

Vincenzo Tarzia

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

1,565
citations

394286

19
h-index

360920

35
g-index

113
all docs

113
docs citations

113
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	Colchicine for Prevention of Postpericardiotomy Syndrome and Postoperative Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2014, 312, 1016.	3.8	258
2	First quantification of alpha-Gal epitope in current glutaraldehyde-fixed heart valve bioprostheses. Xenotransplantation, 2013, 20, 252-261.	1.6	113
3	Results With Syncardia Total Artificial Heart Beyond 1 Year. ASAIO Journal, 2014, 60, 626-634.	0.9	87
4	Small aortic annulus: The hydrodynamic performances of 5 commercially available tissue valves. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 1058-1064.e2.	0.4	75
5	Extracorporeal life support in cardiogenic shock: Impact of acute versus chronic etiology on outcome. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 333-340.	0.4	63
6	HeartWare Venticular Assist Device as Bridge to Transplant in Children and Adolescents. Artificial Organs, 2014, 38, 418-422.	1.0	48
7	A predictive model for early mortality after surgical treatment of heart valve or prosthesis infective endocarditis. The EndoSCORE. International Journal of Cardiology, 2017, 241, 97-102.	0.8	45
8	PCI versus CABG for multivessel coronary disease in diabetics. Catheterization and Cardiovascular Interventions, 2009, 73, 50-58.	0.7	42
9	Lvad pump speed increase is associated with increased peak exercise cardiac output and vo2, postponed anaerobic threshold and improved ventilatory efficiency. International Journal of Cardiology, 2017, 230, 28-32.	0.8	39
10	Comparison of Efficacy and Cost of Iodine Impregnated Drape vs. Standard Drape in Cardiac Surgery: Study in 5100 Patients. Journal of Cardiovascular Translational Research, 2015, 8, 431-437.	1.1	34
11	Comprehensive effects of left ventricular assist device speed changes on alveolar gas exchange, sleep ventilatory pattern, and exercise performance. Journal of Heart and Lung Transplantation, 2018, 37, 1361-1371.	0.3	33
12	Minimally Invasive Implantation of Continuous Flow Left Ventricular Assist Devices: The Evolution of Surgical Techniques in a Single-Center Experience. Artificial Organs, 2019, 43, E41-E52.	1.0	33
13	Impact of vacuum-assisted closure therapy on outcomes of sternal wound dehiscence. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 70-75.	0.5	32
14	Less Invasive Surgical and Perfusion Technique for Implantation of the Jarvik 2000 Left Ventricular Assist Device. Annals of Thoracic Surgery, 2013, 96, 712-714.	0.7	26
15	Evidence of complement activation in the thrombotic small vessels of a patient with catastrophic antiphospholipid syndrome treated with eculizumab. Autoimmunity Reviews, 2019, 18, 561-563.	2.5	25
16	Multicenter experience with the Evolution RL mechanical sheath for lead extraction using a stepwise approach: Safety, effectiveness, and outcome. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 989-997.	0.5	22
17	Nitinol Flexigrip Sternal Closure System and Chest Wound Infections: Insight From a Comparative Analysis of Complications and Costs. Annals of Thoracic Surgery, 2012, 94, 1848-1853.	0.7	21
18	Hemorrhage and thrombosis with different LVAD technologies: a matter of flow?. Annals of Cardiothoracic Surgery, 2014, 3, 582-4.	0.6	21

