remodeling After Repair of Degenerative Mitral Regurgitation Worse in Women?. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1189-1193.	0.7	8
90	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.	1.6	7

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91	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.	0.4	7
92	Aortic Stenosis and Small Aortic Annulus. <i>Circulation</i> , 2019, 139, 2685-2702.	1.6	67
93	Impact of preoperative fractional flow reserve on arterial bypass graft anastomotic function: the IMPAG trial. <i>European Heart Journal</i> , 2019, 40, 2421-2428.	1.0	70
94	Post-Operative Calcium-Channel Blocker Use After Radial Artery Grafting. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2307-2309.	1.2	2
95	Biomarkers in the Diagnosis, Management, and Prognostication of Perioperative Right Ventricular Failure in Cardiac Surgery—Are We There Yet?. <i>Journal of Clinical Medicine</i> , 2019, 8, 559.	1.0	14
96	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.	1.1	52
97	Minimally Invasive coronary surgery compared to STernotomy coronary artery bypass grafting: The MIST trial. <i>Contemporary Clinical Trials</i> , 2019, 78, 140-145.	0.8	39
98	Modality Selection for the Revascularization of Left Main Disease. <i>Canadian Journal of Cardiology</i> , 2019, 35, 983-992.	0.8	19
99	Electroconductive materials as biomimetic platforms for tissue regeneration. <i>Biotechnology Advances</i> , 2019, 37, 444-458.	6.0	32
100	Editorial. <i>Current Opinion in Cardiology</i> , 2019, 34, 627.	0.8	1
101	Multiarterial coronary artery bypass grafting. <i>Current Opinion in Cardiology</i> , 2019, 34, 628-636.	0.8	2
102	Renal insufficiency and severe coronary artery disease. <i>Current Opinion in Cardiology</i> , 2019, 34, 645-649.	0.8	3
103	Hypotension and Stroke in Cardiac Surgery: Reply. <i>Anesthesiology</i> , 2019, 131, 217-218.	1.3	0
104	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.	0.9	24
105	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.	0.6	50
106	Cardiac Surgery in HIV Patients: State of the Art. <i>Canadian Journal of Cardiology</i> , 2019, 35, 320-325.	0.8	8
107	Collagen biomaterial stimulates the production of extracellular vesicles containing microRNA-21 and enhances the proangiogenic function of CD34 ⁺ cells. <i>FASEB Journal</i> , 2019, 33, 4166-4177.	0.2	18
108	Ischemic and bleeding outcomes after coronary artery bypass grafting among patients initially treated with a P2Y ₁₂ 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.	0.4	15

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109	Therapeutic Use of Bioengineered Materials for Myocardial Infarction. , 2019, , 161-193.		5
110	Invited Commentary. Annals of Thoracic Surgery, 2018, 105, 777-778.	0.7	0
111	Minimally invasive cardiac surgery coronary artery bypass grafting (MICS CABG): a review of technique and literature. Indian Journal of Thoracic and Cardiovascular Surgery, 2018, 34, 86-93.	0.2	2
112	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. European Journal of Cardio-thoracic Surgery, 2018, 54, 809-816.	0.6	11
113	Invited Commentary. Annals of Thoracic Surgery, 2018, 106, 22-23.	0.7	0
114	Suboptimal Medical Therapy After Coronary Revascularization. Journal of the American College of Cardiology, 2018, 71, 603-605.	1.2	13
115	Genetics, coronary artery disease, and myocardial revascularization: will novel genetic risk scores bring new answers?. Indian Journal of Thoracic and Cardiovascular Surgery, 2018, 34, 213-221.	0.2	0
116	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. Current Opinion in Cardiology, 2018, 33, 245-248.	0.8	5
117	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). Contemporary Clinical Trials, 2018, 68, 45-51.	0.8	9
118	Eight-year follow-up of the Clopidogrel After Surgery for Coronary Artery Disease (CASCADE) trial. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 212-222.e2.	0.4	23
119	Introduction to the 2018 Cardiovascular Surgeryâ€“Themed Issue. Circulation, 2018, 138, 2075-2075.	1.6	0
120	New Strategies for Surgical Myocardial Revascularization. Circulation, 2018, 138, 2160-2168.	1.6	33
121	Genetics of coronary artery disease. Current Opinion in Cardiology, 2018, 33, 605-612.	0.8	1
122	Impact of Preexisting Left Bundle Branch Block in Transcatheter Aortic Valve Replacement Recipients. Circulation: Cardiovascular Interventions, 2018, 11, e006927.	1.4	26
123	Myocardial Revascularization Trials. Circulation, 2018, 138, 2943-2951.	1.6	46
124	An injectable CCN1-collagen matrix for cardiac cell support and treatment of myocardial infarction. Journal of Molecular and Cellular Cardiology, 2018, 124, 84-85.	0.9	0
125	Disabilityâ€“free survival after coronary artery bypass grafting in women and men with heart failure. Open Heart, 2018, 5, e000911.	0.9	25
126	Nanoengineered Electroconductive Collagen-Based Cardiac Patch for Infarcted Myocardium Repair. ACS Applied Materials & Interfaces, 2018, 10, 44668-44677.	4.0	77

