

# Tomaso Bottio

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185  
papers

2,053  
citations

24  
h-index

37  
g-index

224  
ext. papers

2,423  
ext. citations

2.6  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
185	Heart transplant in a dissected patient: could be a potential contraindication?. <i>Journal of Cardiovascular Medicine</i> , <b>2021</b> , 22, 225-227	1.9	
184	Oversampling and replacement strategies in propensity score matching: a critical review focused on small sample size in clinical settings. <i>BMC Medical Research Methodology</i> , <b>2021</b> , 21, 256	4.7	2
183	Sutureless and rapid deployment bioprosthetic valves: New perspectives. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 2187-2188	1.3	
182	Antiphospholipid antibody syndrome and LVAD: What are the chances? A case report and literature review. <i>International Journal of Artificial Organs</i> , <b>2021</b> , 391398821996726	1.9	
181	Frozen Elephant Trunk to Exclude the Kommerell Diverticulum Associated with Double Aortic Arch in Adult Redo Patient. <i>Annals of Vascular Surgery</i> , <b>2021</b> , 73, 529-531	1.7	
180	Unilateral versus bilateral cerebral perfusion during aortic surgery for acute type A aortic dissection: a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> ,	3	2
179	COVID-19 in Heart Transplant Recipients: A Multicenter Analysis of the Northern Italian Outbreak. <i>JACC: Heart Failure</i> , <b>2021</b> , 9, 52-61	7.9	36
178	Structural valve deterioration and mode of failure of stentless bioprosthetic valves. <i>Cardiovascular Pathology</i> , <b>2021</b> , 51, 107301	3.8	1
177	Recurrent autoimmune myocarditis in a young woman during the coronavirus disease 2019 pandemic. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 756-760	3.7	6
176	Biventricular assistance with 2 hm3 in a small chest patient: extra-pericardial implant. <i>Journal of Artificial Organs</i> , <b>2021</b> , 24, 261-264	1.8	1
175	From bench to bedside: Impact of left ventricular assist device outflow conduit anastomosis position on outcome. <i>Artificial Organs</i> , <b>2021</b> , 45, 236-243	2.6	0
174	Can Patients Be Transplanted or Undergo Ventricular Assist Device Placement During the COVID-19 Pandemic? Padova Perspective. <i>ASAIO Journal</i> , <b>2021</b> , 67, 395-396	3.6	2
173	Extracorporeal Membrane Oxygenation for COVID-19 Respiratory Distress Syndrome: An Italian Society for Cardiac Surgery Report. <i>ASAIO Journal</i> , <b>2021</b> , 67, 385-391	3.6	8
172	Atrial fibrillation after orthotopic heart transplantation: Pathophysiology and clinical impact. <i>IJC Heart and Vasculature</i> , <b>2021</b> , 32, 100710	2.4	2
171	A Changing Paradigm in Heart Transplantation: An Integrative Approach for Invasive and Non-Invasive Allograft Rejection Monitoring. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	4
170	Innominate artery dissection during cerebral perfusion: The exception that proves the rule. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 1581	1.3	
169	Marginal donors and organ shortness: concomitant surgical procedures during heart transplantation: a literature review. <i>Journal of Cardiovascular Medicine</i> , <b>2021</b> ,	1.9	3

