

# Claudio Muneretto

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

17,573  
citations

136740

32  
h-index

30848

102  
g-index

116  
all docs

116  
docs citations

116  
times ranked

15249  
citing authors

#	ARTICLE	IF	CITATIONS
1	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. European Heart Journal, 2021, 42, 3599-3726.	1.0	5,558
2	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. European Heart Journal, 2020, 41, 407-477.	1.0	4,210
3	2014 ESC Guidelines on diagnosis and management of hypertrophic cardiomyopathy. European Heart Journal, 2014, 35, 2733-2779.	1.0	3,469
4	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. European Journal of Heart Failure, 2022, 24, 4-131.	2.9	820
5	Endovascular Aortic Repair Versus Open Surgical Repair for Descending Thoracic Aortic Disease. Journal of the American College of Cardiology, 2010, 55, 986-1001.	1.2	396
6	Beta-blocker therapy influences the hemodynamic response to inotropic agents in patients with heart failure. Journal of the American College of Cardiology, 2002, 40, 1248-1258.	1.2	220
7	Isolation and culture of human muscle-derived stem cells able to differentiate into myogenic and neurogenic cell lineages. Lancet, The, 2004, 364, 1872-1883.	6.3	172
8	Management of tricuspid valve regurgitation. European Journal of Cardio-thoracic Surgery, 2017, 52, 1022-1030.	0.6	129
9	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Peri-operative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. European Heart Journal, 2017, 38, 2392-2411.	1.0	118
10	Off-pump coronary artery bypass surgery technique for total arterial myocardial revascularization: a prospective randomized study. Annals of Thoracic Surgery, 2003, 76, 778-783.	0.7	111
11	Safety and usefulness of composite grafts for total arterial myocardial revascularization: A prospective randomized evaluation. Journal of Thoracic and Cardiovascular Surgery, 2003, 125, 826-835.	0.4	104
12	Different impact of sex on baseline characteristics and major periprocedural outcomes of transcatheter and surgical aortic valve interventions: Results of the multicenter Italian OBSERVANT Registry. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1529-1539.	0.4	92
13	Durable staged hybrid ablation with thoracoscopic and percutaneous approach for treatment of long-standing atrial fibrillation: A 30-month assessment with continuous monitoring. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 1460-1465.	0.4	88
14	Hybrid approach for the treatment of long-standing persistent atrial fibrillation: electrophysiological findings and clinical results. European Journal of Cardio-thoracic Surgery, 2013, 44, 919-923.	0.6	81
15	The management of secondary mitral regurgitation in patients with heart failure: a joint position statement from the Heart Failure Association (HFA), European Association of Cardiovascular Imaging (EACVI), European Heart Rhythm Association (EHRA), and European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC and the European Association for Cardio-Thoracic Surgery (EACTS). European Journal of Cardio-thoracic Surgery, 2021, 59, 65-73.	1.0	78
16	Current options and recommendations for the use of thoracic endovascular aortic repair in acute and chronic thoracic aortic disease: an expert consensus document of the European Society for Cardiology (ESC) Working Group of Cardiovascular Surgery, the ESC Working Group on Aorta and Peripheral Vascular Diseases, the European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC and the European Association for Cardio-Thoracic Surgery (EACTS). European Journal of Cardio-thoracic Surgery, 2021, 59, 65-73.	0.6	76
17	Surgical and interventional management of mitral valve regurgitation: a position statement from the European Society of Cardiology Working Groups on Cardiovascular Surgery and Valvular Heart Disease. European Heart Journal, 2016, 37, 133-139.	1.0	75
18	Left internal thoracic artery-radial artery composite grafts as the technique of choice for myocardial revascularization in elderly patients: a prospective randomized evaluation. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 179-184.	0.4	72

