Tirone E David

List of Publications by Year
in descending order

331	22,714	5574	9861
papers	citations	82 h-index	141 g-index

342	342	342	8230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An aortic valve-sparing operation for patients with aortic incompetence and aneurysm of the ascending aorta. Journal of Thoracic and Cardiovascular Surgery, 1992, 103, 617-622.	0.8	1,081
2	Morbidity outcome in early versus conventional tracheal extubation after coronary artery bypass grafting: A prospective randomized controlled trial. Journal of Thoracic and Cardiovascular Surgery, 1996, 112, 755-764.	0.8	825
3	Clinical and Pathophysiological Implications of a Bicuspid Aortic Valve. Circulation, 2002, 106, 900-904.	1.6	705
4	Replacement of the Aortic Root in Patients with Marfan's Syndrome. New England Journal of Medicine, 1999, 340, 1307-1313.	27.0	599
5	Guidelines for reporting mortality and morbidity after cardiac valve interventions. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 732-738.	0.8	544
6	Guidelines for Reporting Mortality and Morbidity After Cardiac Valve Interventions. Annals of Thoracic Surgery, 2008, 85, 1490-1495.	1.3	406
7	Vascular matrix remodeling in patients with bicuspid aortic valve malformations: implications for aortic dilatation. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 797-805.	0.8	402
8	Deep Sternal Wound Infection: Risk Factors and Outcomes. Annals of Thoracic Surgery, 1998, 65, 1050-1056.	1.3	383
9	Histologic abnormalities of the ascending aorta and pulmonary trunk in patients with bicuspid aortic valve disease: Clinical relevance to the ross procedure. Journal of Thoracic and Cardiovascular Surgery, 1999, 118, 588-596.	0.8	347
10	A comparison of outcomes of mitral valve repair for degenerative disease with posterior, anterior, and bileaflet prolapse. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 1242-1249.	0.8	345
11	Should the ascending aorta be replaced more frequently in patients with bicuspid aortic valve disease?. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 677-683.	0.8	305
12	Dilation of the pulmonary autograft after the ross procedure. Journal of Thoracic and Cardiovascular Surgery, 2000, 119, 210-220.	0.8	298
13	Late Outcomes of Mitral Valve Repair for Mitral Regurgitation Due to Degenerative Disease. Circulation, 2013, 127, 1485-1492.	1.6	296
14	Long-term results of aortic valve-sparing operations for aortic root aneurysm. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 347-354.	0.8	276
15	Aortic root and valve relationships: Impact on surgical repair. Journal of Thoracic and Cardiovascular Surgery, 1994, 107, 162-170.	0.8	265
16	Predictors of low cardiac output syndrome after coronary artery bypass. Journal of Thoracic and Cardiovascular Surgery, 1996, 112, 38-51.	0.8	251
17	Tricuspid Valve Repair With an Annuloplasty Ring Results in Improved Long-Term Outcomes. Circulation, 2006, 114, I-577-I-581.	1.6	248
18	Repair of the aortic valve in patients with aortic insufficiency and aortic root aneurysm. Journal of Thoracic and Cardiovascular Surgery, 1995, 109, 345-352.	0.8	239

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19	Postinfarction ventricular septal rupture: Repair by endocardial patch with infarct exclusion. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1315-1322.	0.8	233
20	Surgical treatment of active infective endocarditis: A continued challenge. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 144-149.	0.8	233
21	Long-term results of mitral valve repair for myxomatous disease with and without chordal replacement with expanded polytetrafluoroethylene sutures. Journal of Thoracic and Cardiovascular Surgery, 1998, 115, 1279-1286.	0.8	226
22	Results of surgery for aortic root aneurysm in patients with Marfan syndrome. Journal of Thoracic and Cardiovascular Surgery, 2003, 125, 789-796.	0.8	221
23	Mitral valve replacement for mitral regurgitation with and without preservation of chordae tendineae. Journal of Thoracic and Cardiovascular Surgery, 1984, 88, 718-725.	0.8	212