168	Heart transplantation in the new era of extended donor criteria. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 4828-4829	1.3	1
167	Fulminant myocarditis parvovirus B19 related in a young woman. <i>Journal of Artificial Organs</i> , <b>2021</b> , 24, 498-502	1.8	1
166	Subcutaneous implantable cardioverter-defibrillator and left ventricular assist devices for refractory heart failure: attention to possible interference. <i>Journal of Cardiovascular Medicine</i> , <b>2021</b> , 22, 795-796	1.9	1
165	Aortic dissection during heart transplant: when a nightmare comes true. <i>Journal of Cardiovascular Medicine</i> , <b>2020</b> , 21, 915-916	1.9	
164	Rescue Aortic Root Replacement for Endocarditis After Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 1948-1949	2.7	2
163	Reply to Vendramin I. et al. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 3676	1.3	
162	How to evaluate the outflow tract of LVAD after minimally invasive implantation by 3D CT-scan. <i>Artificial Organs</i> , <b>2020</b> , 44, 1306-1309	2.6	1
161	Circulating extracellular vesicles as non-invasive biomarker of rejection in heart transplant. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 1136-1148	5.8	26
160	The importance of myocardial biopsy in the diagnosis of infectious myocarditis: it still plays a role. <i>European Heart Journal</i> , <b>2020</b> , 41, 3280	9.5	3
159	Is heart transplantation a real option in patients with Duchenne syndrome? Inferences from a case report. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 3198-3202	3.7	3
158	Use of rapid-deployment aortic valve prosthesis and patch reconstruction in complex endocarditis. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 2056-2058	1.3	5
157	Coronavirus disease 2019 (COVID-19) in the heart transplant population: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 58, 899-906	3	12
156	Left ventricle reconstruction and heartmate3 implantation. The "double patch technique". <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 3116-3119	1.3	0
155	COVID-19 infection in left ventricular assist device patients. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 3231-3234		6
154	A Step-by-Step Problem-Solving Strategy in a Patient With Heart Failure and Cerebral Aneurysm. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, e285-e287	2.7	
153	Rapid-deployment aortic valve replacement in high-risk patients with severe endocarditis. <i>Journal of Cardiovascular Surgery</i> , <b>2020</b> , 61, 769-775	0.7	0
152	Generation of cattle knockout for galactose- $\beta$ 1,3-galactose and N-glycolylneuraminic acid antigens. <i>Xenotransplantation</i> , <b>2019</b> , 26, e12524	2.8	17
151	How to implant the Jarvik 2000 post-auricular driveline: evolution to a novel technique. <i>Journal of Artificial Organs</i> , <b>2019</b> , 22, 188-193	1.8	4

150	Multicenter experience with the Evolution RL mechanical sheath for lead extraction using a stepwise approach: Safety, effectiveness, and outcome. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2019</b> , 42, 989-997	1.6	11
149	Cardiac arrest due to acute massive aortic root thrombosis after pericardial bioprosthetic aortic valve replacement. <i>Cardiovascular Pathology</i> , <b>2019</b> , 41, 8-10	3.8	2
148	Minimally Invasive Implantation of Continuous Flow Left Ventricular Assist Devices: The Evolution of Surgical Techniques in a Single-Center Experience. <i>Artificial Organs</i> , <b>2019</b> , 43, E41-E52	2.6	25
147	A comparison of quality of life and psychological distress in heart transplantation patients at adult and pediatric ages. <i>Clinical Transplantation</i> , <b>2019</b> , 33, e13335	3.8	1
146	Outcomes of patients with continuous flow left ventricular assist device undergoing emergency endovascular treatment for atraumatic bleeding. <i>CVIR Endovascular</i> , <b>2019</b> , 2, 40	1.5	
145	Diagnostic 'nightmares' in an HIV patient with a cardiac mass and a previous history of tuberculosis. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 841-843	1.9	
144	Mitral Valve Repair and Anomalous Origin of Circumflex Artery: To Ring or Not to Ring. <i>JACC: Case Reports</i> , <b>2019</b> , 1, 503-507	1.2	
143	Bilateral mini-thoracotomy approach for minimally invasive implantation of HeartMate 3. <i>Artificial Organs</i> , <b>2019</b> , 43, 593-595	2.6	16
142	Presentation Mode of Glycans Affect Recognition of Human Serum anti-Neu5Gc IgG Antibodies. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 161-168	6.3	15
141	Transfemoral aortic valve replacement as a solution in aortic valve stenosis and coronary artery fistulas. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> ,	1.5	1
140	Irreversible cardiac failure with intraventricular thrombosis: A novel technique of paracorporeal biventricular assist device implantation with ventricles excision. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 1632-1634	1.5	4
139	Left ventricle assist devices and driveline's infection incidence: a single-centre experience. <i>Journal of Artificial Organs</i> , <b>2018</b> , 21, 52-60	1.8	17
138	Treatment of aortic dissection involving the right coronary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 2084-2086	1.5	0
137	Hybrid minimally invasive technique with the bidirectional rotational Evolution mechanical sheath for transvenous lead extraction: A collaboration between electrophysiologists and cardiac surgeons. <i>Journal of Arrhythmia</i> , <b>2018</b> , 34, 329-332	1.5	6
136	Results of new-generation intrapericardial continuous flow left ventricular assist devices as a bridge-to-transplant. <i>Journal of Cardiovascular Medicine</i> , <b>2018</b> , 19, 739-747	1.9	6
135	Comprehensive effects of left ventricular assist device speed changes on alveolar gas exchange, sleep ventilatory pattern, and exercise performance. <i>Journal of Heart and Lung Transplantation</i> , <b>2018</b> , 37, 1361-1371	5.8	23
134	Lvad pump speed increase is associated with increased peak exercise cardiac output and vo, postponed anaerobic threshold and improved ventilatory efficiency. <i>International Journal of Cardiology</i> , <b>2017</b> , 230, 28-32	3.2	32
133	A pilot study on the efficacy and safety of a minimally invasive surgical and anesthetic approach for ventricular assist device implantation. <i>International Journal of Artificial Organs</i> , <b>2017</b> , 0	1.9	6

