

# F Robicsek, Francis Robicsek

## List of Publications by Year in descending order

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141  
papers

3,650  
citations

136885

32  
h-index

149623

56  
g-index

142  
all docs

142  
docs citations

142  
times ranked

2098  
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptosis is Initiated by Myocardial Ischemia and Executed During Reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 197-208.	0.9	252
2	Pressure-induced arterial wall stress and atherosclerosis. <i>Annals of Thoracic Surgery</i> , 1995, 59, 1594-1603.	0.7	227
3	Two Outbreaks of Sternal Wound Infections Due to Organisms of the <i>Mycobacterium fortuitum</i> Complex. <i>Journal of Infectious Diseases</i> , 1981, 143, 533-542.	1.9	191
4	Mechanical properties of abdominal aortic aneurysm wall. <i>Journal of Medical Engineering and Technology</i> , 2001, 25, 133-142.	0.8	149
5	Sternal Instability After Midline Sternotomy. <i>Thoracic and Cardiovascular Surgeon</i> , 2000, 48, 1-8.	0.4	148
6	Leonardo da Vinci and the sinuses of Valsalva. <i>Annals of Thoracic Surgery</i> , 1991, 52, 328-335.	0.7	111
7	Wall stress as a possible mechanism for the development of transverse intimal tears in aortic dissections. <i>Journal of Medical Engineering and Technology</i> , 1999, 23, 127-134.	0.8	103
8	<i>Mycobacterium fortuitum</i> epidemics after open-heart surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1978, 75, 91-96.	0.4	99
9	Cardiomyocyte apoptosis in acute and chronic conditions. <i>Basic Research in Cardiology</i> , 1998, 93, 85-89.	2.5	98
10	Neodymium:YAG laser photocoagulation: a successful new map-guided technique for the intraoperative ablation of ventricular tachycardia.. <i>Circulation</i> , 1987, 76, 1319-1328.	1.6	93
11	Hemodynamic considerations regarding the mechanism and prevention of aortic dissection. <i>Annals of Thoracic Surgery</i> , 1994, 58, 1247-1253.	0.7	91
12	Wall Stress Studies of Abdominal Aortic Aneurysm in a Clinical Model. <i>Annals of Vascular Surgery</i> , 2001, 15, 355-366.	0.4	83
13	A New Method to Treat Fusiform Aneurysms of the Ascending Aorta Associated with Aortic Valve Disease: An Alternative to Radical Resection. <i>Annals of Thoracic Surgery</i> , 1982, 34, 92-94.	0.7	72
14	Role of sinus wall compliance in aortic leaflet function. <i>American Journal of Cardiology</i> , 1999, 84, 944-946.	0.7	70
15	Stress analysis of the aortic valve with and without the sinuses of Valsalva. <i>Journal of Heart Valve Disease</i> , 2001, 10, 1-11.	0.5	67
16	Congenital quadricuspid aortic valve with displacement of the left coronary orifice. <i>American Journal of Cardiology</i> , 1969, 23, 288-290.	0.7	63
17	Successful Clinical Laser Ablation of Ventricular Tachycardia: A Promising New Therapeutic Method. <i>Annals of Thoracic Surgery</i> , 1986, 42, 380-384.	0.7	54
18	The Embolization of Bone Wax from Sternotomy Incisions. <i>Annals of Thoracic Surgery</i> , 1981, 31, 357-359.	0.7	53

