Marco Agrifoglio

List of Publications by Year
in descending order

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87	1,626	304368	315357
papers	citations	22 h-index	38 g-index

91	91	91	2457
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microembolization During Carotid Artery Stenting in Patients With High-Risk, Lipid-Rich Plaque. Journal of the American College of Cardiology, 2011, 58, 1656-1663.	1.2	181
2	Systemic Inflammation After On-Pump and Off-Pump Coronary Bypass Surgery: A One-Month Follow-Up. Annals of Thoracic Surgery, 2007, 84, 823-828.	0.7	102
3	Meta-Analysis of Randomized Trials Comparing Off-Pump With On-Pump Coronary Artery Bypass Graft Patency. Annals of Thoracic Surgery, 2005, 80, 2121-2125.	0.7	98
4	C-kit+ cardiac progenitors exhibit mesenchymal markers and preferential cardiovascular commitment. Cardiovascular Research, 2011, 89, 362-373.	1.8	77
5	Endovascular treatment of a post-traumatic tibial pseudoaneurysm and arteriovenous fistula: Case report and review of the literature. Journal of Vascular Surgery, 2007, 45, 1076-1079.	0.6	67
6	Quick, simple clamping technique in descending thoracic aortic aneurysm repair. Annals of Thoracic Surgery, 1999, 67, 1038-1043.	0.7	55
7	Aneurysms of the Coronary Arteries: One Case Report. Thoracic and Cardiovascular Surgeon, 1988, 36, 239-240.	0.4	54
8	Preoperative Assessment of the Radial Artery for Coronary Artery Bypass Grafting: Is the Clinical Allen Test Adequate?. Annals of Thoracic Surgery, 2005, 79, 570-572.	0.7	54
9	Which is the best antiaggregant or anticoagulant therapy after TAVI? A propensity-matched analysis from the ITER registry. The management of DAPT after TAVI. EuroIntervention, 2017, 13, e1392-e1400.	1.4	49
10	Medium Term Outcomes of Transapical Aortic Valve Implantation: Results From the Italian Registry of Trans-Apical Aortic Valve Implantation. Annals of Thoracic Surgery, 2013, 96, 830-836.	0.7	48
11	The TRIBECA study: (TRI)fecta (B)ioprosthesis (E)valuation versus (C)arpentier Magna-Ease in (A)ortic position. European Journal of Cardio-thoracic Surgery, 2016, 49, 478-485.	0.6	47
12	The rise of new technologies for aortic valve stenosis: A comparison of sutureless and transcatheter aortic valve implantation. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 99-109.e2.	0.4	45
13	CT angiography prior to TAVI procedure using third-generation scanner with wide volume coverage: feasibility, renal safety and diagnostic accuracy for coronary tree. British Journal of Radiology, 2018, 91, 20180196.	1.0	40
14	Early and mid-term outcomes of 1904 patients undergoing transcatheter balloon-expandable valve implantation in Italy: results from the Italian Transcatheter Balloon-Expandable Valve Implantation Registry (ITER). European Journal of Cardio-thoracic Surgery, 2016, 50, 1139-1148.	0.6	32
15	Determinants of Early and Late Outcome after Surgery for Type A Aortic Dissection. World Journal of Surgery, 2001, 25, 1500-1506.	0.8	31
16	Activation of human aortic valve interstitial cells by local stiffness involves YAP-dependent transcriptional signaling. Biomaterials, 2018, 181, 268-279.	5.7	31
17	Adult cardiac surgery outcomes: role of the pump type. European Journal of Cardio-thoracic Surgery, 2000, 18, 575-582.	0.6	29
18	Transcatheter Aortic Valve Implantation in Patients With Advanced Chronic Kidney Disease. American Journal of Cardiology, 2017, 119, 1438-1442.	0.7	29