132	Interventricular conduction disorders after orthotopic heart transplantation: risk factors and clinical relevance. <i>Annals of Noninvasive Electrocardiology</i> , <b>2017</b> , 22,	1.5	10
131	The Vietnamese pig as a translational animal model to evaluate tissue engineered heart valves: promising early experience. <i>International Journal of Artificial Organs</i> , <b>2017</b> , 40, 142-149	1.9	9
130	Minimal Invasive: Padua Approach and Technique <b>2017</b> , 253-264		
129	Patient- and Device-Tailored Antithrombotic Treatment <b>2017</b> , 427-431		
128	Bilateral mini-thoracotomy off-pump Jarvik 2000 implantation in regional asymmetric paravertebral analgesia. <i>Journal of Cardiovascular Medicine</i> , <b>2016</b> , 17, 160-4	1.9	13
127	How to remove the retroauricular driveline in the Jarvik 2000 after heart transplantation. <i>International Journal of Artificial Organs</i> , <b>2016</b> , 39, 45-7	1.9	2
126	Carotid Artery Stenting in a Patient With a Continuous-Flow Left Ventricular Assist Device. <i>Journal of Endovascular Therapy</i> , <b>2016</b> , 23, 657-60	2.5	
125	Subcutaneous Implantable Cardioverter-Defibrillator and Left Ventricular Assist Device: A Safe and Effective Approach for Refractory Heart Failure. <i>JACC: Clinical Electrophysiology</i> , <b>2016</b> , 2, 246-247	4.6	7
124	Successful heart transplant after 1374 days living with a total artificial heart. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, e88-9	3	5
123	From bench to bedside: Can the improvements in left ventricular assist device design mitigate adverse events and increase survival?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 213-7	1.5	9
122	Cardiopulmonary exercise testing responses to different external portable drivers in a patient with a CardioWest Total Artificial Heart. <i>Journal of Artificial Organs</i> , <b>2016</b> , 19, 188-91	1.8	4
121	Use of Freedom SOLO bioprosthesis in aortic valve endocarditis involving the annulus. <i>Journal of Cardiovascular Medicine</i> , <b>2016</b> , 17, 165	1.9	
120	Coronary Artery Bypass Grafting in Elderly Patients: Insights from a Comparative Analysis of Total Arterial and Conventional Revascularization. <i>Journal of Cardiovascular Translational Research</i> , <b>2016</b> , 9, 223-229	3.3	4
119	Prosthetic valve thrombosis: When prevention is better than treatment. <i>American Heart Journal</i> , <b>2016</b> , 174, e1-2	4.9	2
118	Decellularized aortic conduits: could their cryopreservation affect post-implantation outcomes? A morpho-functional study on porcine homografts. <i>Heart and Vessels</i> , <b>2016</b> , 31, 1862-1873	2.1	21
117	Use of the Jarvik 2000 to facilitate left ventricular assist device placement in challenging apex anatomy. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 1049-51	5.8	5
116	Extracorporeal life support in cardiogenic shock: Impact of acute versus chronic etiology on outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 333-40	1.5	48
115	Nitinol flexigrip sternal closure system and standard sternal steel wiring: insight from a matched comparative analysis. <i>Journal of Cardiovascular Medicine</i> , <b>2015</b> , 16, 134-8	1.9	7