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127	Off-pump Coronary Artery Bypass Grafting: 30 Years of Debate. <i>Journal of the American Heart Association</i> , 2018, 7, e009934.	1.6	67
128	Left ventricular function recovery after revascularization. <i>Current Opinion in Cardiology</i> , 2018, 33, 633-637.	0.8	12
129	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.	0.6	7
130	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.	1.1	82
131	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.	0.8	28
132	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, .	1.6	52
133	A novel echocardiographic hemodynamic index for predicting outcome of aortic stenosis patients following transcatheter aortic valve replacement. <i>PLoS ONE</i> , 2018, 13, e0195641.	1.1	6
134	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018, 106, 669.	0.7	0
135	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.	0.6	3
136	Defining an Intraoperative Hypotension Threshold in Association with Stroke in Cardiac Surgery. <i>Anesthesiology</i> , 2018, 129, 440-447.	1.3	124
137	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.	0.7	37
138	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2017, 103, 593-594.	0.7	0
139	Optimizing the host substrate environment for cardiac angiogenesis, arteriogenesis, and myogenesis. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 435-447.	1.4	4
140	Echocardiography-Guided Intramyocardial Injection Method in a Murine Model. <i>Methods in Molecular Biology</i> , 2017, 1553, 217-225.	0.4	7
141	Collagen-Based Photoactive Agent for Tissue Bonding. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9265-9270.	4.0	22
142	Why NOBLE and EXCEL Are Consistent With Each Other and With Previous Trials. <i>Circulation</i> , 2017, 135, 822-824.	1.6	18
143	Clinical outcomes after transcatheter aortic valve replacement in men and women in Ontario, Canada. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 486-494.	0.7	14
144	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.	0.4	0

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145	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.	0.8	11
146	Innovations in tricuspid valve intervention. <i>Current Opinion in Cardiology</i> , 2017, 32, 166-173.	0.8	9
147	How detrimental is reexploration for bleeding after cardiac surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 927-935.	0.4	53
148	Electroconductive nanoengineered biomimetic hybrid fibers for cardiac tissue engineering. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2402-2406.	2.9	34
149	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.	0.6	6
150	Mechanisms, Consequences, and Prevention of Coronary Graft Failure. <i>Circulation</i> , 2017, 136, 1749-1764.	1.6	211
151	Introduction to the 2017 Cardiovascular Surgery Themed Issue of <i>Circulation</i> . <i>Circulation</i> , 2017, 136, 1675-1675.	1.6	0
152	Reply. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1095.	0.7	0
153	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.	0.6	136
154	What Is the Optimal Revascularization Strategy for Left Main Coronary Stenosis?. <i>JAMA Cardiology</i> , 2017, 2, 1061.	3.0	7
155	Clinical Impact of Baseline Right Bundle Branch Block in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1564-1574.	1.1	87
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230	Perioperative Deaths After Mitral Valve Operations May Be Overestimated by Contemporary Risk Models. <i>Annals of Thoracic Surgery</i> , 2014, 98, 605-610.	0.7	18
231	Clinical Impact of Mild Acute Kidney Injury After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2014, 98, 815-822.	0.7	92
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273	Invited Commentary. Annals of Thoracic Surgery, 2012, 94, 776-777.	0.7	3
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291	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.	0.7	82
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297	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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