

Aldo Domenico Milano

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101
papers

1,713
citations

21
h-index

38
g-index

106
ext. papers

1,940
ext. citations

2.4
avg, IF

3.95
L-index

#	Paper	IF	Citations
101	Calcific degeneration as the main cause of porcine bioprosthetic valve failure. <i>American Journal of Cardiology</i> , 1984 , 53, 1066-70	3	174
100	Effect of transannular patching on outcome after repair of tetralogy of Fallot. <i>Annals of Thoracic Surgery</i> , 1989 , 48, 783-91	2.7	131
99	Prognostic value of myocardial fibrosis in patients with severe aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 830-7	1.5	86
98	Surgical excision of intracardiac myxomas: a 20-year follow-up. <i>Annals of Thoracic Surgery</i> , 1990 , 49, 449-53	2.7	75
97	Intravascular hemolysis in patients with new-generation prosthetic heart valves: a prospective study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002 , 123, 550-6	1.5	73
96	Clinical outcome in patients with 19-mm and 21-mm St. Jude aortic prostheses: comparison at long-term follow-up. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 37-43	2.7	71
95	Isolated mitral valve replacement with the Hancock bioprosthesis: a 13-year appraisal. <i>Annals of Thoracic Surgery</i> , 1984 , 38, 571-8	2.7	69
94	Fate of coronary ostial anastomoses after the modified Bentall procedure. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1797-801; discussion 1802	2.7	57
93	Mitral valve repair with artificial chordae: a review of its history, technical details, long-term results, and pathology. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 684-91	2.7	53
92	Early results of transmyocardial revascularization with a holmium laser. <i>Annals of Thoracic Surgery</i> , 1998 , 65, 700-4	2.7	52
91	Pregnancy in patients with a porcine valve bioprosthesis. <i>American Journal of Cardiology</i> , 1982 , 50, 1051-4	2.7	51
90	Performance of the Hancock porcine bioprosthesis following aortic valve replacement: considerations based on a 15-year experience. <i>Annals of Thoracic Surgery</i> , 1988 , 46, 216-22	2.7	43
89	Valve-related complications in elderly patients with biological and mechanical aortic valves. <i>Annals of Thoracic Surgery</i> , 1998 , 66, S82-7	2.7	38
88	ECMO for COVID-19 patients in Europe and Israel. <i>Intensive Care Medicine</i> , 2021 , 47, 344-348	14.5	37
87	Surgical pathology of aortic valve disease. A study based on 602 specimens. <i>European Journal of Cardio-thoracic Surgery</i> , 1990 , 4, 556-60	3	31
86	Aortic valve replacement with the Medtronic Mosaic bioprosthesis: a 13-year follow-up. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 510-5	2.7	29
85	Mode of failure of the Hancock pericardial valve xenograft. <i>American Journal of Cardiology</i> , 1989 , 63, 129-33	3	29

