

Gino Gerosa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

452
papers

9,315
citations

47
h-index

78
g-index

552
ext. papers

10,892
ext. citations

3.4
avg, IF

5.79
L-index

#	Paper	IF	Citations
452	Microinvasive cardiac surgery: when less is more-'render to Caesar the things that are Caesar's; and to the surgeon the things that are the surgeons' .. <i>European Journal of Cardio-thoracic Surgery</i> , 2022	3	0
451	Beating heart implantation of transventricular artificial cordae: How can access site selection and leaflet insertion improve mitral regurgitation correction?. <i>Medical Engineering and Physics</i> , 2022 , 101, 103773	2.4	
450	Cardiovascular Services in the COVID-19 Hot Zone: Italy. <i>Difficult Decisions in Surgery: an Evidence-based Approach</i> , 2022 , 659-671	0	
449	Prognostic value of SARS-CoV-2 on patients undergoing cardiac surgery. <i>Journal of Cardiac Surgery</i> , 2022 , 37, 165-173	1.3	1
448	Transapical beating heart mitral valve repair versus conventional surgery: a propensity-matched study.. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022 ,	1.8	1
447	Porcine Small Intestinal Submucosa (SIS) as a Suitable Scaffold for the Creation of a Tissue-Engineered Urinary Conduit: Decellularization, Biomechanical and Biocompatibility Characterization Using New Approaches.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	4
446	Outcomes of Transapical Mitral Valve Repair With Neochordae Implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022 ,	1.5	1
445	Evaluation of the Kinetics of Antibody Response to COVID-19 Vaccine in Solid Organ Transplant Recipients: The Prospective Multicenter ORCHESTRA Cohort. <i>Microorganisms</i> , 2022 , 10, 1021	4.9	1
444	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	4.7	2
443	Sutureless and rapid deployment bioprosthetic valves: New perspectives. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 2187-2188	1.3	
442	Antiphospholipid antibody syndrome and LVAD: What are the chances? A case report and literature review. <i>International Journal of Artificial Organs</i> , 2021 , 391398821996726	1.9	
441	Bioengineered percutaneous heart valves for transcatheter aortic valve replacement: a comparative evaluation of decellularised bovine and porcine pericardia. <i>Materials Science and Engineering C</i> , 2021 , 123, 111936	8.3	1
440	Clinical and Hemodynamic Outcomes of Rapid-Deployment Aortic Bioprostheses. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	3
439	Frozen Elephant Trunk to Exclude the Kommerell Diverticulum Associated with Double Aortic Arch in Adult Redo Patient. <i>Annals of Vascular Surgery</i> , 2021 , 73, 529-531	1.7	
438	Totally peripheral approach for ICD lead vegetation removal in a GUCH patient. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 1778-1781	2.7	0
437	Residual root fate after aortic surgery in bicuspid aortic valve with right-to-left fusion: A comparative risk analysis. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 2628-2635	1.3	2
436	Extraction of left bundle branch pacing lead: a safe procedure?. <i>Europace</i> , 2021 , 23, 1921	3.9	2

435	DOUBLE TRANS-APICAL ACCESS DURING NEOCHORD IMPLANTATION. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	
434	Unilateral versus bilateral cerebral perfusion during aortic surgery for acute type A aortic dissection: a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 ,	3	2
433	Valve-shaped thrombus underneath an aortic bioprosthesis. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 3846-3847	3.7	0
432	Surgical redo versus transeptal or transapical transcatheter mitral valve-in-valve implantation for failed mitral valve bioprosthesis. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, 714-722	2.7	8
431	Safety and performance of a novel transventricular beating heart mitral valve repair system: 1-year outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 199-206	3	14
430	COVID-19 in Heart Transplant Recipients: A Multicenter Analysis of the Northern Italian Outbreak. <i>JACC: Heart Failure</i> , 2021 , 9, 52-61	7.9	36
429	Structural valve deterioration and mode of failure of stentless bioprosthetic valves. <i>Cardiovascular Pathology</i> , 2021 , 51, 107301	3.8	1
428	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	1.8	0
427	Relation of Prolonged Pacemaker Dependency After Cardiac Surgery to Mortality. <i>American Journal of Cardiology</i> , 2021 , 138, 66-71	3	3
426	Recurrent autoimmune myocarditis in a young woman during the coronavirus disease 2019 pandemic. <i>ESC Heart Failure</i> , 2021 , 8, 756-760	3.7	6
425	Biventricular assistance with 2 hm3 in a small chest patient: extra-pericardial implant. <i>Journal of Artificial Organs</i> , 2021 , 24, 261-264	1.8	1
424	From bench to bedside: Impact of left ventricular assist device outflow conduit anastomosis position on outcome. <i>Artificial Organs</i> , 2021 , 45, 236-243	2.6	0
423	Combining echocardiographic and anatomic variables to predict outcomes of mitral valve repair with the NeoChord procedure. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 122-130	4.7	4
422	The Neochord Procedure After Failed Surgical Mitral Valve Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 , 33, 35-44	1.7	2
421	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	3.6	2
420	Transapical off-pump echo-guided mitral valve repair with neochordae implantation mid-term outcomes. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 131-140	4.7	9
419	Successful jugular implantable defibrillator lead extraction with bidirectional rotational mechanical sheath. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021 , 44, 557-558	1.6	
418	Endovascular repair of ascending aortic diseases with custom-made endografts. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 741-749	3	4