114	The danger of using a sledgehammer to crack a nut: ROTEM-guided administration of recombinant activated factor VII in a patient with refractory bleeding post-ventricular assist device implantation. <i>Artificial Organs</i> , <b>2015</b> , 39, 248-53	2.6	3
113	A 61-year-old man with hyperpigmentation. Ochronosis. <i>Heart</i> , <b>2015</b> , 101, 1412, 1421	5.1	1
112	Submuscular Approach for Subcutaneous Implantable Cardioverter Defibrillator: A Potential Alternative Technique. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2015</b> , 26, 905	2.7	7
111	Left Ventricular Assist Device End-to-End Connection to the Left Subclavian Artery: An Alternative Technique. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, e93-5	2.7	7
110	Acute Increase of Cardiac Output Reduces Central Sleep Apneas in Heart Failure Patients. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2571-2	15.1	10
109	Comparison of Efficacy and Cost of Iodine Impregnated Drape vs. Standard Drape in Cardiac Surgery: Study in 5100 Patients. <i>Journal of Cardiovascular Translational Research</i> , <b>2015</b> , 8, 431-7	3.3	22
108	Minimally invasive surgical Jarvik 2000 off-pump implantation. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , <b>2015</b> , 2015,	0.2	6
107	Orthotopic heart transplantation: the bicaval technique. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , <b>2015</b> , 2015,	0.2	5
106	Pulmonary embolism and LVAD: is there compatibility?. <i>International Journal of Artificial Organs</i> , <b>2015</b> , 38, 468-70	1.9	1
105	A practical review for cardiac rehabilitation professionals of continuous-flow left ventricular assist devices: historical and current perspectives. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2015</b> , 35, 301-11	3.6	13
104	Single vs double antiplatelet therapy in acute coronary syndrome: Predictors of bleeding after coronary artery bypass grafting. <i>World Journal of Cardiology</i> , <b>2015</b> , 7, 571-8	2.1	4
103	Abnormal heart rate variability and atrial fibrillation after aortic surgery. <i>Brazilian Journal of Cardiovascular Surgery</i> , <b>2015</b> , 30, 55-62	1.1	1
102	Evaluation of prosthetic valve thrombosis by 64-row multi-detector computed tomography.. <i>Journal of Heart Valve Disease</i> , <b>2015</b> , 24, 210-3		3
101	Less-invasive off-pump ventricular assist device implantation in regional paravertebral analgesia. <i>Journal of Artificial Organs</i> , <b>2014</b> , 17, 275-7	1.8	11
100	Cardiac rehabilitation after transcatheter versus surgical prosthetic valve implantation for aortic stenosis in the elderly. <i>European Journal of Preventive Cardiology</i> , <b>2014</b> , 21, 1341-8	3.9	44
99	Less invasive implantation of HeartWare left ventricular assist device. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , <b>2014</b> , 2014,	0.2	12
98	HeartWare LVAD implantation in a patient with a rare ARVD: Carvajal syndrome. <i>International Journal of Artificial Organs</i> , <b>2014</b> , 37, 563-6	1.9	2
97	HeartWare ventricular assist device as bridge to transplant in children and adolescents. <i>Artificial Organs</i> , <b>2014</b> , 38, 418-22	2.6	39