24	Guidelines for reporting mortality and morbidity after cardiac valve interventionsâ˜†. European Journal of Cardio-thoracic Surgery, 2008, 33, 523-528.	1.4	208
25	Late results of mitral valve repair for mitral regurgitation due to degenerative disease. Annals of Thoracic Surgery, 1993, 56, 7-14.	1.3	205
26	Chronic Ischemic Mitral Regurgitation: Repair, Replace or Rethink?. Annals of Thoracic Surgery, 2006, 81, 1153-1161.	1.3	202
27	Mitral valve repair by replacement of chordae tendineae with polytetrafluoroethylene sutures. Journal of Thoracic and Cardiovascular Surgery, 1991, 101, 495-501.	0.8	201
28	Hancock II Bioprosthesis for Aortic Valve Replacement: The Gold Standard of Bioprosthetic Valves Durability?. Annals of Thoracic Surgery, 2010, 90, 775-781.	1.3	181
29	Aortic Valve and Ascending Aorta Guidelines for Management and Quality Measures. Annals of Thoracic Surgery, 2013, 95, S1-S66.	1.3	179
30	Surgery for acute type A aortic dissection. Annals of Thoracic Surgery, 1999, 67, 1999-2001.	1.3	172
31	A quarter of a century of experience with aortic valve-sparing operations. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 872-880.	0.8	171
32	Results of aortic valveâ€“sparing operations. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 39-46.	0.8	170
33	Redo Valvular Surgery in Elderly Patients. Annals of Thoracic Surgery, 2009, 87, 521-525.	1.3	170
34	Mitral valve surgery in patients with extensive calcification of the mitral annulus. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 777-781.	0.8	168
35	Coronary artery bypass grafting in patients with poor ventricular function. Journal of Thoracic and Cardiovascular Surgery, 1992, 103, 1083-1092.	0.8	167
36	Late results of heart valve replacement with the Hancock II bioprosthesis. Journal of Thoracic and Cardiovascular Surgery, 2001, 121, 268-278.	0.8	167

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37	Late outcomes of mitral valve repair for floppy valves: Implications for asymptomatic patients. Journal of Thoracic and Cardiovascular Surgery, 2003, 125, 1143-1152.	0.8	166
38	Initial results of the chordal-cutting operation for ischemic mitral regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 1483-1492.e1.	0.8	161
39	Midterm Outcomes of Tricuspid Valve Repair Versus Replacement for Organic Tricuspid Disease. Annals of Thoracic Surgery, 2006, 82, 1735-1741.	1.3	159
40	Chordal replacement with polytetrafluoroethylene sutures for mitral valve repair: A 25-year experience. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 1563-1569.	0.8	159
41	The Ross procedure: Outcomes at 20 years. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 85-94.	0.8	158
42	Fifteen-Year Trends in Risk Severity and Operative Mortality in Elderly Patients Undergoing Coronary Artery Bypass Graft Surgery. Circulation, 1998, 97, 673-680.	1.6	156
43	Aortic valve replacement with stentless porcine aortic bioprosthesis. Journal of Thoracic and Cardiovascular Surgery, 1990, 99, 113-118.	0.8	154
44	Mitral valve annuloplasty: The effect of the type on left ventricular function. Annals of Thoracic Surgery, 1989, 47, 524-528.	1.3	149
45	Aortic and mitral valve replacement with reconstruction of the intervalvular fibrous body. Journal of Thoracic and Cardiovascular Surgery, 1997, 114, 766-772.	0.8	148
46	Late hemodynamic and clinical outcomes of aortic valve replacement with the Carpentier-Edwards Perimount pericardial bioprosthesis. Journal of Thoracic and Cardiovascular Surgery, 2002, 124, 146-154.	0.8	146
47	Long-term results of operation for paravalvular abscess. Annals of Thoracic Surgery, 1996, 62, 48-53.	1.3	143
48	Replacement of Chordae Tendineae with Expanded Polytetrafluoroethylene Sutures. Journal of Cardiac Surgery, 1989, 4, 286-290.	0.7	140
49	Mitral valve repair and replacement for rheumatic disease. Journal of Thoracic and Cardiovascular Surgery, 2000, 119, 53-61.	0.8	140
