

# Aldo Domenico Milano

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

2,160  
citations

279798

23  
h-index

254184

43  
g-index

106  
all docs

106  
docs citations

106  
times ranked

1874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcific degeneration as the main cause of porcine bioprosthetic valve failure. American Journal of Cardiology, 1984, 53, 1066-1070.	1.6	190
2	Effect of transannular patching on outcome after repair of tetralogy of Fallot. Annals of Thoracic Surgery, 1989, 48, 783-791.	1.3	155
3	Prognostic value of myocardial fibrosis in patients with severe aortic valve stenosis. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 830-837.	0.8	114
4	Surgical excision of intracardiac myxomas: A 20-year follow-up. Annals of Thoracic Surgery, 1990, 49, 449-453.	1.3	104
5	ECMO for COVID-19 patients in Europe and Israel. Intensive Care Medicine, 2021, 47, 344-348.	8.2	84
6	Intravascular hemolysis in patients with new-generation prosthetic heart valves: A prospective study. Journal of Thoracic and Cardiovascular Surgery, 2002, 123, 550-556.	0.8	82
7	Clinical outcome in patients with 19-mm and 21-mm St. Jude aortic prostheses: comparison at long-term follow-up. Annals of Thoracic Surgery, 2002, 73, 37-43.	1.3	79
8	Mitral Valve Repair With Artificial Chordae: A Review of Its History, Technical Details, Long-Term Results, and Pathology. Annals of Thoracic Surgery, 2012, 93, 684-691.	1.3	73
9	Isolated Mitral Valve Replacement with the Hancock Bioprosthesis: A 13-Year Appraisal. Annals of Thoracic Surgery, 1984, 38, 571-578.	1.3	72
10	Fate of coronary ostial anastomoses after the modified Bentall procedure. Annals of Thoracic Surgery, 2003, 75, 1797-1801.	1.3	64
11	Pregnancy in patients with a porcine valve bioprosthesis. American Journal of Cardiology, 1982, 50, 1051-1054.	1.6	60
12	Early Results of Transmyocardial Revascularization With a Holmium Laser. Annals of Thoracic Surgery, 1998, 65, 700-704.	1.3	59
13	Performance of the Hancock Porcine Bioprosthesis Following Aortic Valve Replacement: Considerations Based on a 15-Year Experience. Annals of Thoracic Surgery, 1988, 46, 216-222.	1.3	44
14	Valve-related complications in elderly patients with biological and mechanical aortic valves. Annals of Thoracic Surgery, 1998, 66, S82-S87.	1.3	44
15	Surgical pathology of aortic valve disease *1A study based on 602 specimens. European Journal of Cardio-thoracic Surgery, 1990, 4, 556-560.	1.4	38
16	Surgical Treatment of Postinfarction Left Ventricular Free Wall Rupture. Journal of Cardiac Surgery, 2009, 24, 624-631.	0.7	35
17	Mode of failure of the hancock pericardial valve xenograft. American Journal of Cardiology, 1989, 63, 129-133.	1.6	32
18	Porcine valve durability: A comparison between Hancock standard and Hancock II bioprostheses. Annals of Thoracic Surgery, 1995, 60, S216-S220.	1.3	32