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19	Marlex Mesh Support for the Correction of Very Severe and Recurrent Pectus Excavatum. <i>Annals of Thoracic Surgery</i> , 1978, 26, 80-83.	0.7	50
20	A New Method for the Treatment of Congenital Heart Disease Associated with Impaired Pulmonary Circulation. <i>Acta Medica Scandinavica</i> , 1956, 154, 151-161.	0.0	46
21	Myocardial Protection During Open-Heart Surgery: Coronary Perfusion Versus Topical Cardiac Hypothermia. <i>Annals of Thoracic Surgery</i> , 1970, 10, 340-353.	0.7	45
22	Limited value of balloon dilatation in calcified aortic stenosis in adults: Direct observations during open heart surgery. <i>American Journal of Cardiology</i> , 1987, 60, 857-864.	0.7	44
23	Technical Considerations in the Surgical Management of Pectus Excavatum and Carinatum. <i>Annals of Thoracic Surgery</i> , 1974, 18, 549-564.	0.7	43
24	Ascending-Distal Abdominal Aorta Bypass for Treatment of Hypoplastic Aortic Arch and Atypical Coarctation in the Adult. <i>Annals of Thoracic Surgery</i> , 1984, 37, 261-263.	0.7	43
25	The freedom from atherosclerosis of intramyocardial coronary arteries: reduction of mural stress is a key factor. <i>European Journal of Cardio-thoracic Surgery</i> , 1994, 8, 228-235.	0.6	42
26	Conservative operation in the management of annular dilatation and ascending aortic aneurysm. <i>Annals of Thoracic Surgery</i> , 1994, 57, 1672-1674.	0.7	42
27	Clinical introduction of a novel prosthesis for valve-preserving aortic root reconstruction for annuloaortic ectasia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 692-698.	0.4	41
28	Balloon Valvuloplasty in Calcified Aortic Stenosis: A Cause for Caution and Alarm. <i>Annals of Thoracic Surgery</i> , 1988, 45, 515-525.	0.7	38
29	How not to do it: restrictive thoracic dystrophy after pectus excavatum repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2004, 3, 566-568.	0.5	38
30	Pathogenesis and significance of post-stenotic dilatation in great vessels. <i>Annals of Surgery</i> , 1958, 147, 835-44.	2.1	37
31	Compression of the true lumen by retrograde perfusion during repair of aortic dissection. <i>Journal of Cardiovascular Surgery</i> , 1985, 26, 36-40.	0.3	35
32	The Value of Angiography in the Diagnosis of Unruptured Aneurysms of the Abdominal Aorta. <i>Annals of Thoracic Surgery</i> , 1971, 11, 538-550.	0.7	34
33	Rapidly Growing Nontuberculous Mycobacteria: A New Enemy of the Cardiac Surgeon. <i>Annals of Thoracic Surgery</i> , 1988, 46, 703-710.	0.7	32
34	The Use of Cyanoacrylate Adhesive (Krazy Glue) in Cardiac Surgery. <i>Journal of Cardiac Surgery</i> , 1994, 9, 353-356.	0.3	31
35	Postoperative sterno-mediastinitis. <i>American Surgeon</i> , 2000, 66, 184-92.	0.4	31
36	An Epitaph for Cavopulmonary Anastomosis. <i>Annals of Thoracic Surgery</i> , 1982, 34, 208-220.	0.7	30

