Andrea Mangini

List of Publications by Year
in descending order

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32	580	566801 15	610482 24
papers	citations	h-index	g-index

32	32	32	641
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcatheter Edge-to-Edge Treatment ofÂFunctional Tricuspid Regurgitation inÂanÂExÂVivo Pulsatile Heart Model. Journal of the American College of Cardiology, 2016, 68, 1024-1033.	1.2	79
2	Do cardiac stabilizers really stabilize? Experimental quantitative analysis of mechanical stabilization. Interactive Cardiovascular and Thoracic Surgery, 2005, 4, 222-226.	0.5	51
3	Aortic root performance after valve sparing procedure: A comparative finite element analysis. Medical Engineering and Physics, 2009, 31, 234-243.	0.8	50
4	In vitro comparison of three techniques for ventriculo-aortic junction annuloplasty. European Journal of Cardio-thoracic Surgery, 2012, 41, 1117-1124.	0.6	43
5	Is it better to use the radial artery as a composite graft? Clinical and angiographic results of aorto-coronary versus Y-graft1. European Journal of Cardio-thoracic Surgery, 2004, 26, 110-117.	0.6	40
6	Myocardial revascularization with multiple arterial grafts: comparison between the radial artery and the right internal thoracic artery. Annals of Thoracic Surgery, 2001, 71, 1969-1973.	0.7	35
7	Assessment of an aortosaphenous vein graft anastomotic device in coronary surgery. Annals of Thoracic Surgery, 2002, 74, 2101-2105.	0.7	32
8	A Novel Approach to the In Vitro Hydrodynamic Study of the Aortic Valve: Mock Loop Development and Test. ASAIO Journal, 2010, 56, 279-284.	0.9	28
9	Surgical treatment of left ventricular post-infarction aneurysm with endoventriculoplasty: late clinical and functional results1. European Journal of Cardio-thoracic Surgery, 1999, 15, 413-418.	0.6	26
10	A geometric approach to aortic root surgical anatomy. European Journal of Cardio-thoracic Surgery, 2016, 49, 93-100.	0.6	23
11	Mitral valve repair for anterior leaflet papillary fibroelastoma: two case descriptions and a literature review. European Journal of Cardio-thoracic Surgery, 1999, 15, 103-107.	0.6	21
12	Comparison of the Performance of a Sutureless Bioprosthesis With Two Pericardial Stented Valves on Small Annuli: An InÂVitro Study. Annals of Thoracic Surgery, 2017, 103, 139-144.	0.7	20
13	Flow dynamics and wall shear stress in the left internal thoracic artery: composite arterial graft versus single graftâ˜†. European Journal of Cardio-thoracic Surgery, 2006, 29, 473-478.	0.6	19
14	Effects of heart rate on phasic Y-graft blood flow and flow reserve in patients with complete arterial myocardial revascularizaton: an intravascular Doppler catheter study. European Journal of Cardio-thoracic Surgery, 2003, 24, 81-85.	0.6	18
15	Fluid-dynamic results of in vitro comparison of four pericardial bioprostheses implanted in small porcine aortic roots. European Journal of Cardio-thoracic Surgery, 2015, 47, e62-e67.	0.6	16
16	Bicuspid aortic valve: differences in the phenotypic continuum affect the repair techniqueâ˜†. European Journal of Cardio-thoracic Surgery, 2010, 37, 1015-1020.	0.6	15
17	The aortic interleaflet triangles annuloplasty: a multidisciplinary appraisalâ˜†. European Journal of Cardio-thoracic Surgery, 2011, 40, 851-7.	0.6	13
18	Aortic valve repair: a ten-year single-centre experience. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 28-35.	0.5	10

#	Article	IF	Citations
19	Design of a simple coronary impedance simulator for thein vitrostudy of the complex coronary hemodynamics. Physiological Measurement, 2016, 37, 2274-2285.	1.2	7
20	Intracardiac Visualization of Transcatheter Mitral Valve Repair in an In Vitro Passive Beating Heart. Circulation, 2015, 132, e131-2.	1.6	6
21	In-vitro study of a porcine quadricuspid aortic valve. Journal of Heart Valve Disease, 2014, 23, 122-6.	0.5	6
22	A Comprehensive Fluid Dynamic and Geometric Study for an "In-Vitro" Comparison of Four Surgically Implanted Pericardial Stented Valves. Journal of Heart Valve Disease, 2015, 24, 596-603.	0.5	5
23	Left Ventricular Volume Reduction for End-Stage Heart Disease. Journal of Cardiac Surgery, 1999, 14, 60-63.	0.3	4
24	Openingâ€“closing pattern of four pericardial prostheses: results from an in vitro study of leaflet kinematics. Journal of Artificial Organs, 2016, 19, 350-356.	0.4	4
25	Aortic Valve Repair via Neo-Chordae Technique: Mechanistic Insight Through Numerical Modelling. Annals of Biomedical Engineering, 2012, 40, 1039-1051.	1.3	3
26	In vitro Study of a Standardized Approach to Aortic Cusp Extension. International Journal of Artificial Organs, 2014, 37, 315-324.	0.7	3
27	Is endovascular repair for patients with primary adult coarctation, bicuspid aortic valve, dilated ascending aorta and hypertension the new gold standard?. European Journal of Cardio-thoracic Surgery, 2011, 40, 1032; author reply 1032-3.	0.6	1
28	Aortic pseudoaneurysm with fistula to pulmonary trunk causing recurrent pulmonary oedema: a rare late complication of ascending aorta replacement. European Heart Journal, 2020, 42, 2509.	1.0	1
29	OUP accepted manuscript. European Journal of Cardio-thoracic Surgery, 2021, , .	0.6	1
30	Left Ventricular Volume Reduction for Endâ€Stage Heart Disease. Echocardiography, 1985, 2, 60-63.	0.3	0
31	Are composite Y-grafts able to fully respond to the left coronary system flow demand early after coronary bypass graft?. Annals of Thoracic Surgery, 2003, 76, 1339-1340.	0.7	0
32	A Simulator for the In Vitro Study of the Dynamics of the Aortic Valve: Design and Test. , 2009, , .		0