Aurelio Chaux

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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.

49 papers	2,895 citations	28 h-index	50 g-index
50 ext. papers	3,126 ext. citations	3.8 avg, IF	3.38 L-index

#	Paper	IF	Citations
49	Coronary angioscopy in patients with unstable angina pectoris. *New England Journal of Medicine*, **1986**, 315, 913-9	59.2	1012
48	Twenty-year comparison of tissue and mechanical valve replacement. *Journal of Thoracic and Cardiovascular Surgery*, **2001**, 122, 257-69	1.5	158
47	Ten-year experience of cardiac surgery in patients aged 80 years and over. *Annals of Thoracic Surgery*, **1994**, 58, 445-50; discussion 450-1	2.7	115
46	Ten-year experience with the St. Jude Medical valve for primary valve replacement. *Journal of Thoracic and Cardiovascular Surgery*, **1990**, 100, 44-55	1.5	99
45	Bileaflet, tilting disc and porcine aortic valve substitutes: in vitro hydrodynamic characteristics. *Journal of the American College of Cardiology*, **1984**, 3, 313-20	15.1	99
44	Delineation of peripheral and coronary detail by intraoperative angioscopy. *Annals of Surgery*, **1985**, 202, 394-400	7.8	90
43	Intraoperative Doppler color flow mapping for assessment of valve repair for mitral regurgitation. *American Journal of Cardiology*, **1987**, 60, 333-7	3	82
42	Cardiac surgery in the octogenarian. *Journal of Thoracic and Cardiovascular Surgery*, **1986**, 91, 924-928	1.5	78
41	Reduction in sudden late death by concomitant revascularization with aortic valve replacement. *Journal of Thoracic and Cardiovascular Surgery*, **1988**, 95, 390-401	1.5	69
40	Bileaflet, tilting disc and porcine aortic valve substitutes: in vivo hydrodynamic characteristics. *Journal of the American College of Cardiology*, **1984**, 3, 321-7	15.1	65
39	Perivascular delivery of a nitric oxide donor inhibits neointimal hyperplasia in vein grafts implanted in the arterial circulation. *Journal of Thoracic and Cardiovascular Surgery*, **1998**, 115, 604-12; discussion 612-4	1.5	63
38	Morbidity and mortality after coronary artery bypass in octogenarians. *Annals of Thoracic Surgery*, **1991**, 51, 983-6	2.7	61
37	Thermal coronary angiography: a method for assessing graft patency and coronary anatomy in coronary bypass surgery. *Annals of Thoracic Surgery*, **1989**, 47, 441-9	2.7	57
36	An appreciation of the new St. Jude valvular prosthesis. *Journal of Thoracic and Cardiovascular Surgery*, **1981**, 81, 202-211	1.5	57
35	Combined valve and coronary artery bypass procedures in septuagenarians and octogenarians: results in 120 patients. *Annals of Thoracic Surgery*, **1986**, 42, 681-4	2.7	54
34	A 6 year experience with the St. Jude medical valve: hemodynamic performance, surgical results, biocompatibility and follow-up. *Journal of the American College of Cardiology*, **1985**, 6, 904-12	15.1	52
33	The St. Jude Medical bileaflet valve prosthesis. *Journal of Thoracic and Cardiovascular Surgery*, **1984**, 88, 706-717	1.5	46