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19	Aortic Valve Replacement With the Medtronic Mosaic Bioprosthesis: A 13-Year Follow-Up. <i>Annals of Thoracic Surgery</i> , 2012, 93, 510-515.	1.3	32
20	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, 1025-1034.	0.8	28
21	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.	0.7	28
22	Hemodynamic performance of stented and stentless aortic bioprostheses. <i>Annals of Thoracic Surgery</i> , 2001, 72, 33-38.	1.3	26
23	Predicting outcome after myocardial revascularization in patients with left ventricular dysfunction. <i>Vascular</i> , 1997, 6, 58-66.	0.5	24
24	Pulsatile cardiopulmonary bypass and renal function in elderly patients undergoing aortic valve surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 291-298.	1.4	24
25	Failure of Hancock pericardial xenografts: Is prophylactic bioprosthetic replacement justified?. <i>Annals of Thoracic Surgery</i> , 1991, 51, 430-437.	1.3	22
26	Symptomatic improvement after transmyocardial laser revascularization: how long does it last?. <i>Annals of Thoracic Surgery</i> , 2000, 70, 1130-1133.	1.3	22
27	Right atrial myxoma originating from the inferior vena cava. <i>Annals of Thoracic Surgery</i> , 1990, 49, 1000-1002.	1.3	21
28	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, 1303-1312.e4.	0.8	21
29	Aortobronchial fistula after coarctation repair and blunt chest trauma. <i>Annals of Thoracic Surgery</i> , 1999, 67, 539-541.	1.3	20
30	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, 500-508.e1.	0.8	19
31	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, 977-983.	0.8	19
32	Severe quadricuspid aortic valve stenosis after mediastinal irradiation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1198-1199.	0.8	18
33	Clinical Evaluation of New Generation Oxygenators With Integrated Arterial Line Filters for Cardiopulmonary Bypass. <i>Artificial Organs</i> , 2012, 36, 875-885.	1.9	18
34	Serial Doppler echocardiographic evaluation of small-sized sorin bicarbon prostheses. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 337-343.	0.8	17
35	Emergency reoperation for primary tissue failure of porcine bioprostheses. <i>American Journal of Cardiology</i> , 1987, 60, 920-921.	1.6	16
36	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, 811-817.	1.1	16

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37	Performance of 21-mm size perimount aortic bioprosthesis in the elderly. <i>Annals of Thoracic Surgery</i> , 2000, 69, 47-50.	1.3	14
38	Functional mitral regurgitation: a 30-year unresolved surgical journey from valve replacement to complex valve repairs. <i>Heart Failure Reviews</i> , 2014, 19, 341-358.	3.9	14
39	Hancock II porcine bioprosthesis: Excellent durability at intermediate-term follow-up. <i>Journal of the American College of Cardiology</i> , 1994, 24, 676-682.	2.8	13
40	The Edwards Prima stentless valve: hemodynamic performance at one year. <i>Annals of Thoracic Surgery</i> , 1999, 68, 2147-2151.	1.3	13
41	Antithymocyte Globulin Induction Therapy in Heart Transplantation: Prospective Randomized Study of High vs Standard Dosage. <i>Transplantation Proceedings</i> , 2010, 42, 3679-3687.	0.6	13
42	The Mosaic Mitral Valve Bioprosthesis: A Long-Term Clinical and Hemodynamic Follow-Up. <i>Texas Heart Institute Journal</i> , 2016, 43, 13-19.	0.3	13
43	Influence of prosthetic design on durability of the liotta porcine valve in the mitral position. <i>Annals of Thoracic Surgery</i> , 1990, 50, 734-738.	1.3	12
44	Influence of Myocardial Fibrosis on Left Ventricular Hypertrophy in Patients with Symptomatic Severe Aortic Stenosis. <i>Cardiology</i> , 2011, 120, 139-145.	1.4	12
45	Efficacy of Pulsatile Flow Perfusion in Adult Cardiac Surgery: Hemodynamic Energy and Vascular Reactivity. <i>Journal of Clinical Medicine</i> , 2021, 10, 5934.	2.4	12
46	Single center experience with the Sorin Bicarbon prosthesis: A 17-year clinical follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2039-2044.	0.8	11
47	Type A acute aortic dissection with a 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.	1.4	11
48	Formaldehyde- versus glutaraldehyde-processed porcine bioprostheses in the aortic valve position: Long-term follow-up. <i>American Journal of Cardiology</i> , 1984, 54, 681-682.	1.6	10
49	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, 458-464.	1.4	10
50	Dissection of atrial septum after mitral valve replacement. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1670-1672.	1.3	10
51	The Effect of Pulsatile Cardiopulmonary Bypass on Lung Function in Elderly Patients. <i>International Journal of Artificial Organs</i> , 2014, 37, 679-687.	1.4	10
52	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.	1.6	10
53	Use of Pericardium for Cardiac Reconstruction Procedures in Acquired Heart Diseases—A Comprehensive Review. <i>Thoracic and Cardiovascular Surgeon</i> , 2021, 69, 083-091.	1.0	10
54	Blood cysts of the cardiac valves in adults: Review and analysis of published cases. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4690-4698.	0.7	10