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37	Transplantation of live hearts. American Journal of Cardiology, 1967, 20, 803-811.	0.7	28
38	A new aortic root prosthesis with compliant sinuses for valve-sparing operations. Annals of Thoracic Surgery, 2001, 71, S318-S322.	0.7	28
39	From Hippocrates to Palmaz-Schatz, The History of Carotid Surgery. European Journal of Vascular and Endovascular Surgery, 2004, 27, 389-397.	0.8	28
40	Bacterial Endocarditis of the Mitral Valve Treated by Excision and Replacement. Annals of Surgery, 1967, 166, 854-857.	2.1	27
41	Surgical treatment of pectus excavatum. Chest Surgery Clinics of North America, 2000, 10, 277-96.	0.8	27
42	The Value of Thermography in the Early Diagnosis of Postoperative Sternal Wound Infections. Thoracic and Cardiovascular Surgeon, 1984, 32, 260-265.	0.4	25
43	Recurrent Aneurysm of the Abdominal Aorta. Annals of Thoracic Surgery, 1967, 3, 549-552.	0.7	23
44	Can timing of tracheal extubation predict improved outcomes after cardiac surgery?. HSR Proceedings in Intensive Care & Cardiovascular Anesthesia, 2009, 1, 39-47.	0.6	23
45	Surgical correction of pectus excavatum and carinatum. Journal of Cardiovascular Surgery, 1999, 40, 725-31.	0.3	22
46	Heart Surgery in Normothermic Body Perfusion, Interruption of the Coronary Blood Flow, and Topical Cardiac Hypothermia. Annals of Thoracic Surgery, 1967, 4, 232-241.	0.7	21
47	Transplantability of Heart Valves. Archives of Surgery, 1962, 84, 141.	2.3	20
48	Reperfusion Injury: Fact or Myth?. Journal of Cardiac Surgery, 1997, 12, 133-137.	0.3	20
49	Transport of colloidal particles in lymphatics and vasculature after subcutaneous injection. Journal of Applied Physiology, 1999, 86, 1381-1387.	1.2	20
50	A Method of Preventing Myocardial Damage by Using a Modified Ventriculotomy Incision*. Annals of Surgery, 1962, 155, 874-882.	2.1	18
51	The Maintenance of Function of the Donor Heart in the Extracorporeal Stage and During Transplantation. Annals of Thoracic Surgery, 1968, 6, 330-342.	0.7	18
52	Electrophysiologic effects of partial coronary flow reduction in the exposed canine heart. Effects of ischemia and ischemic-induced regional hypothermia on refractoriness and conduction delay.. Circulation, 1978, 58, 670-678.	1.6	18
53	“Above-Under” Exposure of the First Rib: A Modified Approach for the Treatment of Thoracic Outlet Syndrome. Annals of Vascular Surgery, 1997, 11, 304-306.	0.4	18
54	Surgical Correction of Pectus Excavatum. How Did We Get Here? Where Are We Going?. Thoracic and Cardiovascular Surgeon, 2011, 59, 5-14.	0.4	18

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55	Subintimal Retrograde Perfusion during Repair of Aortic Dissection: A Potential Cause of Disaster. <i>Annals of Vascular Surgery</i> , 1988, 2, 298-302.	0.4	17
56	Apical aortic cannulation: Application of an old method with new paraphernalia. <i>Annals of Thoracic Surgery</i> , 1991, 51, 330-332.	0.7	17
57	Complete bypass of the right heart. <i>American Heart Journal</i> , 1963, 66, 792-797.	1.2	16
58	Coarctation of the Abdominal Aorta Diagnosed by Aortography. <i>Annals of Surgery</i> , 1965, 162, 227-233.	2.1	16
59	Long term complete circulatory exclusion of the right side of the heart. <i>American Journal of Cardiology</i> , 1966, 18, 867-875.	0.7	15
60	Aneurysms of the Abdominal Aorta: Whether or Not, When, and Whom?. <i>Annals of Thoracic Surgery</i> , 1977, 24, 241-245.	0.7	14
61	Extending Myocardial Viability During Heart Preservation with Cyclosporine A. <i>Journal of Cardiac Surgery</i> , 2000, 15, 392-402.	0.3	14
62	Observations Following Four Years of Complete Circulatory Exclusion of the Right Heart. <i>Annals of Thoracic Surgery</i> , 1969, 8, 530-536.	0.7	13
63	Changes in Sternal Blood Flow after Different Methods of Internal Thoracic Artery Harvesting. <i>Thoracic and Cardiovascular Surgeon</i> , 2004, 52, 334-337.	0.4	13
64	Prevention of retrovirus infection after injury with contaminated instruments: An experimental study. <i>Annals of Thoracic Surgery</i> , 1991, 52, 74-77.	0.7	12
65	Surgical treatment of pectus carinatum. <i>Chest Surgery Clinics of North America</i> , 2000, 10, 357-76, viii.	0.8	12
66	The Treatment of Malignant Hypertension Due To Ischemia of the Solitary Functioning Kidney. <i>Angiology</i> , 1963, 14, 377-380.	0.8	11
67	The Azygos "Steal" Syndrome in Cava-Pulmonary Anastomosis. <i>Annals of Surgery</i> , 1963, 158, 1007-1011.	2.1	11
68	Pseudocoarctation Associated with Aneurysm of the Aortic Arch. <i>Angiology</i> , 1966, 17, 719-725.	0.8	11
69	Aorticorenal Disease. <i>Annals of Thoracic Surgery</i> , 1967, 3, 195-203.	0.7	11
70	Is There a Place for Wall Reinforcement in Modern Aortic Surgery?. <i>Archives of Surgery</i> , 1972, 105, 824.	2.3	11
71	Patency Rate of Bifurcated Aortic Grafts: Comparative Analysis of Woven versus Knitted Prostheses in the Same Patient. <i>Annals of Thoracic Surgery</i> , 1985, 40, 172-174.	0.7	11
72	Vena cavapulmonary artery anastomosis for vascularization of the lung. <i>The Journal of Thoracic Surgery</i> , 1958, 35, 440-51.	0.7	11