84	Surgical treatment of postinfarction left ventricular free wall rupture. <i>Journal of Cardiac Surgery</i> , 2009 , 24, 624-31	1.3	27
83	Porcine valve durability: a comparison between Hancock standard and Hancock II bioprostheses. <i>Annals of Thoracic Surgery</i> , 1995 , 60, S216-20	2.7	26
82	Is it possible to assess the best mitral valve repair in the individual patient? Preliminary results of a finite element study from magnetic resonance imaging data. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1025-34; discussion 1034	1.5	22
81	Hemodynamic performance of stented and stentless aortic bioprostheses. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 33-8	2.7	22
80	Right atrial myxoma originating from the inferior vena cava. <i>Annals of Thoracic Surgery</i> , 1990 , 49, 1000-22.	2.7	21
79	Predicting outcome after myocardial revascularization in patients with left ventricular dysfunction. <i>Vascular</i> , 1998 , 6, 58-66		19
78	Symptomatic improvement after transmyocardial laser revascularization: how long does it last?. <i>Annals of Thoracic Surgery</i> , 2000 , 70, 1130-3	2.7	19
77	Failure of Hancock pericardial xenografts: is prophylactic bioprosthetic replacement justified?. <i>Annals of Thoracic Surgery</i> , 1991 , 51, 430-7	2.7	19
76	In which patients is transcatheter aortic valve replacement potentially better indicated than surgery for redo aortic valve disease? Long-term results of a 10-year surgical experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 500-8.e1	1.5	18
75	Acute aortic dissection and pregnancy: Review and meta-analysis of incidence, presentation, and pathologic substrates. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 1591-1597	1.3	17
74	Pulsatile cardiopulmonary bypass and renal function in elderly patients undergoing aortic valve surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 291-8; discussion 298	3	16
73	Severe quadricuspid aortic valve stenosis after mediastinal irradiation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1198-9	1.5	15
72	Aortobronchial fistula after coarctation repair and blunt chest trauma. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 539-41	2.7	15
71	Stability of aortic annulus enlargement during aortic valve replacement using a bovine pericardial patch: an 18-year clinical, echocardiographic, and angio-computed tomographic follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 977-83	1.5	14
70	Clinical evaluation of new generation oxygenators with integrated arterial line filters for cardiopulmonary bypass. <i>Artificial Organs</i> , 2012 , 36, 875-85	2.6	14
69	Biomechanical drawbacks of different techniques of mitral neochordal implantation: When an apparently optimal repair can fail. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1303-12.e4	1.5	13
68	Serial Doppler echocardiographic evaluation of small-sized sorin bicarbon prostheses. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 337-43	1.5	13
67	Performance of 21-mm size perimount aortic bioprosthesis in the elderly. <i>Annals of Thoracic Surgery</i> , 2000 , 69, 47-50	2.7	13

66	The Edwards Prima stentless valve: hemodynamic performance at one year. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 2147-51	2.7	13
65	Hancock II porcine bioprosthesis: excellent durability at intermediate-term follow-up. <i>Journal of the American College of Cardiology</i> , 1994 , 24, 676-82	15.1	13
64	Emergency reoperation for primary tissue failure of porcine bioprostheses. <i>American Journal of Cardiology</i> , 1987 , 60, 920-1	3	13
63	Influence of prosthetic design on durability of the Liotta porcine valve in the mitral position. <i>Annals of Thoracic Surgery</i> , 1990 , 50, 734-8	2.7	12
62	Antithymocyte globulin induction therapy in heart transplantation: prospective randomized study of high vs standard dosage. <i>Transplantation Proceedings</i> , 2010 , 42, 3679-87	1.1	11
61	Functional mitral regurgitation: a 30-year unresolved surgical journey from valve replacement to complex valve repairs. <i>Heart Failure Reviews</i> , 2014 , 19, 341-58	5	10
60	Dissection of atrial septum after mitral valve replacement. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 1670-2	2.7	10
59	Formaldehyde- versus glutaraldehyde-processed porcine bioprostheses in the aortic valve position: long-term follow-up. <i>American Journal of Cardiology</i> , 1984 , 54, 681-2	3	10
58	The Mosaic Mitral Valve Bioprosthesis: A Long-Term Clinical and Hemodynamic Follow-Up. <i>Texas Heart Institute Journal</i> , 2016 , 43, 13-9	0.8	10
57	Single center experience with the Sorin Bicarbon prosthesis: a 17-year clinical follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2039-44	1.5	9
56	The Hancock pericardial xenograft: incidence of early mechanical failures at a medium-term follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 1988 , 2, 458-64	3	9
55	Transmyocardial laser revascularization 12 years later. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010 , 11, 480-1	1.8	8
54	Influence of myocardial fibrosis on left ventricular hypertrophy in patients with symptomatic severe aortic stenosis. <i>Cardiology</i> , 2011 , 120, 139-45	1.6	8
53	Left atrial myxoma: excision guided by transesophageal cross-sectional echocardiography. <i>International Journal of Cardiology</i> , 1990 , 27, 125-7	3.2	8
52	Influence of type of prosthesis on late results after combined mitral-aortic valve replacement. <i>Annals of Thoracic Surgery</i> , 1991 , 52, 84-91	2.7	8
51	Surgical Treatment of Annuloaortic Ectasia - Replace or Repair?. <i>Aorta</i> , 2017 , 5, 139-147	0.9	7
50	Pulsatile flow decreases gaseous micro-bubble filtering properties of oxygenators without integrated arterial filters during cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 811-7	1.8	7
49	The Sorin freedom stentless pericardial valve: clinical and echocardiographic performance at 10 years. <i>International Journal of Artificial Organs</i> , 2012 , 35, 481-8	1.9	7