50	Aortic Valve Replacement With Patch Enlargement of the Aortic Annulus. Annals of Thoracic Surgery, 1997, 63, 1608-1612.	1.3	139
51	Reimplantation of the aortic valve at 20Âyears. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 232-238.	0.8	139
52	Long-Term Results of Mitral Valve Repair for Regurgitation Due to Leaflet Prolapse. Journal of the American College of Cardiology, 2019, 74, 1044-1053.	2.8	137
53	Ross Procedure in Adults for Cardiologists and Cardiac Surgeons. Journal of the American College of Cardiology, 2018, 72, 2761-2777.	2.8	135
54	Aortic valve-sparing operations in patients with aneurysms of the aortic root or ascending aorta. Annals of Thoracic Surgery, 2002, 74, S1758-S1761.	1.3	133

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55	Long-Term Outcomes of the Ross Procedure Versus Mechanical Aortic Valve Replacement. Circulation, 2016, 134, 576-585.	1.6	127
56	Reconstruction of the mitral anulus. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1323-1332.	0.8	125
57	Aortic valve replacement with stentless and stented porcine valves: a case-match study. Journal of Thoracic and Cardiovascular Surgery, 1998, 116, 236-241.	0.8	124
58	Surgical treatment of paravalvular abscess: long-term results. European Journal of Cardio-thoracic Surgery, 2007, 31, 43-48.	1.4	123
59	Valve-Sparing Root Replacement Compared With Composite Valve Graft Procedures in Patients With Aortic Root Dilation. Journal of the American College of Cardiology, 2016, 68, 1838-1847.	2.8	121
60	Aortic root aneurysm: Principles of repair and long-term follow-up. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, S14-S19.	0.8	119
61	Is body size the cause for poor outcomes of coronary artery bypass operations in women?. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1344-1358.	0.8	117
62	Intraoperative transesophageal echocardiography accurately predicts mitral valve anatomy and suitability for repair. Journal of the American Society of Echocardiography, 2002, 15, 950-957.	2.8	112
63	Mitral Annular Disjunction in Advanced Myxomatous Mitral Valve Disease: Echocardiographic Detection and Surgical Correction. Journal of the American Society of Echocardiography, 2005, 18, 1014-1022.	2.8	112
64	Long-term results of aortic valveâ€“sparing operations in patients with Marfan syndrome. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 859-864.	0.8	109
65	Outcomes of Aortic Valve-Sparing Operations in Marfan Syndrome. Journal of the American College of Cardiology, 2015, 66, 1445-1453.	2.8	108
66	Hemodynamic benefits of the Toronto stentless valve. Journal of Thoracic and Cardiovascular Surgery, 1996, 112, 1431-1446.	0.8	107
67	The Risk and Outcomes of Reoperative Tricuspid Valve Surgery. Annals of Thoracic Surgery, 2013, 95, 119-124.	1.3	107
68	Aortic valve sparing operations: an update. Annals of Thoracic Surgery, 1999, 67, 1840-1842.	1.3	105
69	Long-term results of aortic root repair using the reimplantation technique. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, S22-S25.	0.8	105
70	Stentless Aortic Valves are Hemodynamically Superior to Stented Valves During Mid-Term Follow-Up: A Large Retrospective Study. Annals of Thoracic Surgery, 2005, 80, 2180-2185.	1.3	104
71	Mitral Repair Versus Replacement for Ischemic Mitral Regurgitation. Annals of Thoracic Surgery, 2005, 79, 1260-1267.	1.3	102
72	Aortic Valve and Ascending Aorta Guidelines for Management and Quality Measures: Executive Summary. Annals of Thoracic Surgery, 2013, 95, 1491-1505.	1.3	99

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73	Geometric mismatch of the aortic and pulmonary roots causes aortic insufficiency after the Ross procedure. Journal of Thoracic and Cardiovascular Surgery, 1996, 112, 1231-1239.	0.8	98
74	Predictors of Low Cardiac Output Syndrome After Isolated Aortic Valve Surgery. Circulation, 2005, 112, I448-52.	1.6	98