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55	Late results after resection of discrete and tunnel subaortic stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , 1989, 3, 235-240.	1.4	9
56	Left atrial myxoma: excision guided by transesophageal cross-sectional echocardiography. <i>International Journal of Cardiology</i> , 1990, 27, 125-127.	1.7	9
57	Influence of type of prosthesis on late results after combined mitral-aortic valve replacement. <i>Annals of Thoracic Surgery</i> , 1991, 52, 84-91.	1.3	9
58	Transmyocardial Laser Revascularization Using A Thoracoscopic Approach. <i>American Journal of Cardiology</i> , 1997, 80, 538-539.	1.6	9
59	Diamond Anniversary of Mechanical Cardiac Valve Prostheses: A Tale of Cages, Balls, and Discs. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1427-1433.	1.3	9
60	Mitral valve replacement with the Hancock, Björk-Shiley and Lillehei-Kaster prostheses *1, *2A comparison based on a 15-year follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 1989, 3, 312-320.	1.4	8
61	Transmyocardial laser revascularization 12 years later. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 11, 480-481.	1.1	8
62	Surgical Treatment of Annuloaortic Ectasia – Replace or Repair?. <i>Aorta</i> , 2017, 05, 139-147.	0.5	8
63	The meadox-gabbay pericardial xenograft: Failure of the unicus principle. <i>Annals of Thoracic Surgery</i> , 1992, 54, 952-957.	1.3	7
64	The Sorin Freedom Stentless Pericardial Valve: Clinical and Echocardiographic Performance at 10 years. <i>International Journal of Artificial Organs</i> , 2012, 35, 481-488.	1.4	7
65	Increased Expression of Adenosine Triphosphate-Sensitive K <sup>+</sup> Channels in Mitral Dysfunction. <i>Journal of the American College of Cardiology</i> , 2012, 59, 390-396.	2.8	7
66	Gaseous Micro-Emboli Activity During Cardiopulmonary Bypass in Adults: Pulsatile Flow Versus Nonpulsatile Flow. <i>Artificial Organs</i> , 2013, 37, 357-367.	1.9	7
67	The Stented Porcine Bioprosthesis: A 50-Year Journey Through Hopes and Realities. <i>Annals of Thoracic Surgery</i> , 2019, 108, 304-308.	1.3	7
68	D cells with cytotoxic activity in acute lymphoblastic leukemia. <i>Clinical Immunology and Immunopathology</i> , 1980, 16, 238-244.	2.0	6
69	The wrecking ball effect of a right atrial myxoma. <i>European Journal of Cardio-thoracic Surgery</i> , 2000, 17, 338-338.	1.4	6
70	Midventricular Takotsubo cardiomyopathy complicated by a ventricular septal rupture. <i>Journal of Cardiovascular Medicine</i> , 2019, 20, 837-840.	1.5	6
71	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.	1.0	6
72	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.	1.3	6