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19	Treating the patients in the "grey-zone"™ with aortic valve disease: a comparison among conventional surgery, sutureless valves and transcatheter aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 90-95.	0.5	72
20	A comparison of conventional surgery, transcatheter aortic valve replacement, and sutureless valves in "real-world" patients with aortic stenosis and intermediate- to high-risk profile. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1570-1579.	0.4	72
21	Radial artery patency: are aortocoronary conduits superior to composite grafting?. <i>Annals of Thoracic Surgery</i> , 2003, 76, 1498-1504.	0.7	66
22	Total Arterial Myocardial Revascularization With Composite Grafts Improves Results of Coronary Surgery in Elderly: A Prospective Randomized Comparison With Conventional Coronary Artery Bypass Surgery. <i>Circulation</i> , 2003, 108, 2911-33.	1.6	64
23	Hybrid revascularization in multivessel coronary artery disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 288-294.	0.6	56
24	Sutureless versus conventional bioprostheses for aortic valve replacement in severe symptomatic aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 920-932.	0.4	55
25	Human iPSC modelling of a familial form of atrial fibrillation reveals a gain of function of If and ICaL in patient-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2020, 116, 1147-1160.	1.8	50
26	Prospective evaluation of a new sternal closure method with thermoreactive clips. <i>European Journal of Cardio-thoracic Surgery</i> , 2002, 22, 571-575.	0.6	48
27	Pericardial Stentless Valve for Aortic Valve Replacement: Long-Term Results. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1956-1965.	0.7	42
28	Guía ESC 2021 sobre el diagnóstico y tratamiento de la insuficiencia cardiaca aguda y crónica. <i>Revista Espanola De Cardiologia</i> , 2022, 75, 523.e1-523.e114.	0.6	40
29	Successful Treatment of Lone Persistent Atrial Fibrillation by Means of a Hybrid Thoracoscopic-Transcatheter Approach. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012, 7, 254-258.	0.4	39
30	EACTS/ESCVS best practice guidelines for reporting treatment results in the thoracic aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 927-930.	0.6	36
31	Minimally invasive coronary artery bypass: Twenty-year experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 127-138.e1.	0.4	34
32	Possible role of F18-FDG-PET/CT in the diagnosis of endocarditis: preliminary evidence from a review of the literature. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 1417-1425.	0.7	33
33	Human Herpesvirus 6 Infects and Replicates in Aortic Endothelium. <i>Journal of Clinical Microbiology</i> , 2000, 38, 3135-3136.	1.8	33
34	Mechanical support: Assist or nemesis?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989, 98, 915-921.	0.4	30
35	Total artificial heart: Survival and complications. <i>Annals of Thoracic Surgery</i> , 1989, 47, 151-157.	0.7	30
36	Hybrid Minimally Invasive Approach for Transvenous Lead Extraction: A Feasible Technique in High-Risk Patients. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 466-473.	0.8	29