32	Tricuspid valve repair. *Journal of Thoracic and Cardiovascular Surgery*, **1989**, 98, 101-111	1.5	42
31	Right atrial tamponade complicating cardiac operation. *Journal of Thoracic and Cardiovascular Surgery*, **1982**, 84, 413-419	1.5	38
30	Cardiac operations in patients 90 years of age and older. *Annals of Thoracic Surgery*, **1997**, 63, 1685-90	2.7	36
29	Comparative clinical experience with porcine bioprosthetic and St. Jude valve replacement. *Chest*, **1987**, 91, 503-14	5.3	36
28	Arrhythmias and conduction disturbances following cardiac operation for the removal of left atrial myxomas. *Journal of Thoracic and Cardiovascular Surgery*, **1983**, 86, 601-607	1.5	35
27	The current status of angioscopy and laser angioplasty. *Journal of Vascular Surgery*, **1987**, 5, 667-673	3.5	33
26	Bone Marrow-Derived Tenascin-C Attenuates Cardiac Hypertrophy by Controlling Inflammation. *Journal of the American College of Cardiology*, **2017**, 70, 1601-1615	15.1	31
25	Results of coronary artery bypass grafting and/or aortic or mitral valve operation in patients > or = 90 years of age. *American Journal of Cardiology*, **1994**, 74, 960-2	3	30
24	A quantitative comparison of transesophageal and epicardial color Doppler echocardiography in the intraoperative assessment of mitral regurgitation. *American Journal of Cardiology*, **1989**, 64, 1168-72	3	30
23	Intraoperative coronary angioscopy. *Journal of Thoracic and Cardiovascular Surgery*, **1986**, 92, 972-976	1.5	29
22	Postinfarction ventricular septal defect in the elderly: analysis and results. *Annals of Thoracic Surgery*, **1994**, 57, 1244-7	2.7	28
21	The St. Jude valve: analysis of thromboembolism, warfarin-related hemorrhage, and survival. *American Heart Journal*, **1987**, 114, 389-97	4.9	26
20	Cardiac reoperations in octogenarians: analysis of outcomes. *Annals of Thoracic Surgery*, **1999**, 67, 93-8	2.7	25
19	Results of early repair of ventricular septal defect after an acute myocardial infarction. *Journal of Thoracic and Cardiovascular Surgery*, **1992**, 104, 961-965	1.5	24
18	Noninvasive in vivo and in vitro study of the St. Jude mitral valve prosthesis. Evaluation using two dimensional and M mode echocardiography, phonocardiography and cinefluoroscopy. *American Journal of Cardiology*, **1982**, 49, 11101-9	3	24
17	Post-myocardial infarction ventricular septal defect. *Journal of Thoracic and Cardiovascular Surgery*, **1983**, 86, 41-46	1.5	20
16	Influence of vein valves in the development of arteriosclerosis in venoarterial grafts in the rabbit. *Journal of Thoracic and Cardiovascular Surgery*, **1995**, 110, 1381-9; discussion 1389-90	1.5	19
15	Bioengineered vascular graft grown in the mouse peritoneal cavity. *Journal of Vascular Surgery*, **2010**, 52, 994-1002, 1002.e1-2	3.5	18

14	Flow characteristics of the St. Jude prosthetic valve: an in vitro and in vivo study. *Artificial Organs*, **1982**, 6, 288-94	2.6	18
13	A new mitral valve. *Journal of Thoracic and Cardiovascular Surgery*, **1968**, 55, 369-382	1.5	13
12	Postinfarction ventricular septal defect. *Seminars in Thoracic and Cardiovascular Surgery*, **1998**, 10, 93-9	1.7	12
11	Mitral valve replacement early after myocardial infarction: attendant high risk of left ventricular rupture. *Journal of the American College of Cardiology*, **1987**, 9, 277-82	15.1	11
10	Detection of occult pericardial hemorrhage early after open-heart surgery using technetium-99m red blood cell radionuclide ventriculography. *American Heart Journal*, **1984**, 108, 1198-206	4.9	11
9	Hemodynamic differentiation of pathologic and physiologic stenosis in mitral porcine bioprostheses. *Journal of the American College of Cardiology*, **1986**, 7, 284-94	15.1	10
8	Assessment by Doppler color flow mapping of ventricular septal defect after acute myocardial infarction. *American Journal of Cardiology*, **1989**, 64, 668-71	3	9
7	Comprehensive noninvasive evaluation of left atrial myxomas using cardiac cine-computed tomography. *Journal of the American College of Cardiology*, **1987**, 9, 1180-3	15.1	8
6	As originally published in 1989: Thermal coronary angiography: a method for assessing graft patency and coronary anatomy in coronary bypass surgery. Updated in 1997. *Annals of Thoracic Surgery*, **1997**, 63, 1506-7	2.7	7
5	Noninvasive detection of active pericardial bleeding using cardiac blood pool scintigraphy. *American Journal of Cardiology*, **1983**, 51, 329-31	3	7
4	Anticoagulant independent mechanical heart valves: viable now or still a distant holy grail. *Annals of Translational Medicine*, **2016**, 4, 525	3.2	5
3	Prolonged hypercholesterolemia-induced tissue factor expression in rabbit vein grafts: a potential mechanism for graft failure. *Coronary Artery Disease*, **2010**, 21, 97-103	1.4	2
2	Preservation of saphenous vein endothelium. *Annals of Thoracic Surgery*, **2004**, 77, 1505	2.7	
1	Intraoperative Echocardiography: A Surgeonꞌs Perspective. *Echocardiography*, **1990**, 7, 179-179	1.5	