96	Thoracic fit of the CardioWest artificial heart: a new technical solution. <i>Artificial Organs</i> , <b>2014</b> , 38, 520-1	2.6	1
95	Impact of vacuum-assisted closure therapy on outcomes of sternal wound dehiscence. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2014</b> , 19, 70-5	1.8	24
94	The Jarvik-2000 ventricular assist device implantation: how we do it. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 525-31	4.7	9
93	Implantation of the HeartWare HVAD: from full sternotomy to less invasive techniques. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 535-7	4.7	13
92	Cellular, molecular, genomic changes occurring in the heart under mechanical circulatory support. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 496-504	4.7	5
91	Jarvik 2000: evolution of surgical implantation from conventional to minimally invasive technique. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 621-3	4.7	4
90	Surgical implantation of the CardioWest Total Artificial Heart. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 624-5	4.7	5
89	Hemorrhage and thrombosis with different LVAD technologies: a matter of flow?. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 582-4	4.7	21
88	Clinical psychological and neuropsychological issues with left ventricular assist devices (LVADs). <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 480-9	4.7	15
87	First quantification of alpha-Gal epitope in current glutaraldehyde-fixed heart valve bioprostheses. <i>Xenotransplantation</i> , <b>2013</b> , 20, 252-61	2.8	84
86	Less invasive surgical and perfusion technique for implantation of the Jarvik 2000 left ventricular assist device. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 712-4	2.7	20
85	Tissue-engineered heart valves: intra-operative protocol. <i>Journal of Cardiovascular Translational Research</i> , <b>2013</b> , 6, 660-1	3.3	7
84	Cardiac autonomic dysfunction in the early phase after left ventricular assist device implant: Implications for surgery and follow-up. <i>International Journal of Artificial Organs</i> , <b>2013</b> , 36, 410-8	1.9	5
83	Other Benign Cardiac Tumors <b>2013</b> , 45-58		
82	Ultrasound phonocardiography for detecting thrombotic formations on bileaflet mechanical heart valves. <i>Journal of Heart Valve Disease</i> , <b>2013</b> , 22, 828-36		4
81	In vitro comparison of different mechanical prostheses suitable for replacement of the systemic atrioventricular valve in children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 558-68	1.5	4
80	Occult gastrointestinal bleeding in patients with a left ventricular assist device axial flow pump: diagnostic tools and therapeutic algorithm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, e28-31	1.5	9
79	Nitinol flexigrip sternal closure system and chest wound infections: insight from a comparative analysis of complications and costs. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 94, 1848-53	2.7	18



78	Development of artificial neural network-based algorithms for the classification of bileaflet mechanical heart valve sounds. <i>International Journal of Artificial Organs</i> , <b>2012</b> , 35, 279-87	1.9	1
77	Aortic valve hydrodynamics: considerations on the absence of sinuses of Valsalva. <i>Journal of Heart Valve Disease</i> , <b>2012</b> , 21, 718-23		7
76	The hazard of comparing apples and oranges: the proper indication for the use of recombinant activated clotting factor VII in cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 142, 1588-9; author reply 1589	1.5	3
75	Freedom solo stentless aortic valve: quantitative and qualitative assessment of thrombocytopenia. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 1935	2.7	10
74	Thrombectomy for massive bioprosthetic valve thrombosis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 1540	3	2
73	In-vitro detection of thrombotic formation on bileaflet mechanical heart valves. <i>Journal of Heart Valve Disease</i> , <b>2011</b> , 20, 378-86		6
72	Valve surgery in octogenarians: does it prolong life?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 37, 1047-55	3	9
71	The fate of Hancock II porcine valve recipients 25 years after implant. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 38, 141-6	3	45
70	The changing hydrodynamic performance of the decellularized intact porcine aortic root: considerations on in-vitro testing. <i>Journal of Heart Valve Disease</i> , <b>2010</b> , 19, 485-91		10
69	Total arterial revascularization, conventional coronary artery bypass surgery, and age cut-off for the loss of benefit from bilateral internal thoracic artery grafting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2009</b> , 35, 191	3	3
68	Bileaflet mechanical heart valve closing sounds: in vitro classification by phonocardiographic analysis. <i>Journal of Artificial Organs</i> , <b>2009</b> , 12, 172-81	1.8	8
67	Is the analysis over the time domain or over the frequency domain significant for the detection of bileaflet mechanical heart valve dysfunction?. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 87, 986-7; author reply 987-8	2.7	3
66	The present and the future in aortic stenosis management: are there factors that might preclude surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2008</b> , 136, 538-9	1.5	
65	A word of caution for patients undergoing lung transplantation with associated mitral regurgitation. <i>Journal of Heart and Lung Transplantation</i> , <b>2008</b> , 27, 935-6	5.8	4
64	Valve prostheses evaluation: it is a complex scenario and not only a matter of gradient. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 86, 691; author reply 691-2	2.7	1
63	Arterial switch operation, aortic root dilation, and long-term aortic valve competence. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 86, 2025-6	2.7	6
62	Aortic valve stenosis management: old strategies and future directions. <i>European Heart Journal</i> , <b>2008</b> , 29, 2821; author reply 2822	9.5	1
61	The changing spectrum of bioprostheses hydrodynamic performance: considerations on in-vitro tests. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2008</b> , 7, 750-4	1.8	7