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37	Factors affecting survival after heterotopic heart transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989, 98, 928-934.	0.4	24
38	Thoracoscopic epicardial pulmonary vein ablation for lone paroxysmal atrial fibrillation. <i>Europace</i> , 2005, 7, 145-148.	0.7	24
39	Clinical evaluation of St Jude Medical Hemodynamic Plus versus standard aortic valve prostheses: The Italian multicenter, prospective, randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 122, 691-698.	0.4	22
40	Platelet reduction after stentless pericardial aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 14, 434-438.	0.5	22
41	European prospective multicentre study of hybrid thoracoscopic and transcatheter ablation of persistent atrial fibrillation: the HISTORIC-AF trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 740-745.	0.6	22
42	Sutureless versus transcatheter aortic valves in elderly patients with aortic stenosis at intermediate risk: A multi-institutional study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , .	0.4	21
43	Heart-lung transplantation in situs inversus. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992, 103, 307-313.	0.4	21
44	The Need of a Hybrid Approach for the Treatment of Atrial Fibrillation. <i>Heart Surgery Forum</i> , 2005, 8, E326-E330.	0.2	21
45	Is total arterial myocardial revascularization with composite grafts a safe and useful procedure in the elderly? <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 23, 657-664.	0.6	20
46	Adult human heart microvascular endothelial cells are permissive for non-lytic infection by human cytomegalovirus. <i>Cardiovascular Research</i> , 2001, 49, 440-448.	1.8	19
47	Two-dimensional echocardiography in the diagnosis of intracardiac masses: A prospective study with anatomic validation. <i>CardioVascular and Interventional Radiology</i> , 1987, 10, 157-161.	0.9	18
48	Prognostic Indices of Survival in Patients Supported with Temporary Devices (Tah, Vad). <i>International Journal of Artificial Organs</i> , 1991, 14, 280-285.	0.7	17
49	Human adult skeletal muscle stem cells differentiate into cardiomyocyte phenotype in vitro. <i>Experimental Cell Research</i> , 2008, 314, 366-376.	1.2	17
50	Results of minimally invasive, video-assisted mitral valve repair in advanced Barlow's disease with bileaflet prolapse. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 46-51.	0.6	16
51	Five-Year Clinical Outcome of Endoscopic Versus Open Radial Artery Harvesting: A Propensity Score Analysis. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1253-1259.	0.7	16
52	Early hemodynamics and clinical outcomes of isolated aortic valve replacement with stentless or transcatheter valve in intermediate-risk patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 549-558.e3.	0.4	16
53	The flaws in the detail of an observational study on transcatheter aortic valve implantation versus surgical aortic valve replacement in intermediate-risks patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 1031-1035.	0.6	16
54	Clinical cases referring to current options and recommendations for the use of thoracic endovascular aortic repair in acute and chronic thoracic aortic disease: an expert consensus document of the European Society for Cardiology (ESC) Working Group of Cardiovascular Surgery, the ESC Working Group on Aorta and Peripheral Vascular Diseases, the European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC and the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 74-79.	0.6	16

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55	Innovative Monolateral Approach for Closed-Chest Atrial Fibrillation Surgery. <i>Annals of Thoracic Surgery</i> , 2005, 80, e22-e25.	0.7	15
56	Demand dynamic cardiomyoplasty: mechanograms prove incomplete transformation of the rested latissimus dorsi. <i>Annals of Thoracic Surgery</i> , 2000, 70, 67-73.	0.7	14
57	Hybrid Coronary Revascularization in 100 Patients With Multivessel Coronary Disease. <i>Annals of Thoracic Surgery</i> , 2014, 98, 574-581.	0.7	14
58	Valve-sparing aortic root replacement in a patient with a rare connective tissue disorder: Arterial tortuosity syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 252-253.e2.	0.4	13
59	Total arterial grafting is associated with improved clinical outcomes compared to conventional myocardial revascularization at 10 years follow-up. <i>Heart and Vessels</i> , 2017, 32, 109-116.	0.5	12
60	Improved Outcomes of Total Arterial Myocardial Revascularization in Elderly Patients at Long-Term Follow-Up: A Propensity-Matched Analysis. <i>Annals of Thoracic Surgery</i> , 2017, 103, 517-525.	0.7	12
61	Transesophageal Investigation of Surgically Ligated Left Atrial Appendage. <i>Echocardiography</i> , 2004, 21, 617-619.	0.3	10
62	Clinical application and patient selection in the use of a total artificial heart as a bridge for transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 1988, 2, 65-71.	0.6	9
63	Orthotopic transplantation after implantation of a Jarvik 7 total artificial heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989, 97, 342-350.	0.4	9
64	Preoperative risk analysis in patients receiving Jarvik-7 artificial heart as a bridge to transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 1991, 5, 509-514.	0.6	9
65	The Bicircuit System: Innovative Perfusional Options for Surgical Treatment of the Thoracic Aorta. <i>Annals of Thoracic Surgery</i> , 2005, 79, 678-680.	0.7	9
66	Hybrid coronary revascularization versus percutaneous strategies in left main stenosis: a propensity match study. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 253-260.	0.6	9
67	Postimplant biological aortic prosthesis degeneration: challenges in transcatheter valve implants. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 191-200.	0.6	9
68	Long-Term Outcome of Total Arterial Myocardial Revascularization Versus Conventional Coronary Artery Bypass in Diabetic and Non-Diabetic Patients: A Propensity-Match Analysis. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 580-587.	0.3	9
69	Impact of the coronavirus disease 2019 (COVID-19) pandemic on the care of patients with acute and chronic aortic conditions. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1096-1102.	0.6	9
70	Endoscopic saphenous vein and radial harvest. <i>Current Opinion in Cardiology</i> , 2015, 30, 624-628.	0.8	8
71	A quadricuspid aortic valve associated with severe aortic regurgitation and left ventricular systolic dysfunction. <i>European Heart Journal Cardiovascular Imaging</i> , 2009, 10, 724-725.	0.5	7
72	Chest Blunt Trauma: An Uncommon Cause of Aortic Stentless Bioprosthesis Dysfunction. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1094-1096.	0.7	7

