

Piergiorgio Tozzi

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

616
citations

840776

11
h-index

677142

22
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64
all docs

64
docs citations

64
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Management of pulmonary embolism during acrylic vertebroplasty. <i>Annals of Thoracic Surgery</i> , 2002, 74, 1706-1708.	1.3	172
2	Aorto-bronchial and aorto-pulmonary fistulation after thoracic endovascular aortic repair: an analysis from the European Registry of Endovascular Aortic Repair Complications. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 252-257.	1.4	56
3	Sutureless coronary anastomoses: revival of old concepts. <i>European Journal of Cardio-thoracic Surgery</i> , 2002, 22, 565-570.	1.4	27
4	Rapid-deployment aortic valve replacement versus standard bioprosthesis implantation. <i>Journal of Cardiac Surgery</i> , 2017, 32, 322-327.	0.7	24
5	Type A aortic dissection in aneurysms having modelled pre-dissection maximum diameter below 45 mm: should we implement current guidelines to improve the survival benefit of prophylactic surgery?. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 473-478.	1.4	23
6	Endoscopic off-pump aortic valve replacement: does the pericardial cuff improve the sutureless closure of left ventricular access?. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 22-25.	1.4	20
7	Benefits of Endoscopic Vein Harvesting. <i>World Journal of Surgery</i> , 2000, 24, 1104-1108.	1.6	19
8	Transfemoral versus transapical approach for transcatheter aortic valve implantation: hospital outcome and risk factor analysis.. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 78.	1.1	18
9	Ventricular assist devices as bridge to heart transplantation: impact on post-transplant infections. <i>BMC Infectious Diseases</i> , 2016, 16, 321.	2.9	15
10	Prediction of right ventricular failure after left ventricular assist device implantation in patients with heart failure: a meta-analysis comparing echocardiographic parameters. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 784-792.	1.1	15
11	Hyperoxia during extracorporeal cardiopulmonary resuscitation for refractory cardiac arrest is associated with severe circulatory failure and increased mortality. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 542.	1.7	15
12	Long-term continuous-flow left ventricular assist devices (LVAD) as bridge to heart transplantation. <i>Journal of Thoracic Disease</i> , 2015, 7, 532-42.	1.4	14
13	<i>Tropheryma whipplei</i> bivalvular endocarditis and polyarthralgia: a case report. <i>Journal of Medical Case Reports</i> , 2015, 9, 259.	0.8	12
14	Three-Dimensional Self-Navigated T2 Mapping for the Detection of Acute Cellular Rejection After Orthotopic Heart Transplantation. <i>Transplantation Direct</i> , 2017, 3, e149.	1.6	12
15	Nitric Oxideâ€“cGMP Pathway Modulation in an Experimental Model of Hypoxic Pulmonary Hypertension. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2021, 26, 665-676.	2.0	11
16	Suitability of 3D-Printed Root Models for the Development of Transcatheter Aortic Root Repair Technologies. <i>ASAIO Journal</i> , 2019, 65, 874-881.	1.6	10
17	Quantification of myocardial interstitial fibrosis and extracellular volume for the detection of cardiac allograft vasculopathy. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 533-542.	1.5	10
18	Artificial Muscle for End-Stage Heart Failure. <i>ASAIO Journal</i> , 2012, 58, 103-108.	1.6	9

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19	An Original Valveless Artificial Heart Providing Pulsatile Flow Tested in Mock Circulatory Loops. <i>International Journal of Artificial Organs</i> , 2017, 40, 683-689.	1.4	8
20	Atria assist device to restore transport function of fibrillating atrium. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 263-267.	1.4	7
21	Biometal muscle to restore atrial transport function in a permanent atrial fibrillation animal model: a potential tool in the treatment of end-stage heart failure. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 870-874.	1.4	7
22	Short-term single-centre experience with the HeartMate 3 left ventricular assist device for advanced heart failure. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 511-518.	1.4	7
23	Apical closure device for transapical valve procedures. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 21, 561-564.	1.1	6
24	Phosphodiesterase-5 Inhibition Alleviates Pulmonary Hypertension and Basal Lamina Thickening in Rats Challenged by Chronic Hypoxia. <i>Frontiers in Physiology</i> , 2018, 9, 289.	2.8	6
25	Sutureless thoracic aorta to femoral artery bypass with robotic videoendoscopic approach: a fast track procedure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2003, 2, 186-189.	1.1	5
26	Artificial Muscles to Restore Transport Function of Diseased Atria. <i>ASAIO Journal</i> , 2008, 54, 11-13.	1.6	5
27	Transapical approach versus transcervical approach for transcatheter aortic valve replacement: a retrospective monocentric study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 781-788.	1.1	5
28	Usefulness of postoperative high-sensitive troponin T measurement and implications for defining type 5 infarction. <i>Journal of Cardiac Surgery</i> , 2022, 37, 151-161.	0.7	5
29	<i>Aspergillus tubingensis</i> Endocarditis: A Case Report and Review of the Literature. <i>Mycopathologia</i> , 2022, 187, 249-258.	3.1	5
30	Endoscopic access closure for direct implantation of valved stents. <i>Swiss Medical Weekly</i> , 2007, 137, 182-4.	1.6	5
31	Artificial Muscle to Wash Blood Out of Fibrillating Atrium: An Alternative to Lifelong Anticoagulation. <i>ASAIO Journal</i> , 2009, 55, 24-27.	1.6	4
32	A 3-Step Therapeutic Strategy for Severe Alveolar Proteinosis. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1456-1458.	1.3	4
33	Adrenergic Receptor Polymorphism and Maximal Exercise Capacity after Orthotopic Heart Transplantation. <i>PLoS ONE</i> , 2016, 11, e0163475.	2.5	4
34	HeartMate 3 in Lowest INTERMACS Profile Cohort: The Swiss Experience. <i>ASAIO Journal</i> , 2017, 63, 752-758.	1.6	4
35	The future of functional mitral regurgitation treatment. <i>European Heart Journal</i> , 2019, 40, 2215-2217.	2.2	4
36	HeartMate 3 implantation via left antero-lateral thoracotomy to avoid re sternotomy in high risk patients. , 2018, 2018, .		4