75	When is the Ross operation a good option to treat aortic valve disease?. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 68-75.	0.8	98
76	Clinical outcomes after separate and composite replacement of the aortic valve and ascending aorta. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 260-265.	0.8	96
77	Reoperation is not an independent predictor of mortality during aortic valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 329-335.e2.	0.8	94
78	Stentless Aortic Valve Reoperations: A Surgical Challenge. Annals of Thoracic Surgery, 2007, 84, 737-744.	1.3	93
79	Predictors of low cardiac output syndrome after isolated mitral valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 790-796.	0.8	92
80	Aortic and mitral valve replacement with reconstruction of the intervalvular fibrous body: An analysis of clinical outcomes. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 286-290.	0.8	91
81	Fifteen-year experience with the mitral Carpentier-Edwards PERIMOUNT pericardial bioprosthesis. Annals of Thoracic Surgery, 2001, 71, S236-S239.	1.3	90
82	Late results of the Ross procedure. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 201-208.	0.8	88
83	Surgical Repair of Postinfarction Ventricular Septal Defect by Infarct Exclusion. Seminars in Thoracic and Cardiovascular Surgery, 1998, 10, 105-110.	0.6	86
84	Aortic Valve Preservation in Patients With Aortic Root Aneurysm: Results of the Reimplantation Technique. Annals of Thoracic Surgery, 2007, 83, S732-S735.	1.3	83
85	Mitral Valve Replacement with Preservation of Chordae Tendinae: Rationale and Technical Considerations. Annals of Thoracic Surgery, 1986, 41, 680-682.	1.3	82
86	Aortic Root Aneurysms: Remodeling or Composite Replacement?. Annals of Thoracic Surgery, 1997, 64, 1564-1568.	1.3	79
87	Aortic valve replacement with Toronto SPV bioprosthesis: Optimal patient survival but suboptimal valve durability. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 19-24.	0.8	78
88	Operative risks and long-term results of operation for left ventricular aneurysm. Annals of Thoracic Surgery, 1992, 53, 22-29.	1.3	77
89	Quantification of Mitral Valve Anatomy by Three-Dimensional Transesophageal Echocardiography in Mitral Valve Prolapse Predicts Surgical Anatomy and the Complexity of Mitral Valve Repair. Journal of the American Society of Echocardiography, 2012, 25, 758-765.	2.8	77
90	Aortic Valve Replacement with Stentless Porcine Bioprostheses. Journal of Cardiac Surgery, 1988, 3, 501-505.	0.7	72

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91	Artificial chordae. Seminars in Thoracic and Cardiovascular Surgery, 2004, 16, 161-168.	0.6	72
92	Twenty-year durability of the aortic Hancock II bioprosthesis in young patients: is it durable enough?â€. European Journal of Cardio-thoracic Surgery, 2014, 46, 825-830.	1.4	72
93	Twenty-year results of the Hancock II bioprosthesis. Journal of Heart Valve Disease, 2006, 15, 49-55; discussion 55-6.	0.5	72
94	Aortic Annular Enlargement During Aortic Valve Replacement: Improving Results With Time. Annals of Thoracic Surgery, 2007, 83, 2044-2049.	1.3	70
95	Aortic valve replacement with a stentless porcine aortic valve. Journal of Thoracic and Cardiovascular Surgery, 1994, 108, 1030-1036.	0.8	69
96	Toward a Better Understanding of the Etiology of Left Ventricular Dysfunction after Mitral Valve Replacement: An Experimental Study with Possible Clinical Implications. Annals of Thoracic Surgery, 1986, 41, 363-371.	1.3	68
97	Mitral stenosis after mitral valve repair for non-rheumatic mitral regurgitation. Annals of Thoracic Surgery, 2002, 73, 34-36.	1.3	68
98	Aortic Valve Sparing in Different AorticÂValve and Aortic Root Conditions. Journal of the American College of Cardiology, 2016, 68, 654-664.	2.8	67
99	Structural valve deterioration in mitral replacement surgery: Comparison of carpentier-edwards supra-annular porcine and perimount pericardial bioprostheses. Journal of Thoracic and Cardiovascular Surgery, 1999, 118, 297-305.	0.8	66