4 ¹⁷	Extracorporeal Membrane Oxygenation for COVID-19 Respiratory Distress Syndrome: An Italian Society for Cardiac Surgery Report. <i>ASAIO Journal</i> , 2021 , 67, 385-391	3.6	8
4 ¹⁶	Atrial fibrillation after orthotopic heart transplantation: Pathophysiology and clinical impact. <i>IJC Heart and Vasculature</i> , 2021 , 32, 100710	2.4	2
4 ¹⁵	A Changing Paradigm in Heart Transplantation: An Integrative Approach for Invasive and Non-Invasive Allograft Rejection Monitoring. <i>Biomolecules</i> , 2021 , 11,	5.9	4
4 ¹⁴	Innominate artery dissection during cerebral perfusion: The exception that proves the rule. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1581	1.3	
4 ¹³	The Rules of Medical Innovation: Experience, Creativity, and Courage: Reply. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 2113-2114	2.7	0
4 ¹²	Cardiac surgery practice during the COVID-19 outbreak: a multicentre national survey. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 901-907	3	2
4 ¹¹	Preliminary hemocompatibility assessment of an innovative material for blood contacting surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2021 , 32, 86	4.5	2
4 ¹⁰	Surgical aortic valve replacement in elderly patients: effects on physical performance, cognitive function and health-related quality of life. <i>Aging Clinical and Experimental Research</i> , 2021 , 1	4.8	
4 ⁰⁹	Feasibility of percutaneous coronary intervention before mitral NeoChord implantation: Single-center early results. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4205-4210	1.3	1
4 ⁰⁸	Marginal donors and organ shortness: concomitant surgical procedures during heart transplantation: a literature review. <i>Journal of Cardiovascular Medicine</i> , 2021 ,	1.9	3
4 ⁰⁷	Clinicopathological insights from early structural valve deterioration of a surgical and transcatheter valve-in-valve mitral bioprotheses. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4427-4430	1.3	1
4 ⁰⁶	Hybrid membranes for the production of blood contacting surfaces: physicochemical, structural and biomechanical characterization. <i>Biomaterials Research</i> , 2021 , 25, 26	16.8	5
4 ⁰⁵	Study design and rationale of the pAtients pResenTing with cOngenital heaRt diseAse Register (ARTORIA-R). <i>ESC Heart Failure</i> , 2021 ,	3.7	1
4 ⁰⁴	Heart transplantation in the new era of extended donor criteria. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4828-4829	1.3	1
4 ⁰³	Transapical Antegrade Ascending Aorta Stent-Grafting: Going Through the Front Door. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021 , 16, 523-528	1.5	0
4 ⁰²	Porcelain aorta: A surgical dilemma in orthotopic heart transplantation. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4779-4782	1.3	
4 ⁰¹	Transapical mitral valve repair procedures: Primetime for microinvasive mitral valve surgery. <i>Journal of Cardiac Surgery</i> , 2021 ,	1.3	2
4 ⁰⁰	Proof of Concept: Microinvasive AngioVac Approach in Renal Cell Carcinoma With Atrial Thrombosis. <i>Annals of Thoracic Surgery</i> , 2021 , 112, e193-e196	2.7	2