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73	Epicardial, Biatrial Ablation with Integrated Uni-Bipolar Radiofrequency Technology in Stand-Alone Persistent Atrial Fibrillation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 114-119.	0.4	7
74	Long-term follow-up of total arterial versus conventional and hybrid myocardial revascularization: A propensity score matched analysis. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 22-28.	0.3	7
75	Endoscopic vessel harvesting. <i>Current Opinion in Cardiology</i> , 2013, 28, 666-670.	0.8	6
76	Current Evidence and Insights about Genetics in Thoracic Aorta Disease. <i>Scientific World Journal</i> , The, 2013, 2013, 1-5.	0.8	5
77	Is the Freedom SOLO Stentless Bioprosthesis a Useful Tool for Patients with Aortic Endocarditis and Aortic Annular Destruction?. <i>Thoracic and Cardiovascular Surgeon</i> , 2019, 67, 644-651.	0.4	5
78	A multicentre roadmap to restart elective cardiac surgery after COVID-19 peak in an Italian epicenter. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3308-3316.	0.3	5
79	Surgical Treatment of Lone Atrial Fibrillation in an Awake Patient. <i>Heart Surgery Forum</i> , 2005, 8, E158-E160.	0.2	5
80	Sequential Hybrid Ablation for Persistent Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2012, 94, 689-690.	0.7	4
81	Letter by Bisleri and Muneretto Regarding Article, "Saphenous Vein Graft Failure After Coronary Artery Bypass Surgery: Insights From PREVENT IV". <i>Circulation</i> , 2015, 132, e28.	1.6	4
82	First-in-Man, Mitral Valve-in-Valve Transcatheter Implantation Through an Innovative Minimally Invasive Surgical Approach. <i>Annals of Thoracic Surgery</i> , 2015, 100, 713-715.	0.7	4
83	Separation of mediastinal shed blood during aortic valve surgery elicits a reduced inflammatory response. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 62-68.	0.6	4
84	Thoracoscopic Implantation of An Array Electrode in the Pericardium Transverse Sinus to Reduce Defibrillation Threshold. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, e6-e9.	0.4	4
85	Stentless sutureless and transcatheter valves: a comparison of the hemodynamic performance of different prostheses concept. <i>Minerva Cardiology and Angiology</i> , 2018, 66, 180-190.	0.4	4
86	Sutureless aortic valves in elderly patients with aortic stenosis and intermediate-risk profile. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 297-304.	0.6	4
87	Y grafting for coronary artery bypass: is it as good as single grafting?. <i>Current Opinion in Cardiology</i> , 2009, 24, 553-558.	0.8	3
88	Endoscopic radial artery harvesting. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2009, 2009, mmcts.2008.003780.	0.5	3
89	Thrombocytopenia After Sorin Freedom Solo Valve Implant. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1307.	0.7	3
90	eComment. Hybrid treatment of lone-standing atrial fibrillation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 14, 451-451.	0.5	3