100	Redo aortic root replacement: experience with 31 patients. Annals of Thoracic Surgery, 2001, 71, 1460-1463.	1.3	65
101	A progress report on reimplantation of the aortic valve. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 890-899.e1.	0.8	64
102	Surgical Enlargement of the Aortic Root Does Not Increase the Operative Risk of Aortic Valve Replacement. Circulation, 2018, 137, 1585-1594.	1.6	63
103	Sex-Specific Long-Term Outcomes After Combined Valve and Coronary Artery Surgery. Annals of Thoracic Surgery, 2006, 81, 1632-1636.	1.3	62
104	Replacement of the ascending aorta with reduction of the diameter of the sinotubular junction to treat aortic insufficiency in patients with ascending aortic aneurysm. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 414-418.	0.8	61
105	Techniques and Results of Mitral Valve Repair for Ischemic Mitral Regurgitation. Journal of Cardiac Surgery, 1994, 9, 274-277.	0.7	60
106	Bicuspid aortic valve disease: recent insights in pathophysiology and treatment. Expert Review of Cardiovascular Therapy, 2005, 3, 295-308.	1.5	60
107	Myocardial infarction determined by technetium-99m pyrophosphate single-photon tomography complicating elective coronary artery bypass grafting for angina pectoris. American Journal of Cardiology, 1989, 63, 1429-1434.	1.6	59
108	Clinical and hemodynamic assesment of the Hancock II bioprosthesis. Annals of Thoracic Surgery, 1992, 54, 661-668.	1.3	59

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109	Stentless Aortic Bioprostheses: Compelling Data From the Second International Symposium. Annals of Thoracic Surgery, 1998, 65, 235-240.	1.3	59
110	Remodeling the Aortic Root and Preservation of the Native Aortic Valve. Operative Techniques in Cardiac and Thoracic Surgery, 1996, 1, 44-56.	0.5	58
111	Surgery of the aortic valve. Current Problems in Surgery, 1999, 36, 421-501.	1.1	57
112	Reconstruction of the left ventricle with autologous pericardium. Journal of Thoracic and Cardiovascular Surgery, 1987, 94, 710-714.	0.8	56
113	Aortic Valve Replacement with Stentless Porcine Bioprostheses. Journal of Cardiac Surgery, 1998, 13, 344-351.	0.7	54
114	Panel Discussion: Session Iâ€"Ascending Aorta. Annals of Thoracic Surgery, 2007, 83, S785-S790.	1.3	54
115	The Ross procedure is the best operation to treat aortic stenosis in young and middle-aged adults. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 778-782.	0.8	54
116	St Jude Medical Epic porcine bioprosthesis: Results of the regulatory evaluation. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 1449-1454.e2.	0.8	53
117	Frequency of coronary ostial aneurysms after aortic root surgery in patients with the Marfan syndrome. American Journal of Cardiology, 2002, 89, 1135-1138.	1.6	52
118	Systematic review and meta-analysis of surgical outcomes in Marfan patients undergoing aortic root surgery by composite-valve graft or valve sparing root replacement. Annals of Cardiothoracic Surgery, 2017, 6, 570-581.	1.7	52
119	Risk factors for late pulmonary homograft stenosis after the Ross procedure. Annals of Thoracic Surgery, 2000, 70, 1953-1957.	1.3	51
120	Management of the Valve and Ascending Aorta in Adults with Bicuspid Aortic Valve Disease. Seminars in Thoracic and Cardiovascular Surgery, 2005, 17, 143-147.	0.6	51
121	Reoperative mitral valve replacement: importance of preservation of the subvalvular apparatus. Annals of Thoracic Surgery, 2002, 74, 1482-1487.	1.3	50
122	Long-term outcomes of chordal replacement with expanded polytetrafluoroethylene sutures to repair mitral leaflet prolapse. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 385-394.e1.	0.8	50
123	Mitral valve replacement with preservation of the subvalvular apparatus. Current Opinion in Cardiology, 1999, 14, 104.	1.8	50
124	Aortic valve sparing operations. Annals of Thoracic Surgery, 2002, 73, 1029-1030.	1.3	49
125	Outcomes of Mitral Valve Repair for Mitral Regurgitation Due to Degenerative Disease. Seminars in Thoracic and Cardiovascular Surgery, 2007, 19, 116-120.	0.6	49