#	ARTICLE	IF	CITATIONS
37	The role of Heart Failure Team in managing Mechanical Circulatory Support in a Swiss low-volume institution. <i>Heart Surgery Forum</i> , 2018, 21, E257-E262.	0.5	4
38	Humanoids for teaching and training coronary artery bypass surgery to the next generation of cardiac surgeons. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 185-192.	1.1	4
39	Endovascular Thoracic Aortic Aneurysm Repair without Angiography. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009, 4, 32-35.	0.9	3
40	Active mitral ring for post-surgical remote correction of residual mitral regurgitation on the beating heart. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 370-374.	1.4	3
41	Percutaneous increase of mitral leaflet coaptation length after mitral valve repair: results from a preclinical study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 681-686.	1.1	3
42	COVID-19 Pandemics. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011395.	2.6	3
43	Management of Atrial Fibrillation Following Cardiac Surgery: Observational Study and Development of a Standardized Protocol. <i>Annals of Pharmacotherapy</i> , 2021, 55, 830-838.	1.9	3
44	Intravascular Ultrasound: Potential Tool to Assess Coronary Anastomosis Quality. <i>Asian Cardiovascular and Thoracic Annals</i> , 2003, 11, 143-146.	0.5	2
45	A New Combined Technique Reducing the Risk of Paraplegia during Thoracoabdominal Aorta Replacement. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 126-129.	1.0	2
46	Thoracic endovascular aortic repair to treat uncomplicated Stanford type B aortic dissection: The surgeon's dilemma to preventing future complications. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 24-31.	1.8	2
47	A Heart Surgery Simulator With an Integrated Supervision System for Self-Learning the Key Steps and Pitfalls of the Mitral Valve Repair. <i>Simulation in Healthcare</i> , 2022, 17, 192-197.	1.2	2
48	Surgical outcome after isolated on-pump and off-pump anterior descending coronary revascularisation. <i>Swiss Medical Weekly</i> , 2015, 145, w14239.	1.6	2
49	Body composition and maximal exercise capacity after heart transplantation. <i>ESC Heart Failure</i> , 2022, 9, 122-132.	3.1	2
50	Totally implantable robot to treat chronic atrial fibrillation. <i>Bioinspiration and Biomimetics</i> , 2008, 3, 035009.	2.9	1
51	Huge Calcified Aneurysm of the Left Ventricle. <i>Annals of Thoracic Surgery</i> , 2018, 105, e35.	1.3	1
52	Early stenosis of bioprosthetic mitral valve during venoarterial extracorporeal life support successfully treated using isolated percutaneous balloon valvuloplasty: a case report. <i>European Heart Journal - Case Reports</i> , 2018, 2, ytx024.	0.6	1
53	Aortic Annulus Stabilization Technique for Rapid Deployment Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 360-362.	0.9	1
54	Progress in cardiovascular anastomoses: will the vascular join replace Carrel's technique?. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 30, 425-430.	1.4	0

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55	Unusual giant cell aortitis. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 1107-1108.	1.4	0
56	Free-floating aortic thrombus originating from the right coronary artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 1110-1111.	1.4	0
57	Iatrogenic aortic dissection: spontaneous healing of aortic tattoo. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 1234-1234.	1.4	0
58	Acute post-traumatic rupture of the right pulmonary artery: a modern approach for a rare condition. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 200-200.	1.4	0
59	Reply to Peterss <i>et al.</i> . <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 731-732.	1.4	0
60	Use of a Ventricular Septal Defect Occluder for Apical Closure in Transapical Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 68-70.	0.9	0
61	Reply to Greco and Demertzis. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 202-203.	1.4	0
62	Hemodynamic oxygenator exchange-related effects during veno-venous extracorporeal membrane oxygenation for the treatment of acute SARS-CoV-2 respiratory distress syndrome. <i>Perfusion (United Kingdom)</i> 2021;36(10):1071-1077.	1.4	0