60 **2008,**

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59 Valve-sparing aortic root replacement in a patient with a rare connective tissue disorder: arterial tortuosity syndrome. *Journal of Thoracic and Cardiovascular Surgery*, **2007**, 133, 252-3 1.5 12

58 Temporary coronary artery occlusion during off-pump surgery and endothelial vessel dysfunction: is it still an unresolved mystery?. *Journal of Thoracic and Cardiovascular Surgery*, **2007**, 133, 1397; author reply 1397-8 1.5

57 Extended (31 years) durability of a Starr-Edwards prosthesis in mitral position. *Interactive Cardiovascular and Thoracic Surgery*, **2007**, 6, 570-1 1.8 13

56 Giant mature teratoma of the pericardium. *European Journal of Cardio-thoracic Surgery*, **2007**, 32, 660 3

55 Endoscopic radial artery harvesting with a novel vessel sealing system. *Annals of Thoracic Surgery*, **2007**, 83, 1580-1 2.7

54 Conflicting echocardiographic evaluations of supra-annular tissue valves: a mystery not yet resolved. *Annals of Thoracic Surgery*, **2007**, 84, 713-4 2.7

53 Heart valve surgery in a very high-risk population: a preliminary experience in awake patients. *Journal of Heart Valve Disease*, **2007**, 16, 187-94 17

52 Small aortic annulus: the hydrodynamic performances of 5 commercially available tissue valves. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 131, 1058-64 1.5 65

51 Clinical results of Hancock II versus Hancock Standard at long-term follow-up. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 132, 595-601, 601.e1-2 1.5 7

50 Fifteen-year results with the Hancock II valve: a multicenter experience. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 132, 602-9, 609.e1-4 1.5 54

49 Commissural dehiscence: a rare and peculiar cause of porcine valve structural deterioration. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 132, 1017-22 1.5 5

48 Early and long-term prognostic value of Troponin-I after cardiac surgery in newborns and children. *European Journal of Cardio-thoracic Surgery*, **2006**, 30, 250-5 3 22

47 Minimally invasive surgical placement of left ventricular epicardial lead: letter 1. *Annals of Thoracic Surgery*, **2006**, 81, 407 2.7 2

46 Critical aortic stenosis in early infancy: surgical treatment for residual lesions after balloon dilation. *Annals of Thoracic Surgery*, **2005**, 79, 47-51; discussion 51-2 2.7 20

45 Parasternal wire technique and sternal dehiscence. *Annals of Thoracic Surgery*, **2005**, 79, 1096-7 2.7 1

44 Preservation of the anterior fat pad and incidence of postoperative atrial fibrillation following coronary surgery. *Journal of the American College of Cardiology*, **2005**, 45, 1308; author reply 1308-9 15.1 2

43 Anomalous origin of one pulmonary artery from the ascending aorta. *Cardiology in the Young*, **2005**, 15, 176-81 1 20

42	Intermediate results of isolated mitral valve replacement with a Biocor porcine valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2005</b> , 129, 322-9	1.5	8
41	Clinical-pathologic conference in cardiac surgery: malignant schwannoma of the heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2005</b> , 130, 202-5	1.5	8
40	Antiphospholipid syndrome and right atrial mass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2005</b> , 130, 1462-3	1.5	11
39	Performance of the pulmonary autograft in four infants after the Ross procedure. <i>Pediatric Cardiology</i> , <b>2005</b> , 26, 797-800	2.1	4
38	Surgical treatment of lone atrial fibrillation in an awake patient. <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E158-60	0.7	3
37	The need of a hybrid approach for the treatment of atrial fibrillation. <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E326-30	0.7	16
36	Biological versus mechanical aortic prosthesis? A nineteen-year comparison in a propensity-matched population. <i>Journal of Heart Valve Disease</i> , <b>2005</b> , 14, 493-500		4
35	Coronary artery tourniquet and shunting: acute effects and wall damage. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 25, 661-2; author reply 662	3	
34	Epidural anesthesia for coronary artery bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 26, 1228-9	3	
33	Hemodynamic and clinical outcomes with the Biocor valve in the aortic position: an 8-year experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 1616-23	1.5	13
32	The bovine jugular vein conduit for right ventricular outflow tract reconstruction: a feasible alternative to homograft conduits?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 1204-7	1.5	3
31	Small aortic annulus: the hydrodynamic performances of 5 commercially available bileaflet mechanical valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 128, 457-62	1.5	34
30	Atrial septal mass: transesophageal echocardiographic assessment. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 128, 767-9	1.5	8
29	Carpentier-Edwards Perimount valve and intraoperative structural failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 128, 795; author reply 796	1.5	
28	BIOSA bileaflet pericardial valve: experimental study in sheep model. <i>Cardiovascular Pathology</i> , <b>2004</b> , 13, 207-12	3.8	1
27	How an undiscovered extensive peripheral pulmonary venous thrombosis destroyed a heart transplant: a case report. <i>Transplantation Proceedings</i> , <b>2004</b> , 36, 1551-3	1.1	5
26	Biological or mechanical prostheses in tricuspid position? A meta-analysis of intra-institutional results. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 77, 1607-14	2.7	127
25	Are valve bioprostheses more prone to structural valve deterioration in mitral than in aortic position? An answer derived from a prolonged experience with the novacor left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , <b>2004</b> , 23, 507-9	5.8	2