126	Progressive Aortic Dilation Is Regulated byÂmiR-17â€"Associated miRNAs. Journal of the American College of Cardiology, 2016, 67, 2965-2977.	2.8	49

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127	Valve-sparing root replacement in patients with bicuspid versus tricuspid aortic valves. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1-9.	0.8	48
128	Ruptured synthetic expanded polytetrafluoroethylene chordae tendinae. Cardiovascular Pathology, 2004, 13, 182-184.	1.6	47
129	Outcomes of double valve surgery for active infective endocarditis. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 69-75.	0.8	47
130	The Hancock II bioprosthesis at 12 years. Annals of Thoracic Surgery, 1998, 66, S95-S98.	1.3	46
131	Inflammation and infection in nine surgically explanted Medtronic FreestyleÂ® stentless aortic valves. Cardiovascular Pathology, 2007, 16, 258-267.	1.6	45
132	Results of valve preservation and repair for bicuspid aortic valve insufficiency. Journal of Heart Valve Disease, 2005, 14, 752-8; discussion 758-9.	0.5	45
133	Short- and Long-Term Results of Triple Valve Surgery in the Modern Era. Annals of Thoracic Surgery, 2006, 81, 2172-2178.	1.3	44
134	Tricuspid regurgitation is uncommon after mitral valve repair for degenerative diseases. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 110-122.e1.	0.8	44
135	The impact of age, coronary artery disease, and cardiac comorbidity on late survival after bioprosthetic aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 1999, 117, 273-284.	0.8	43
136	Surgical Treatment of Ascending Aorta and Aortic Root Aneurysms. Progress in Cardiovascular Diseases, 2010, 52, 438-444.	3.1	43
137	Dilation of the sinotubular junction causes aortic insufficiency after aortic valve replacement with the Toronto SPV bioprosthesis. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 929-934.	0.8	41
138	Tranexamic acid and early saphenous vein graft patency in conventional coronary artery bypass graft surgery: A prospective randomized controlled clinical trial. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 309-314.	0.8	41
139	Aortic valve replacement: a safe and durable option in patients with impaired left ventricular systolic function. European Journal of Cardio-thoracic Surgery, 2006, 29, 133-138.	1.4	41
140	Mitral valve repair for advanced myxomatous degeneration with posterior displacement of the mitral annulus. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 1503-1509.	0.8	41
141	Ross Procedure at the Crossroads. Circulation, 2009, 119, 207-209.	1.6	40
142	Tricuspid annulus diameter does not predict the development of tricuspid regurgitation after mitral valve repair for mitral regurgitation due to degenerative diseases. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2429-2436.	0.8	40
143	Aortic valve sparing operations: outcomes at 20 years. Annals of Cardiothoracic Surgery, 2013, 2, 24-9.	1.7	39
144	Aortic cusp repair with Gore-Tex sutures during aortic valveâ€“sparing operations. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1340-1342.	0.8	38

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145	Circulatory arrest under moderate systemic hypothermia and cold retrograde cerebral perfusion. Annals of Thoracic Surgery, 1998, 66, 1179-1183.	1.3	37
146	Aortic valve replacement with the Toronto SPV: long-term clinical and hemodynamic results. European Journal of Cardio-thoracic Surgery, 2002, 21, 698-702.	1.4	37
147	The aortic valveâ€“sparing operation. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 613-615.	0.8	37
148	Characterizing the inflammatory reaction in explanted Medtronic Freestyle stentless porcine aortic bioprosthesis over a 6-year period. Cardiovascular Pathology, 2012, 21, 158-168.	1.6	37
149	Surgical treatment of aortic valve disease. Nature Reviews Cardiology, 2013, 10, 375-386.	13.7	37