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73	Coronary Arterio-Venous Fistula. <i>Annals of Surgery</i> , 1959, 149, 572-575.	2.1	10
74	Studies On the Poststenotic Dilation. <i>Angiology</i> , 1961, 12, 68-72.	0.8	10
75	EFFECTS OF CANINE DONOR HEART PRESERVATION TEMPERATURE ON POSTTRANSPLANT LEFT VENTRICULAR FUNCTION AND MYOCARDIAL METABOLISM <sup>1,2</sup> . <i>Transplantation</i> , 1994, 57, 807-811.	0.5	10
76	Management of the Patient with a Prosthetic Heart Valve. <i>Annals of Thoracic Surgery</i> , 1976, 22, 389-399.	0.7	9
77	Origin of the left anterior descending coronary artery from the left mammary artery. <i>American Heart Journal</i> , 1984, 108, 1377-1378.	1.2	9
78	Very long aortic grafts. <i>European Journal of Cardio-thoracic Surgery</i> , 1992, 6, 536-541.	0.6	9
79	The Prevention of Suture Line Insufficiency Using Cuffed Synthetic Vascular Grafts. <i>Annals of Thoracic Surgery</i> , 1971, 11, 57-60.	0.7	8
80	Presternal Muscle Padding Following Midline Sternotomy. <i>Journal of Cardiac Surgery</i> , 1989, 4, 299-301.	0.3	8
81	Balloon dilatation of the stenosed aortic valve: How does it work? Why does it fail?. <i>American Journal of Cardiology</i> , 1990, 65, 761-766.	0.7	8
82	Indium 111 [dash ]labeled platelet deposition in woven and knitted Dacron bifurcated aortic grafts with the same patient as a clinical model. <i>Journal of Vascular Surgery</i> , 1987, 5, 833-837.	0.6	8
83	Quality improvement in cardiac critical care. <i>HSR Proceedings in Intensive Care &amp; Cardiovascular Anesthesia</i> , 2009, 1, 16-20.	0.6	8
84	Topical cardiac hypothermia in lieu of coronary perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1966, 52, 533-41.	0.4	8
85	Emergency Thrombectomy of the Prosthetic Mitral Valve. <i>Vascular Surgery</i> , 1970, 4, 137-140.	0.3	7
86	The Control of Bleeding after Cardiopulmonary Bypass by the Intrapericardial Instillation of Fresh Frozen Plasma and Platelets with Microfibrillar Collagen. <i>Thoracic and Cardiovascular Surgeon</i> , 1984, 32, 127-130.	0.4	7
87	Can AIDS be prevented after injury with contaminated instruments?. <i>Annals of Thoracic Surgery</i> , 1990, 49, 984-986.	0.7	7
88	STERNOPLASTY FOR INCOMPLETE STERNUM SEPARATION. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998, 116, 361-362.	0.4	7
89	Mechanical Stress as Cause of Aortic Valve Disease Presentation of a New Aortic Root Prosthesis. <i>Acta Chirurgica Belgica</i> , 2002, 102, 1-6.	0.2	7
90	Conservatism in the management of aortic aneurysms. <i>Journal of Cardiovascular Surgery</i> , 1984, 25, 81-5.	0.3	7