24	Thoracoscopic closure of the patent arterial duct. <i>Cardiology in the Young</i> , <b>2004</b> , 14, 164-7	1	10
23	An unusual case of aorto-left ventricular tunnel. <i>Cardiology in the Young</i> , <b>2004</b> , 14, 203-5	1	5
22	Echocardiographic diagnosis of aortic valve papillary fibroelastoma. <i>Texas Heart Institute Journal</i> , <b>2004</b> , 31, 322-3	0.8	4
21	Radiofrequency ablation through a right atrium incision in congenital atrial septal defect. <i>Langenbeck's Archives of Surgery</i> , <b>2003</b> , 388, 52-5	3.4	1
20	The last to die is hope: prolonged mechanical circulatory support with a Novacor left ventricular assist device as a bridge to transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 125, 417-8	1.5	28
19	Intracoronary artery shunt: an assessment of possible coronary artery wall damage. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 125, 1160-2	1.5	18
18	Long-term durability of the Hancock II porcine bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 126, 66-74	1.5	47
17	Hancock II bioprosthesis: a glance at the microscope in mid-long-term explants. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 126, 99-105	1.5	43
16	Life-threatening anaphylactic shock caused by porcine heparin intravenous infusion during mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 126, 1194-5	1.5	30
15	Double crisscross sternal wiring and chest wound infections: a prospective randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 126, 1352-6	1.5	41
14	Double criss-cross sternal wiring and chest wound infections. <i>Annals of Thoracic Surgery</i> , <b>2003</b> , 76, 975-6; author reply 976-7	2.7	4
13	Expected freedom from structural degeneration and patient outgrowth for the bovine jugular vein conduit: is it possible to calculate a safe rate for children?. <i>Annals of Thoracic Surgery</i> , <b>2003</b> , 76, 2167-8; author reply 2168	2.7	3
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11	Full-sternotomy off-pump versus on-pump coronary artery bypass procedures: in-hospital outcomes and complications during one year in a single center. <i>Texas Heart Institute Journal</i> , <b>2003</b> , 30, 261-7	0.8	4
10	Unexpected mechanical bileaflet valve thrombosis in mitral position: what is better to do, re-replacement or thrombolysis. <i>Langenbeck's Archives of Surgery</i> , <b>2002</b> , 387, 166-9	3.4	1
9	Left main trunk ostial stenosis and aortic incompetence in Takayasu's arteritis. <i>Cardiovascular Pathology</i> , <b>2002</b> , 11, 291-5	3.8	5
8	Mid-term follow-up in patients with Biocor porcine bioprostheses. <i>Vascular</i> , <b>2002</b> , 10, 238-44		4
7	Case report: fibroelastoma of the papillary muscle of the mitral valve: diagnostic implications and review of the literature. <i>Journal of Heart Valve Disease</i> , <b>2002</b> , 11, 288-91		5

6	Dynamic in vitro calcification of bioprosthetic porcine valves: evidence of apatite crystallization. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2001</b> , 121, 500-9	1.5	40
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1	The elongation of the internal carotid artery: early and long-term results of patients having surgery compared with unoperated controls. <i>Annals of Vascular Surgery</i> , <b>1997</b> , 11, 120-8	1.7	30