150	Discussion: Session 1â€”Ascending Aorta. Annals of Thoracic Surgery, 2002, 74, S1792-S1799.	1.3	35
151	Complications of Bioglue postsurgery for aortic dissections and aortic valve replacement. Journal of Clinical Pathology, 2012, 65, 1008-1012.	2.0	35
152	Aortic Valve Replacement in Adult Patients with Small Aortic Annuli. Annals of Thoracic Surgery, 1983, 36, 577-583.	1.3	34
153	The Hancock II bioprosthesis at ten years. Annals of Thoracic Surgery, 1995, 60, S229-S234.	1.3	34
154	Should the pericardium be closed routinely after heart operations?. Annals of Thoracic Surgery, 1999, 67, 484-488.	1.3	34
155	Morphological findings in explanted Toronto stentless porcine valves. Cardiovascular Pathology, 2006, 15, 41-48.	1.6	34
156	Is degenerative calcification of the native aortic valve similar to calcification of bioprosthetic heart valves?. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 939-941.	0.8	33
157	Papillary Muscle-Annular Continuity: Is It Important?. Journal of Cardiac Surgery, 1994, 9, 252-254.	0.7	32
158	Hemodynamics and left ventricular mass regression following implantation of the Toronto SPV stentless porcine valve. American Journal of Cardiology, 1998, 82, 1214-1219.	1.6	32
159	Aortic valve sparing operations: basic concepts. International Journal of Cardiology, 2004, 97, 61-66.	1.7	32
160	Aortic valve repair versus replacement in bicuspid aortic valve disease. Journal of Heart Valve Disease, 2003, 12, 679-86; discussion 686.	0.5	32
161	Valve surgery in octogenarians: a safe option with good medium-term results. Journal of Heart Valve Disease, 2006, 15, 191-6; discussion 196.	0.5	32
162	Detection of entrapped intracardiac air with intraoperative echocardiography. American Journal of Cardiology, 1980, 46, 255-260.	1.6	31

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163	Aortic dissection complicating pregnancy following prophylactic aortic root replacement in a woman with Marfan syndrome. International Journal of Cardiology, 2007, 120, 427-430.	1.7	31
164	Surgery for acute type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 279-283.	0.8	31
165	Aortic Root Replacement in Patients with Previous Heart Surgery. Journal of Cardiac Surgery, 2004, 19, 325-328.	0.7	30
166	Clinical outcomes of aortic root replacement after previous aortic root replacement. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 611-615.	0.8	30
167	InÂvivo functional assessment of a novel degradable metal and elastomeric scaffold-based tissue engineered heart valve. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1809-1816.	0.8	30
168	Assessment of Mitral Valve Prolapse by 3D TEE. JACC: Cardiovascular Imaging, 2011, 4, 94-97.	5.3	29
169	Quantitative Modeling of the Mitral Valve byÂThree-Dimensional Transesophageal Echocardiography in Patients Undergoing Mitral ValveÂRepair: Correlation with Intraoperative SurgicalÂTechnique. Journal of the American Society of Echocardiography, 2015, 28, 1083-1092.	2.8	29
170	Prosthesis-Patient Mismatch Affects Survival After Aortic Valve Replacement. Circulation, 2000, 102, .	1.6	29
171	The Toronto Risk Score for adverse events following cardiac surgery. Canadian Journal of Cardiology, 2006, 22, 221-227.	1.7	28
172	Custom-tailored valved conduit for complex aortic root disease. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 3-7.	0.8	28
173	St. Jude Medical Toronto biologic aortic root prosthesis: Early FDA phase II IDE study results. Annals of Thoracic Surgery, 2004, 78, 786-793.	1.3	27
174	Is Prosthesisâ€“Patient Mismatch a Clinically Relevant Entity?. Circulation, 2005, 111, 3186-3187.	1.6	27
175	Outcomes of surgical intervention for isolated active mitral valve endocarditis. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 110-116.	0.8	27
176	The Influence of Operative Techniques on the Outcomes of Bicuspid Aortic Valve Disease and Aortic Dilatation. Annals of Thoracic Surgery, 2010, 89, 1918-1924.	1.3	27
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