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19	A Practical Review for Cardiac Rehabilitation Professionals of Continuous-Flow Left Ventricular Assist Devices. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2015, 35, 301-311.	1.2	19
20	Transapical Aspiration of a Mitral Mass With the AngioVac System on a Beating Heart. <i>Annals of Thoracic Surgery</i> , 2020, 110, e445-e447.	0.7	19
21	Clinical psychological and neuropsychological issues with left ventricular assist devices (LVADs). <i>Annals of Cardiothoracic Surgery</i> , 2014, 3, 480-9.	0.6	19
22	Bilateral mini-thoracotomy off-pump Jarvik 2000 implantation in regional asymmetric paravertebral analgesia. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 160-164.	0.6	17
23	From bench to bedside: Can the improvements in left ventricular assist device design mitigate adverse events and increase survival?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 213-217.	0.4	16
24	Peripheral Adaptation Mechanisms in Physical Training and Cardiac Rehabilitation: The Case of a Patient Supported by a Cardiwest Total Artificial Heart. <i>Journal of Cardiac Failure</i> , 2011, 17, 670-675.	0.7	15
25	Less-invasive off-pump ventricular assist device implantation in regional paravertebral analgesia. <i>Journal of Artificial Organs</i> , 2014, 17, 275-277.	0.4	15
26	Oversampling and replacement strategies in propensity score matching: a critical review focused on small sample size in clinical settings. <i>BMC Medical Research Methodology</i> , 2021, 21, 256.	1.4	15
27	Thromboelastometry guided fibrinogen replacement therapy in cardiac surgery: a retrospective observational study. <i>Journal of Anesthesia</i> , 2017, 31, 286-290.	0.7	14
28	Implantation of the HeartWare HVAD: from full sternotomy to less invasive techniques. <i>Annals of Cardiothoracic Surgery</i> , 2014, 3, 535-7.	0.6	14
29	Extended (31 years) durability of a Starr-Edwards prosthesis in mitral position. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2007, 6, 570-571.	0.5	13
30	Valve surgery in octogenarians: does it prolong life?†. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 1047-1055.	0.6	13
31	Freedom Solo Stentless Aortic Valve: Quantitative and Qualitative Assessment of Thrombocytopenia. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1935.	0.7	13
32	Acute Increase of Cardiac Output Reduces Central Sleep Apneas in Heart Failure Patients. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2571-2572.	1.2	13
33	Aortic valve calcium scoring is a predictor of paravalvular aortic regurgitation after transcatheter aortic valve implantation. <i>Annals of Cardiothoracic Surgery</i> , 2012, 1, 156-9.	0.6	13
34	The Jarvik-2000 ventricular assist device implantation: how we do it. <i>Annals of Cardiothoracic Surgery</i> , 2014, 3, 525-31.	0.6	13
35	The changing spectrum of bioprostheses hydrodynamic performance: considerations on in-vitro tests. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2008, 7, 750-754.	0.5	12
36	Marginal versus Standard Donors in Heart Transplantation: Proper Selection Means Heart Transplant Benefit. <i>Journal of Clinical Medicine</i> , 2022, 11, 2665.	1.0	12

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37	Nitinol flexigrip sternal closure system and standard sternal steel wiring. <i>Journal of Cardiovascular Medicine</i> , 2015, 16, 134-138.	0.6	11
38	Results of new-generation intrapericardial continuous flow left ventricular assist devices as a bridge-to-transplant. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 739-747.	0.6	10
39	Bileaflet mechanical heart valve closing sounds: in vitro classification by phonocardiographic analysis. <i>Journal of Artificial Organs</i> , 2009, 12, 172-181.	0.4	9
40	Occult gastrointestinal bleeding in patients with a left ventricular assist device axial flow pump: Diagnostic tools and therapeutic algorithm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, e28-e31.	0.4	9
41	Left Ventricular Assist Device End-to-End Connection to the Left Subclavian Artery: An Alternative Technique. <i>Annals of Thoracic Surgery</i> , 2015, 100, e93-e95.	0.7	9
42	Coronary Artery Bypass Grafting in Elderly Patients: Insights from a Comparative Analysis of Total Arterial and Conventional Revascularization. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 223-229.	1.1	9
43	Biological versus mechanical aortic valve replacement in non-elderly patients: a single-centre analysis of clinical outcomes and quality of life. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 515-521.	0.5	9
44	Totally peripheral approach for ICD lead vegetation removal in a GUCH patient. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1778-1781.	0.8	9
45	Commissural dehiscence: A rare and peculiar cause of porcine valve structural deterioration. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 1017-1022.	0.4	8
46	Successful heart transplant after 1374 days living with a total artificial heart. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, e88-e89.	0.6	8
47	Single vs double antiplatelet therapy in acute coronary syndrome: Predictors of bleeding after coronary artery bypass grafting. <i>World Journal of Cardiology</i> , 2015, 7, 571.	0.5	8
48	The impact of transcatheter aortic valve implantation on patients' profiles and outcomes of aortic valve surgery programmes: a multi-institutional appraisal. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 608-611.	0.5	7
49	Cellular, molecular, genomic changes occurring in the heart under mechanical circulatory support. <i>Annals of Cardiothoracic Surgery</i> , 2014, 3, 496-504.	0.6	7
50	Arterial Switch Operation, Aortic Root Dilation, and Long-Term Aortic Valve Competence. <i>Annals of Thoracic Surgery</i> , 2008, 86, 2025-2026.	0.7	6
51	Application of Wavelet Analysis to the Phonocardiographic Signal of Mechanical Heart Valve Closing Sounds. <i>International Journal of Artificial Organs</i> , 2009, 32, 166-172.	0.7	6
52	Comparative classification of thrombotic formations on bileaflet mechanical heart valves by phonographic analysis. <i>Journal of Artificial Organs</i> , 2011, 14, 100-111.	0.4	6
53	Minimally invasive surgical Jarvik 2000 off-pump implantation. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2015, 2015, mmv020.	0.5	6
54	Use of the Jarvik 2000 to facilitate left ventricular assist device placement in challenging apex anatomy. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1049-1051.	0.3	6