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19	Matched Comparison of Self-Expanding Transcatheter Heart Valves for the Treatment of Failed Aortic Surgical Bioprosthesis. Circulation: Cardiovascular Interventions, 2017, 10, .	1.4	28
20	The role of tissue factor and P-selectin in the procoagulant response that occurs in the first month after on-pump and off-pump coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 1561-1566.e2.	0.4	27
21	Adventitial Vessel Growth and Progenitor Cells Activation in an Ex Vivo Culture System Mimicking Human Saphenous Vein Wall Strain after Coronary Artery Bypass Grafting. PLoS ONE, 2015, 10, e0117409.	1.1	26
22	Patient profile modulates cardiac c-kit+ progenitor cell availability and amplification potential. Translational Research, 2012, 160, 363-373.	2.2	25
23	On- and off-pump coronary surgery and perioperative myocardial infarction: an issue between incomplete and extensive revascularization. European Journal of Cardio-thoracic Surgery, 2008, 34, 118-126.	0.6	24
24	Determinants of pericardial drainage for cardiac tamponade following cardiac surgery. European Journal of Cardio-thoracic Surgery, 2011, 39, e107-e113.	0.6	23
25	Coronary artery mechanics induces human saphenous vein remodelling via recruitment of adventitial myofibroblast-like cells mediated by Thrombospondin-1. Theranostics, 2020, 10, 2597-2611.	4.6	23
26	Incidence and severity of atherosclerotic cardiovascular artery disease in patients undergoing TAVI. International Journal of Cardiovascular Imaging, 2015, 31, 975-985.	0.7	22
27	A compact and automatedex vivovessel culture system for the pulsatile pressure conditioning of human saphenous veins. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, E204-E215.	1.3	22
28	Double vs single internal thoracic artery harvesting in diabetic patients: role in perioperative infection rate. Journal of Cardiothoracic Surgery, 2008, 3, 35.	0.4	20
29	Five-year echocardiographic follow-up after TAVI: structural and functional changes of a balloon-expandable prosthetic aortic valve. European Heart Journal Cardiovascular Imaging, 2018, 19, 389-397.	0.5	20
30	Full Mimicking of Coronary Hemodynamics for Ex-Vivo Stimulation of Human Saphenous Veins. Annals of Biomedical Engineering, 2017, 45, 884-897.	1.3	19
31	Early and Late Results of Ascending Aorta Surgery: Risk Factors for Early and Late Outcome. World Journal of Surgery, 1997, 21, 590-598.	0.8	18
32	Results of surgical aortic valve replacement and transapical transcatheter aortic valve replacement in patients with previous coronary artery bypass grafting. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 806-812.	0.5	18
33	Does pre-existing aortic regurgitation protect from death in patients who develop paravalvular leak after TAVI?. International Journal of Cardiology, 2017, 233, 52-60.	0.8	18
34	Endovascular Repair of Iatrogenic Subclavian Artery Perforations Using the Hemobahn Stent-Graft. Journal of Endovascular Therapy, 2001, 8, 417-421.	0.8	18
35	False hydatic aneurysm of the thoracic aorta. Annals of Thoracic Surgery, 1995, 59, 524-525.	0.7	15
36	Aortic Dissection Complicating Intraaortic Balloon Pumping: Percutaneous Management of Delayed Spinal Cord Ischemia. Annals of Thoracic Surgery, 2009, 88, e60-e62.	0.7	15