48	Transmyocardial laser revascularization using a thoracoscopic approach. <i>American Journal of Cardiology</i> , 1997 , 80, 538-9	3	7
47	Mitral valve replacement with the Hancock, Björk-Shiley and Lillehei-Kaster prostheses. A comparison based on a 15-year follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 1989 , 3, 312-9; discussion 319-20	3	7
46	Increased expression of adenosine triphosphate-sensitive K ⁺ channels in mitral dysfunction: mechanically stimulated transcription and hypoxia-induced protein stability?. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 390-6	15.1	5
45	Gaseous micro-emboli activity during cardiopulmonary bypass in adults: pulsatile flow versus nonpulsatile flow. <i>Artificial Organs</i> , 2013 , 37, 357-67	2.6	5
44	The Meadox-Gabbay pericardial xenograft: failure of the unicus principle. <i>Annals of Thoracic Surgery</i> , 1992 , 54, 952-7; discussion 957-8	2.7	5
43	Late results after resection of discrete and tunnel subaortic stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , 1989 , 3, 235-9; discussion 240	3	5
42	D cells with cytotoxic activity in acute lymphoblastic leukemia. <i>Clinical Immunology and Immunopathology</i> , 1980 , 16, 238-44		5
41	Type A acute aortic dissection with 40-mm aortic root: results of conservative and replacement strategies at long-term follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 1115-1122	3	5
40	Facing the small aortic root in aortic valve replacement: Enlarge or not enlarge?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, e157-e158	1.5	5
39	Effectiveness and Safety of Transcatheter Aortic Valve Implantation in Patients With Pure Aortic Regurgitation and Advanced Heart Failure. <i>American Journal of Cardiology</i> , 2018 , 121, 642-648	3	4
38	The effect of pulsatile cardiopulmonary bypass on lung function in elderly patients. <i>International Journal of Artificial Organs</i> , 2014 , 37, 679-87	1.9	4
37	Does aortic valve disease etiology predict postoperative atrial fibrillation in patients undergoing aortic valve surgery?. <i>Future Cardiology</i> , 2014 , 10, 707-15	1.3	4
36	Bail-out transcatheter aortic valve implantation to reduce severe acute aortic regurgitation in a failing homograft secondary to HeartMate II ventricular assistance device. <i>Cardiovascular Revascularization Medicine</i> , 2014 , 15, 295-7	1.6	4
35	The wrecking ball effect of a right atrial myxoma. <i>European Journal of Cardio-thoracic Surgery</i> , 2000 , 17, 338	3	4
34	Results of simultaneous replacement of one left-sided cardiac valve with a mechanical prosthesis and the other left-sided valve with a bioprosthesis. <i>American Journal of Cardiology</i> , 1988 , 62, 1130-2	3	4
33	Midventricular Takotsubo cardiomyopathy complicated by a ventricular septal rupture: a surgical management. <i>Journal of Cardiovascular Medicine</i> , 2019 , 20, 837-840	1.9	4
32	Use of Pericardium for Cardiac Reconstruction Procedures in Acquired Heart Diseases-A Comprehensive Review. <i>Thoracic and Cardiovascular Surgeon</i> , 2021 , 69, 83-91	1.6	4
31	The Stented Porcine Bioprosthesis: A 50-Year Journey Through Hopes and Realities. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 304-308	2.7	3