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91	Nanoscale Radiofrequency Control Technology for Endoscopic Radial Artery Harvesting: A Case Report. Heart Surgery Forum, 2006, 9, E700-E702.	0.2	3
92	Improved graft patency rates and mid-term outcome of diabetic patients undergoing total arterial myocardial revascularization. Heart International, 2006, 2, 136.	0.4	3
93	Parasternal Wire Technique and Sternal Dehiscence. Annals of Thoracic Surgery, 2005, 79, 1096-1097.	0.7	2
94	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.	1.2	2
95	Minimally Invasive Surgical Placement of Left Ventricular Epicardial Lead: Letter 1. Annals of Thoracic Surgery, 2006, 81, 407.	0.7	2
96	Improved Graft Patency Rates and Mid-Term Outcome of Diabetic Patients Undergoing Total Arterial Myocardial Revascularization. Heart International, 2006, 2, 182618680600200.	0.4	1
97	Epicardial, Biatrial Ablation with Integrated Uni-Bipolar Radiofrequency Technology in Stand-Alone Persistent Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 114-119.	0.4	1
98	Reply from authors: The truth lies: Transcatheter aortic valve implantation trials on patients at intermediate risk. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, e240-e241.	0.4	1
99	Surgical treatment of mediastinitis: The vertical bolstered Donati stitch. , 2021, 2021, .		1
100	Thoracoscopic Implantation of An Array Electrode in the Pericardium Transverse Sinus to Reduce Defibrillation Threshold. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2017, 12, e6-e9.	0.4	1
101	Successful Treatment of Lone Persistent Atrial Fibrillation by Means of a Hybrid Thoracoscopic-Transcatheter Approach. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2012, 7, 254-258.	0.4	1
102	Abdominal Heart Transplantation:Description of a New Allograft Extrathoracic Pump. European Surgical Research, 1986, 18, 65-68.	0.6	0
103	Epidural anesthesia for coronary artery bypass surgery?. European Journal of Cardio-thoracic Surgery, 2004, 26, 1228-1229.	0.6	0
104	Carpentier-Edwards Perimount valve and intraoperative structural failure. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 795.	0.4	0
105	Giant mature teratoma of the pericardium. European Journal of Cardio-thoracic Surgery, 2007, 32, 660-660.	0.6	0
106	Endoscopic Radial Artery Harvesting With a Novel Vessel Sealing System. Annals of Thoracic Surgery, 2007, 83, 1580-1581.	0.7	0
107	Modified perfusion technique for patients with renal cell carcinoma infiltrating the inferior vena cava. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, e42-e44.	0.4	0
108	Sternal Oozing Following Cardiac Surgery: Unusual Presentations of Left Ventricular Patch Dehiscence. Journal of Cardiac Surgery, 2011, 26, 71-71.	0.3	0

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109	Detrimental impact of endoscopic vein harvesting: A word of caution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 481.	0.4	0
110	Three-step open and hybrid surgical treatment for contained rupture of De Bakey Type 3 thoracoabdominal aortic dissection. <i>Journal of Cardiovascular Medicine</i> , 2015, 16, 852-856.	0.6	0
111	The ESC Working Group Cardiovascular Surgery. <i>European Heart Journal</i> , 2020, 41, 2421-2422.	1.0	0
112	Watchful waiting in an unusual cause of hypoxemia after implantable cardioverter-defibrillator lead extraction. <i>Annals of Cardiac Anaesthesia</i> , 2019, 22, 109.	0.3	0
113	Hybrid Therapy for Atrial Fibrillation: where the Knife meets the Catheter. <i>Journal of Atrial Fibrillation</i> , 2013, 6, 775.	0.5	0