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73	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, 295-297.	0.8	5
74	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.	0.8	5
75	The Caged-Ball Prosthesis 60 Years Later: A Historical Review of a Cardiac Surgery Milestone. <i>Texas Heart Institute Journal</i> , 2022, 49, .	0.3	5
76	Extended survival after mitral valve replacement with a gott-daggett prosthesis. <i>American Journal of Cardiology</i> , 1984, 54, 1147.	1.6	4
77	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, 1130-1132.	1.6	4
78	Does aortic valve disease etiology predict postoperative atrial fibrillation in patients undergoing aortic valve surgery?. <i>Future Cardiology</i> , 2014, 10, 707-715.	1.2	4
79	Excellent Durability of the Mosaic Porcine Aortic Bioprosthesis at Extended Follow Up. <i>Journal of Heart Valve Disease</i> , 2018, 27, 97-103.	0.5	4
80	Valve Replacement in Children: Early and Late Results. <i>Thoracic and Cardiovascular Surgeon</i> , 1989, 37, 42-46.	1.0	3
81	Original expectations of the Hancock valve and 20 years of clinical reality. <i>European Journal of Cardio-thoracic Surgery</i> , 1992, 6, S75-S78.	1.4	3
82	Concomitant Aortic Valve Replacement and Surgical Angioplasty of Left Main Coronary Ostium. <i>Thoracic and Cardiovascular Surgeon</i> , 2000, 48, 105-107.	1.0	3
83	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.	0.1	3
84	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.	1.4	3
85	Mode of late failure of the low-profile (Liotta) porcine bioprosthesis in the mitral position. <i>American Journal of Cardiology</i> , 1988, 62, 1132-1134.	1.6	2
86	Urgent cardiac surgery in octogenarians. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011, 43, 90-95.	0.7	2
87	Mesothelial/monocytic incidental cardiac excrescence in autoimmune disease. <i>Journal of Cardiac Surgery</i> , 2020, 35, 679-682.	0.7	2
88	Deceptive appearance of a rapidly growing left atrial myxoid sarcoma with pancreatic metastasis. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3176-3178.	0.7	2
89	Modern concepts from old ideas in manufacture of cardiac valve prostheses. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 36, 502-505.	0.6	2
90	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.	2.2	2

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91	Postoperative Chylothorax Following Repair of Coarctation of the Aorta. Report of a Case with Unusual Clinical Manifestation. <i>Thoracic and Cardiovascular Surgeon</i> , 1982, 30, 319-321.	1.0	1
92	Multifactorial stenosis of a porcine aortic valve. <i>American Heart Journal</i> , 1983, 106, 166-167.	2.7	1
93	Is transfemoral aortic valve implantation possible without contrast medium in patients with renal and multiorgan failure?. <i>Future Cardiology</i> , 2012, 8, 543-546.	1.2	1
94	Transfemoral Edwards-Novaflex valve implantation in a patient with aorto-iliac endoprosthesis and severely tortuous bilateral external iliac arteries-â€œRailing trackâ€œ. <i>Cardiovascular Revascularization Medicine</i> , 2012, 13, 203.e5-203.e8.	0.8	1
95	Dealing with the small aortic annulus: are enlargement procedures obsolete?. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4436-4436.	0.7	1
96	Optimizing the role of transthoracic echocardiography to improve the cardiovascular risk stratification: the dream of subclinical coronary artery disease detection. <i>Minerva Medica</i> , 2017, 109, 31-40.	0.9	1
97	Mitral Arcade Causing Severe Stenosis in an Adult Patient. <i>Heart Lung and Circulation</i> , 2021, , .	0.4	1
98	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.	0.6	1
99	Structural changes in ventriculoaortic porcine valved conduit implanted in a child. <i>American Journal of Cardiology</i> , 1983, 51, 1795-1796.	1.6	0
100	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, 568-568.	1.4	0
101	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.	1.7	0
102	Transapical mitral valveâ€œinâ€œvalve procedure with elective venoarterial ECMO in a patient with severe kyphoscoliosis. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3217-3219.	0.7	0
103	Vincenzo Gallucci: Memories of a Surgeon, Scientist, and Teacher. <i>Annals of Thoracic Surgery</i> , 2021, 111, 370-375.	1.3	0
104	Anomalous origin of a grafted left internal mammary artery from the deep brachial artery. <i>European Heart Journal</i> , 2021, 42, 1182-1182.	2.2	0
105	Novel Technique for Percutaneous Retrieval of a U-kinked Impella Catheter. <i>Annals of Thoracic Surgery</i> , 2022, 113, e311-e313.	1.3	0
106	Coronary button dehiscence after the modified Bentall procedure. <i>Journal of Cardiac Surgery</i> , 0, , .	0.7	0