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91	Xiphoid-interposition: a technical modification for the repair of pectus excavatum. American Surgeon, 1960, 26, 329-31.	0.4	7
92	Homograft replacement of the atrioventricular valves. Journal of Heart Valve Disease, 1996, 5, 607-22.	0.5	6
93	STENOSIS OF THE ORIGIN OF THE RIGHT PULMONARY ARTERY. REPORT OF THREE CASES. Journal of Thoracic and Cardiovascular Surgery, 1964, 48, 124-31.	0.4	6
94	Post-stenotic dilatation of the great vessels. Acta Medica Scandinavica, 1955, 151, 481-5.	0.0	6
95	Peripheral Stricture of the Pulmonary Artery Treated by Cava-Pulmonary Anastomosis. Annals of Surgery, 1964, 160, 1066-1068.	2.1	5
96	Pulmonary Blood Flow Measurements Following Vena Cava-to-Pulmonary Artery Anastomosis. Annals of Thoracic Surgery, 1973, 15, 128-134.	0.7	5
97	Laser Ablation of Ventricular Tachycardia. Thoracic and Cardiovascular Surgeon, 1988, 36, 155-158.	0.4	5
98	Vascular Surgery: Possible Adverse Effect on Extent of Subsequent Lower Limb Amputation. Southern Medical Journal, 1992, 85, 1190-1192.	0.3	5
99	Dilatation of the ascending aorta in patients with congenitally bicuspid aortic valves. HSR Proceedings in Intensive Care & Cardiovascular Anesthesia, 2012, 4, 109-18.	0.6	5
100	The autoperfusing heart-lung preparation: a vehicle for the preservation of the resuscitated cadaver heart. Journal of Thoracic and Cardiovascular Surgery, 1969, 58, 879-85.	0.4	5
101	Localization of Congenital Stricture of the Aorta Without Contrast Radiography. Annals of Surgery, 1961, 153, 459-464.	2.1	4
102	Surgical Treatment of Hypoplasia of the Ascending Aorta. Vascular Surgery, 1970, 4, 1-6.	0.3	4
103	A Method to Place Temporary Atrial Pacing Electrodes during Heart Surgery. Thoracic and Cardiovascular Surgeon, 1983, 31, 322-322.	0.4	4
104	Peri-operative Intraaortic Balloon Assist, Decreasing Complications to the Minimum. Thoracic and Cardiovascular Surgeon, 2003, 51, 115-125.	0.4	4
105	A Prelude to Fontan. Pediatric Cardiology, 2007, 28, 422-425.	0.6	4
106	Transplantation of Coronary Arteries: An Experimental Study. Annals of Thoracic Surgery, 1966, 2, 243-249.	0.7	3
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109	Enhancing the Applicability and Effectiveness of Intraaortic Balloon Counterpulsation. Journal of Cardiac Surgery, 1990, 5, 321-327.	0.3	3
110	Half and Half Woven and Knitted Dacron Grafts in the Aortoiliac and Aortofemoral Positions: Seven and One-Half Years Follow-Up. Annals of Vascular Surgery, 1991, 5, 315-319.	0.4	3
111	Inhibition of needlestick-induced simulated viremia by local measures. Annals of Thoracic Surgery, 2000, 70, 229-233.	0.7	3
112	Collagen-thrombin-plasma composite hemostat. Annals of Thoracic Surgery, 2000, 69, 1298-1299.	0.7	3
113	Intra-aortic balloon counterpulsation in acute cardiogenic shock. North Carolina Medical Journal, 1975, 36, 157-61.	0.1	3
114	The application of biological tissues in cardiac valve surgery. The history of the first two decades. Journal of Heart Valve Disease, 1994, 3, 613-26.	0.5	3
115	Prevention of secondary hemorrhage in Hanuman syndrome (open mediastinal drainage). Journal of Cardiovascular Surgery, 1997, 38, 601-3.	0.3	3
116	OBSERVATIONS ON PARTIAL AND COMPLETE CIRCULATORY EXCLUSION OF THE RIGHT HEART. Journal of Cardiovascular Surgery, 1965, 6, 30-48.	0.3	3
117	Indications for Surgical Treatment in Congenital Heart Disease. Southern Medical Journal, 1961, 54, 308-312.	0.3	2
118	Intermittent Occlusion of the Internal Carotid Artery by Detached Intima. Angiology, 1965, 16, 18-20.	0.8	2
119	A New Procedure for the Palliation of Transposition of the Great Vessels. Annals of Thoracic Surgery, 1969, 7, 21-26.	0.7	2
120	Management of inflammatory aneurysm of the infrarenal aorta using retroperitoneal exposure, open aneurysmorrhaphy and descending aorta-to-femoral artery bypass. Journal of Cardiovascular Surgery, 2000, 41, 457-8.	0.3	2
121	Long-Range Observations Following Two-Stage Occlusion of the Descending Thoracic Aorta for Type III Dissection. Annals of Vascular Surgery, 1986, 1, 244-248.	0.4	1
122	Failure of Intraaortic Balloon Counterpulsation Caused by Pacing or Other Electrical Artifacts: A New Method of Correction. Journal of Cardiac Surgery, 1987, 2, 407-410.	0.3	1
123	Supraclavicular lung biopsy. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1765-1766.	0.4	1
124	Aortic Spoon-Jaw Clamp for Aorto-Saphenous Vein Anastomosis. Journal of Cardiac Surgery, 1995, 10, 583-585.	0.3	1
125	Correspondence. Annals of Thoracic Surgery, 1998, 65, 303.	0.7	1
126	SURGERY   Pectus Carinatum, Poland's Syndrome, Cleft Sternum, and Acquired Restrictive Thoracic Dystrophy. , 2006, , 159-171.		1