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55	A pilot study on the efficacy and safety of a minimally invasive surgical and anesthetic approach for ventricular assist device implantation. <i>International Journal of Artificial Organs</i> , 2018, 41, 28-36.	0.7	6
56	Proof of Concept: Microinvasive AngioVac Approach in Renal Cell Carcinoma With Atrial Thrombosis. <i>Annals of Thoracic Surgery</i> , 2021, 112, e193-e196.	0.7	6
57	Surgical implantation of the CardioWest Total Artificial Heart. <i>Annals of Cardiothoracic Surgery</i> , 2014, 3, 624-5.	0.6	6
58	In-vitro detection of thrombotic formation on bileaflet mechanical heart valves. <i>Journal of Heart Valve Disease</i> , 2011, 20, 378-86.	0.5	6
59	Subcutaneous implantable cardioverter defibrillator after transvenous lead extraction: safety, efficacy and outcome. <i>Journal of Interventional Cardiac Electrophysiology</i> , 0, , .	0.6	6
60	In vitro characterization of bileaflet Mechanical Heart Valves closing sound. , 2008, , .		5
61	Cardiac Autonomic Dysfunction in the Early Phase after Left Ventricular Assist Device Implant: Implications for Surgery and Follow-Up?. <i>International Journal of Artificial Organs</i> , 2013, 36, 410-418.	0.7	5
62	Orthotopic heart transplantation: the bicaval technique. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2015, 2015, mmv035.	0.5	5
63	A comparison of quality of life and psychological distress in heart transplantation patients at adult and pediatric ages. <i>Clinical Transplantation</i> , 2019, 33, e13335.	0.8	5
64	The rules of medical innovation: experience, creativity and courage. <i>Annals of Thoracic Surgery</i> , 2021, 112, 2113-2114.	0.7	5
65	Conventional and alternative sites for left ventricular assist device inflow and outflow cannula placement. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 281-288.	0.6	5
66	The valuable interaction among cardiac surgeon and electrophysiologist for transvenous rotational mechanical lead extraction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, , .	0.5	5
67	Prognostic value of SARS-CoV-2 on patients undergoing cardiac surgery. <i>Journal of Cardiac Surgery</i> , 2022, 37, 165-173.	0.3	5
68	Ultrasound phonocardiography for detecting thrombotic formations on bileaflet mechanical heart valves. <i>Journal of Heart Valve Disease</i> , 2013, 22, 828-36.	0.5	5
69	Is the Analysis Over the Time Domain or Over the Frequency Domain Significant for the Detection of Bileaflet Mechanical Heart Valve Dysfunction?. <i>Annals of Thoracic Surgery</i> , 2009, 87, 986-987.	0.7	4
70	InÂvitro comparison of different mechanical prostheses suitable for replacement of the systemic atrioventricular valve in children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 558-568.	0.4	4
71	The Danger of Using a Sledgehammer to Crack a Nut: ROTEM-Guided Administration of Recombinant Activated Factor VII in a Patient With Refractory Bleeding Post-Ventricular Assist Device Implantation. <i>Artificial Organs</i> , 2015, 39, 248-253.	1.0	4
72	Cardiopulmonary exercise testing responses to different external portable drivers in a patient with a CardioWest Total Artificial Heart. <i>Journal of Artificial Organs</i> , 2016, 19, 188-191.	0.4	4