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37	When does transapical aortic valve replacement become a futile procedure? An analysis from a national registry. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 973-980.	0.4	13
38	Acrylate-based materials for heart valve scaffold engineering. Biomaterials Science, 2018, 6, 154-167.	2.6	12
39	Predictive ability of the CHADS₂and CHA₂DS₂-VASc scores for stroke after transcatheter aortic balloon-expandable valve implantation: an Italian Transcatheter Balloon-Expandable Valve Implantation Registry (ITER) sub-analysis. European Journal of Cardio-thoracic Surgery, 2016, 50, 867-873.	0.6	11
40	Incidence of stent fractures and patency after femoropopliteal stenting with the nitinol self-expandable SMART stent: a single-center study. Journal of Cardiovascular Medicine, 2010, 11, 678-682.	0.6	10
41	Early and Midterm Clinical and Hemodynamic Outcomes of Transcatheter Valve-in-Valve Implantation: Results From a Multicenter Experience. Annals of Thoracic Surgery, 2016, 102, 1966-1973.	0.7	10
42	Human Saphenous Vein Response to Trans-wall Oxygen Gradients in a Novel Ex Vivo Conditioning Platform. Annals of Biomedical Engineering, 2016, 44, 1449-1461.	1.3	10
43	Transapical aortic valve replacement is a safe option in patients with poor left ventricular ejection fraction: results from the Italian Transcatheter Balloon-Expandable Registry (ITER)â€. European Journal of Cardio-thoracic Surgery, 2017, 52, 874-880.	0.6	9
44	Sutureless patch-and-glue technique for the repair of coronary sinus injuries. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 522-523.	0.4	8
45	Composite graft using an Edwards Intuity Elite rapid deployment bioprosthesis for aortic root replacement. Journal of Cardiac Surgery, 2017, 32, 193-195.	0.3	8
46	Composite valve graft replacement of the ascending aorta and the aortic valve by a modified button technique: the influence of aortic pathology on early mortality and late survival. European Journal of Cardio-thoracic Surgery, 1995, 9, 483-490.	0.6	6
47	Distinct roles for PAR1- and PAR2-mediated vasomotor modulation in human arterial and venous conduits. Journal of Thrombosis and Haemostasis, 2007, 5, 174-180.	1.9	6
48	Conservative management of the pseudoaneurysms of ascending aortic graft. Journal of Cardiovascular Medicine, 2011, 12, 586-588.	0.6	6
49	O-Î²-N-acetyl-D-glucosaminidase in erythrocytes of Italian air force acrobatic pilots. Clinical Chemistry and Laboratory Medicine, 2010, 48, 213-6.	1.4	5
50	Penetrating atherosclerotic ulcer of the ascending aorta. Journal of Cardiovascular Medicine, 2011, 12, 671-672.	0.6	5
51	Nonembolic Predictors of Stroke Risk in Coronary Artery Bypass Patients. World Journal of Surgery, 1999, 23, 657-663.	0.8	4
52	Left Common Carotid Artery as Inflow Site in Coronary Artery Bypass Grafting. Annals of Thoracic Surgery, 2006, 82, 2298-2300.	0.7	3
53	Recycling thoracic arteries for redo coronary artery bypass grafting: Long-term follow-up. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 233-235.	0.4	3
54	An occasional diagnosis of myasthenia gravis - a focus on thymus during cardiac surgery: a case report. Journal of Cardiothoracic Surgery, 2009, 4, 55.	0.4	3

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55	Retrograde type A aortic dissection from a distal aortic arch stent graft. Journal of Cardiac Surgery, 2017, 32, 708-709.	0.3	3
56	A Short Report on Single Stage Transcatheter Aortic Valve Replacement and Carotid Stenting. The Thoracic and Cardiovascular Surgeon Reports, 2017, 06, e37-e39.	0.1	3
57	Ascending aorta pseudo-aneurysm due to proximal and distal suture dehiscence. Journal of Cardiac Surgery, 2018, 33, 450-452.	0.3	3
58	Systemic to Pulmonary Bronchial Blood Flow in Mitral Stenosis*. Chest, 1991, 99, 642-645.	0.4	2
59	The Allen test is not adequate enough for the screening of hand circulation. European Journal of Cardio-thoracic Surgery, 2008, 33, 754-754.	0.6	2
60	Non infective severe aortic paravalvular leakage 7 years after surgery: the role of suture technique. Journal of Cardiothoracic Surgery, 2011, 6, 60.	0.4	2
61	Migration of endovascular stent to the right atrium in dialysis patient. Asian Cardiovascular and Thoracic Annals, 2012, 20, 608-609.	0.2	2
62	Saphenous Vein Cannulation in Re-Redo Cardiac Surgery. Journal of Cardiac Surgery, 2012, 27, 676-677.	0.3	2
63	Coronary artery disease associated with severe mitral and tricuspid valve regurgitation after left pneumonectomy: report of a successful hybrid procedure. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 318-320.	0.5	2
64	Severe Tricuspid Regurgitation After Percutaneous Removal of a Swan-Ganz Catheter Caught by Suture. Annals of Thoracic Surgery, 2017, 104, e225-e226.	0.7	2
65	Superficial femoral artery access for transcatheter aortic valve replacement. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, 150-152.	0.5	2
66	Favorable outcome of mechanical support for iatrogenic aortic dissection. Asian Cardiovascular and Thoracic Annals, 2019, 27, 55-57.	0.2	2
67	Long-term secondary cardiovascular prevention programme in patients subjected to coronary artery bypass surgery. European Journal of Preventive Cardiology, 2020, , .	0.8	2
68	In situ right internal thoracic artery is usually long enough for grafting the circumflex artery through the transverse sinus. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 731-732.	0.4	1
69	Mycotic Ascending Aortic Pseudoaneurysm following Reduction Aortoplasty. Journal of Cardiac Surgery, 2011, 26, 100-101.	0.3	1
70	Ruptured unknown Stanford Type A aortic dissection with huge mediastinic emathoma mimicking pulmonary embolism. European Heart Journal Cardiovascular Imaging, 2014, 15, 710-710.	0.5	1
71	Cavoâ€Atrial Metastases from Cutaneous Melanoma. Journal of Cardiac Surgery, 2014, 29, 795-796.	0.3	1
72	Huge Left Atrial Myxoma and Concomitant Silent Coronary Artery Disease in a Young Man. Open Journal of Cardiovascular Surgery, 2016, 8, OJCS.S40085.	0.6	1