30	Valve replacement in children: early and late results. <i>Thoracic and Cardiovascular Surgeon</i> , 1989 , 37, 42-61.6	3	3
29	Extended survival after mitral valve replacement with a Gott-Daggett prosthesis. <i>American Journal of Cardiology</i> , 1984 , 54, 1147	3	3
28	Durability of the Mitroflow Pericardial Prosthesis: Influence of Patient-Prosthesis Mismatch and New Anticalcification Treatment. <i>Thoracic and Cardiovascular Surgeon</i> , 2020 , 68, 131-140	1.6	3
27	Coronary artery disease in patients undergoing transcatheter aortic valve implantation. A single centre registry on prevalence, management and immediate clinical impact. <i>Cor Et Vasa</i> , 2017 , 59, e23-e28.3	0.3	2
26	Aortic Valve Replacement for Aortic Stenosis in Low-, Intermediate-, and High-Risk Patients: Preliminary Results From a Prospective Multicenter Registry. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 2091-2099	2.1	2
25	Impact of failed mitral valve repair on hospital outcome of redo mitral valve procedures. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 906-912	3	2
24	Urgent cardiac surgery in octogenarians. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011 , 43, 90-95	0.9	2
23	Concomitant aortic valve replacement and surgical angioplasty of left main coronary ostium. <i>Thoracic and Cardiovascular Surgeon</i> , 2000 , 48, 105-7	1.6	2
22	Original expectations of the Hancock valve and 20 years of clinical reality. <i>European Journal of Cardio-thoracic Surgery</i> , 1992 , 6, S75-S78	3	2
21	Mode of late failure of the low-profile (Liotta) porcine bioprosthesis in the mitral position. <i>American Journal of Cardiology</i> , 1988 , 62, 1132-4	3	2
20	Repair of Mitral Valve Prolapse Through ePTFE Neochordae: A Finite Element Approach From CMR. <i>Lecture Notes in Applied and Computational Mechanics</i> , 2015 , 117-128	0.3	2
19	Excellent Durability of the Mosaic Porcine Aortic Bioprosthesis at Extended Follow Up. <i>Journal of Heart Valve Disease</i> , 2018 , 27, 97-103		2
18	Modern concepts from old ideas in manufacture of cardiac valve prostheses. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 36, 502-505	0.4	1
17	Transfemoral Edwards-Novaflex valve implantation in a patient with aorto-iliac endoprosthesis and severely tortuous bilateral external iliac arteries-"Railing track". <i>Cardiovascular Revascularization Medicine</i> , 2012 , 13, 203.e5-8	1.6	1
16	Multifactorial stenosis of a porcine aortic valve. <i>American Heart Journal</i> , 1983 , 106, 166-7	4.9	1
15	Optimizing the role of transthoracic echocardiography to improve the cardiovascular risk stratification: the dream of subclinical coronary artery disease detection. <i>Minerva Medica</i> , 2018 , 109, 31-40	2.2	1
14	Mesothelial/monocytic incidental cardiac excrescence in autoimmune disease. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 679-682	1.3	1
13	Dealing with the small aortic annulus: are enlargement procedures obsolete?. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4436	1.3	1

12	Is transfemoral aortic valve implantation possible without contrast medium in patients with renal and multiorgan failure?. <i>Future Cardiology</i> , 2012 , 8, 543-6	1.3	0
11	Diamond Anniversary of Mechanical Cardiac Valve Prostheses: A Tale of Cages, Balls, and Discs. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1427-1433	2.7	0
10	Blood cysts of the cardiac valves in adults: Review and analysis of published cases. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4690-4698	1.3	0
9	Left Ventricular Assist Device Thrombosis: Combined Approach by Echocardiography and Logfiles Review for Diagnosis and Management.. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2022 , 37, 145-152	1.1	0
8	Echo-doppler and invasive evaluation of valvulo-arterial impedance in patients with severe aortic stenosis: impact of pressure recovery. <i>International Journal of Cardiology</i> , 2015 , 179, 49-51	3.2	
7	Totally calcified aneurysm of the ascending aorta and arch in a 26-year-old male. <i>European Journal of Cardio-thoracic Surgery</i> , 1999 , 16, 568	3	
6	Structural changes in ventriculoaortic porcine valved conduit implanted in a child. <i>American Journal of Cardiology</i> , 1983 , 51, 1795-6	3	
5	Deceptive appearance of a rapidly growing left atrial myxoid sarcoma with pancreatic metastasis. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 3176-3178	1.3	
4	Transapical mitral valve-in-valve procedure with elective venoarterial ECMO in a patient with severe kyphoscoliosis. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 3217-3219	1.3	
3	Vincenzo Gallucci: Memories of a Surgeon, Scientist, and Teacher. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 370-375	2.7	
2	Anomalous origin of a grafted left internal mammary artery from the deep brachial artery. <i>European Heart Journal</i> , 2021 , 42, 1182	9.5	
1	Coronary button dehiscence after the modified Bentall procedure. <i>Journal of Cardiac Surgery</i> ,	1.3	