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73	Atrial fibrillation after orthotopic heart transplantatation: Pathophysiology and clinical impact. <i>IJC Heart and Vasculature</i> , 2021, 32, 100710.	0.6	4
74	Jarvik 2000: evolution of surgical implantation from conventional to minimally invasive technique. <i>Annals of Cardiothoracic Surgery</i> , 2014, 3, 621-3.	0.6	4
75	Total arterial revascularization, conventional coronary artery bypass surgery, and age cut-off for the loss of benefit from bilateral internal thoracic artery grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 191-191.	0.6	3
76	The hazard of comparing apples and oranges: The proper indication for the use of recombinant activated clotting factor VII in cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 1588-1589.	0.4	3
77	How to Remove the Retroauricular Driveline in the Jarvik 2000 after Heart Transplantation. <i>International Journal of Artificial Organs</i> , 2016, 39, 45-47.	0.7	3
78	Phonographic detection of mechanical heart valve thrombosis. <i>Journal of Artificial Organs</i> , 2017, 20, 394-398.	0.4	3
79	Evaluation of prosthetic valve thrombosis by 64-row multi-detector computed tomography. <i>Journal of Heart Valve Disease</i> , 2015, 24, 210-3.	0.5	3
80	Parasternal Wire Technique and Sternal Dehiscence. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1096-1097.	0.7	2
81	Valve Prostheses Evaluation: It Is a Complex Scenario and Not Only a Matter of Gradient. <i>Annals of Thoracic Surgery</i> , 2008, 86, 691.	0.7	2
82	Aortic valve stenosis management: old strategies and future directions. <i>European Heart Journal</i> , 2008, 29, 2821-2821.	1.0	2
83	Thrombectomy for massive bioprosthetic valve thrombosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1540.	0.6	2
84	HeartWare LVAD Implantation in a Patient with a Rare ARVD: Carvajal Syndrome. <i>International Journal of Artificial Organs</i> , 2014, 37, 563-566.	0.7	2
85	Prosthetic valve thrombosis: When prevention is better than treatment. <i>American Heart Journal</i> , 2016, 174, e1-e2.	1.2	2
86	Can Patients Be Transplanted or Undergo Ventricular Assist Device Placement During the COVID-19 Pandemic? Padova Perspective. <i>ASAIO Journal</i> , 2021, 67, 395-396.	0.9	2
87	Valve-shaped thrombus underneath an aortic bioprosthesis. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3846-3847.	0.3	2
88	Surgical aortic valve replacement in elderly patients: effects on physical performance, cognitive function and health-related quality of life. <i>Ageing Clinical and Experimental Research</i> , 2022, 34, 643-652.	1.4	2
89	Impact of Continuous Flow Left Ventricular Assist Device on Heart Transplant Candidates: A Multi-State Survival Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 3425.	1.0	2
90	Development of Artificial Neural Network-Based Algorithms for the Classification of Bileaflet Mechanical Heart Valve Sounds. <i>International Journal of Artificial Organs</i> , 2012, 35, 279-287.	0.7	1

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91	Pulmonary Embolism and LVAD: Is There Compatibility?. International Journal of Artificial Organs, 2015, 38, 468-470.	0.7	1
92	In Vitro Performance Investigation of SynCardiaâ„¢ FreedomÂ® Driver via Patient Simulator Mock Loop. International Journal of Artificial Organs, 2016, 39, 502-508.	0.7	1
93	From bench to bedside: Impact of left ventricular assist device outflow conduit anastomosis position on outcome. Artificial Organs, 2021, 45, 236-243.	1.0	1
94	Carpentier-Edwards Perimount valve and intraoperative structural failure. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 795.	0.4	0
95	Temporary coronary artery occlusion during off-pump surgery and endothelial vessel dysfunction: Is it still an unresolved mystery?. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 1397.	0.4	0
96	Use of Freedom SOLO bioprosthesis in aortic valve endocarditis involving the annulus. Journal of Cardiovascular Medicine, 2016, 17, 165.	0.6	0
97	A Step-by-Step Problem-Solving Strategy in a Patient With Heart Failure and Cerebral Aneurysm. Annals of Thoracic Surgery, 2020, 109, e285-e287.	0.7	0
98	Successful jugular implantable defibrillator lead extraction with bidirectional rotational mechanical sheath. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 557-558.	0.5	0
99	Antiphospholipid antibody syndrome and LVAD: What are the chances? A case report and literature review. International Journal of Artificial Organs, 2022, 45, 235-238.	0.7	0
100	Surgical Treatment of Atrial Fibrillation. , 2013, , 233-240.		0
101	Minimal Invasive: Paduaâ€™s Approach and Technique. , 2017, , 253-264.		0
102	Patient- and Device-Tailored Antithrombotic Treatment. , 2017, , 427-431.		0
103	Outcomes of patients with continuous flow left ventricular assist device undergoing emergency endovascular treatment for atraumatic bleeding. CVIR Endovascular, 2019, 2, 40.	0.4	0
104	Two is not Always Better Than one: Extracorporeal Membrane Oxygenation Plus Impella may not be a Cure-all Strategy. ASAIO Journal, 2021, 67, e93-e93.	0.9	0
105	Mechanical Assist Devices and Heart Transplantation. , 2020, , 343-353.		0
106	Heart transplant in a dissected patient: could be a potential contraindication?. Journal of Cardiovascular Medicine, 2021, 22, 225-227.	0.6	0
107	Descending aorta-to-coronary artery bypass graft imaging by means of multislice computed tomography. Texas Heart Institute Journal, 2012, 39, 585.	0.1	0
108	655â€™The valuable interaction among cardiac surgeon and electrophysiologist for transvenous rotational mechanical lead extraction. European Heart Journal Supplements, 2021, 23, .	0.0	0