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127	Editorial Comment: Minimally invasive or maximally intrusive. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 672-673.	0.6	1
128	Myocardial infarction with angiographically normal coronary arteries. <i>Journal of the Royal Society of Medicine</i> , 2002, 95, 528-528.	1.1	1
129	Surgical repair of extensive myocardial infarction: ventricular aneurysmectomy according to Dor with exclusion-closure of ventricular septal perforation and mitral replacement: a case report. <i>Journal of Heart Valve Disease</i> , 1996, 5, 561-3.	0.5	1
130	Pulmonary circulation in experimental pulmonary stenosis. <i>Acta Medica Academiae Scientiarum Hungaricae</i> , 1954, 5, 335-45.	0.1	1
131	Three year follow-up of a patient with transposition of the great vessels, atrial septal defect, and pulmonary stenosis treated by vena cava-pulmonary artery anastomosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1962, 44, 817-20.	0.4	1
132	IS THE RIGHT HEART AN ABSOLUTELY NECESSARY ORGAN?. <i>Bulletin De La Soci�t� Internationale De Chirurgie</i> , 1964, 23, 645-71.	0.0	1
133	Three years' experience with computer-based intensive care of patients following open heart and major vascular surgery. <i>Surgery</i> , 1977, 81, 12-20; discussion 20-1.	1.0	1
134	Cadaver hearts as donor grafts. <i>Transplant International</i> , 1996, 9, 438-438.	0.8	1
135	Redundancy of the Carotid Artery Combined With Intrinsic Occlusion. <i>Vascular Surgery</i> , 1970, 4, 101-105.	0.3	0
136	A Reliable Method for Epicardial Atrial and Atrioventricular Pacing: The Loop Electrode. <i>Journal of Cardiac Surgery</i> , 1991, 6, 330-330.	0.3	0
137	Regarding the impact of arterial surgery and balloon angioplasty on amputation: A population-based study of 1155 procedures between 1973 and 1992. <i>Journal of Vascular Surgery</i> , 1997, 26, 353.	0.6	0
138	Aortic root movement: a potential risk factor for aortic dissection. , 0, , .		0
139	Reply to Actis Dato et al. (II). <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 726-726.	0.6	0
140	Six years' experience with closed-chest decannulation of transthoracically inserted cardiac-assist balloon catheters. <i>Texas Heart Institute Journal</i> , 1992, 19, 51-3.	0.1	0
141	Etiology of degenerative disease of the tri-leaflet aortic valve: a simple explanation for a complex problem. <i>Clinical Research in Cardiology</i> , 2001, 90 Suppl 6, 35-8.	1.2	0