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73	Undiagnosed Stanford type A aortic dissection: a rare survival report. International Journal of Cardiovascular Imaging, 2016, 32, 659-660.	0.7	1
74	Postdilatation ballooning of an Edwards ELITE rapid deployment bioprosthesis for a severe paravalvular leak. Journal of Cardiac Surgery, 2016, 31, 515-516.	0.3	1
75	Repair of a pseudoaneurysm following a Yacoub procedure. Journal of Cardiac Surgery, 2018, 33, 133-134.	0.3	1
76	Undiagnosed mitroflow bioprosthesis deformation causing early structural valve deterioration. General Thoracic and Cardiovascular Surgery, 2018, 66, 543-545.	0.4	1
77	Late thrombosis of a Transcatheter aortic valve: the border between a proactive and reactive management. Journal of Cardiothoracic Surgery, 2018, 13, 126.	0.4	1
78	Giant circumflex coronary artery aneurysm presenting as an intra-pericardial mass. Journal of Cardiac Surgery, 2018, 33, 744-745.	0.3	1
79	TAVI-in-homograft (TiH): open transcatheter aortic valve replacement in calcified aortic homograft case reports. Journal of Cardiothoracic Surgery, 2019, 14, 208.	0.4	1
80	Endovascular Treatment of Abdominal Aortic Aneurysm After Previous Left Pneumonectomy: A Sound Choice. Annals of Vascular Surgery, 2011, 25, 556.e7-556.e10.	0.4	0
81	Expanding extrapleural hematoma from rib fractures after cardiac surgery. Asian Cardiovascular and Thoracic Annals, 2013, 21, 366-368.	0.2	0
82	TCT-709 Early and Mid-term Outcomes Of 1904 Patients Undergoing Transcatheter Balloon-Expandable Valve Implantation: results the ITER Registry. Journal of the American College of Cardiology, 2014, 64, B208.	1.2	0
83	Late mitral paravalvular leak. Journal of Cardiac Surgery, 2016, 31, 533-534.	0.3	0
84	Emergent redo surgery for double self-expanding valve migration during transcatheter implantation. Journal of Cardiac Surgery, 2017, 32, 648-649.	0.3	0
85	Penetrating atherosclerotic ulcer of the ascending aorta. Journal of Cardiac Surgery, 2018, 33, 751-752.	0.3	0
86	Lower limb ischemia management in acute Stanford type A aortic dissection. Journal of Cardiovascular Surgery, 2018, 59, 297-299.	0.3	0
87	Hegarâ€“based method for aortic valve replacement in multiple valve surgery. Journal of Cardiothoracic Surgery, 2018, 13, 49.	0.4	0