399	Covalent functionalization of decellularized tissues accelerates endothelialization. <i>Bioactive Materials</i> , 2021 , 6, 3851-3864	16.7	3
398	Two left ventricular pseudoaneurysms complicating a myocardial infarction. The impact of cardiac magnetic resonance in the acute setting. <i>Canadian Journal of Cardiology</i> , 2021 ,	3.8	
397	Transapical Aspiration of a Mitral Mass With the AngioVac System on a Beating Heart. <i>Annals of Thoracic Surgery</i> , 2020 , 110, e445-e447	2.7	5
396	Safety for all: coronavirus disease 2019 pandemic and cardiac surgery: a roadmap to 'phase' 2. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 213-216	3	9
395	A Comprehensive Comparison of Bovine and Porcine Decellularized Pericardia: New Insights for Surgical Applications. <i>Biomolecules</i> , 2020 , 10,	5.9	20
394	The biological age of the heart is consistently younger than chronological age. <i>Scientific Reports</i> , 2020 , 10, 10752	4.9	7
393	Reply to Tommaso Klautz. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 1105-1106	3	2
392	Heparin challenge test in patients undergoing cardiac surgery: dealing with heparin allergy. <i>Blood Coagulation and Fibrinolysis</i> , 2020 , 31, 165-169	1	
391	Mortality in trials on transcatheter aortic valve implantation versus surgical aortic valve replacement: a pooled meta-analysis of Kaplan-Meier-derived individual patient data. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 221-229	3	18
390	Endovascular exclusion of the entire aortic arch with branched stent-grafts after surgery for acute type A aortic dissection. <i>JTCVS Techniques</i> , 2020 , 3, 1-8	0.2	3
389	Using Wearable Devices to Monitor Physical Activity in Patients Undergoing Aortic Valve Replacement: Protocol for a Prospective Observational Study. <i>JMIR Research Protocols</i> , 2020 , 9, e20072 ²		2
388	Bailout Implantation of a New Single-Branch Stent Graft for the Aortic Arch. <i>Annals of Thoracic Surgery</i> , 2020 , 110, e371-e373	2.7	1
387	A New and Unexpected Complication After Arch Stent Grafting for Residual Dissection. <i>Annals of Thoracic Surgery</i> , 2020 , 109, e429-e430	2.7	
386	The Psychosocial Assessment of Transplant Candidates: Inter-Rater Reliability and Predictive Value of the Italian Stanford Integrated Psychosocial Assessment for Transplantation (SIPAT). <i>Psychosomatics</i> , 2020 , 61, 127-134	2.6	6
385	Rescue Aortic Root Replacement for Endocarditis After Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1948-1949	2.7	2
384	Reply to Vendramin I. et al. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 3676	1.3	
383	How to evaluate the outflow tract of LVAD after minimally invasive implantation by 3D CT-scan. <i>Artificial Organs</i> , 2020 , 44, 1306-1309	2.6	1
382	Circulating extracellular vesicles as non-invasive biomarker of rejection in heart transplant. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1136-1148	5.8	26

381	The importance of myocardial biopsy in the diagnosis of infectious myocarditis: it still plays a role. <i>European Heart Journal</i> , 2020 , 41, 3280	9.5	3
380	Is heart transplantation a real option in patients with Duchenne syndrome? Inferences from a case report. <i>ESC Heart Failure</i> , 2020 , 7, 3198-3202	3.7	3
379	Use of rapid-deployment aortic valve prosthesis and patch reconstruction in complex endocarditis. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 2056-2058	1.3	5
378	Coronavirus disease 2019 (COVID-19) in the heart transplant population: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 899-906	3	12
377	Conduction disorders after aortic valve replacement with rapid-deployment bioprostheses: early occurrence and one-year evolution. <i>Annals of Cardiothoracic Surgery</i> , 2020 , 9, 396-407	4.7	2
376	Left ventricle reconstruction and heartmate3 implantation. The "double patch technique". <i>Journal of Cardiac Surgery</i> , 2020 , 35, 3116-3119	1.3	0
375	COVID-19 infection in left ventricular assist device patients. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 3231-3234	3.4	6
374	RegenHeart: A Time-Effective, Low-Concentration, Detergent-Based Method Aiming for Conservative Decellularization of the Whole Heart Organ. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 5493-5506	5.5	2
373	Long-term outcomes of sutureless and rapid-deployment aortic valve replacement: a systematic review and meta-analysis. <i>Annals of Cardiothoracic Surgery</i> , 2020 , 9, 265-279	4.7	14
372	Photo-realistic 3D echocardiographic view of the mitral valve. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020 , 73, 256	0.7	1
371	A Step-by-Step Problem-Solving Strategy in a Patient With Heart Failure and Cerebral Aneurysm. <i>Annals of Thoracic Surgery</i> , 2020 , 109, e285-e287	2.7	
370	Surgical aortic valve replacement with new-generation bioprostheses: Sutureless versus rapid-deployment. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 432-442.e1	1.5	19
369	One-stage off pump combined transapical aortic valve replacement and ascending aorta endografting. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 ,	3	2
368	Rapid-deployment aortic valve replacement in high-risk patients with severe endocarditis. <i>Journal of Cardiovascular Surgery</i> , 2020 , 61, 769-775	0.7	0
367	Cinematic Rendering: An Alternative to Classical Volume Rendering for Acute Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2019 , 108, e121	2.7	6
366	Generation of cattle knockout for galactose- β -3-galactose and N-glycolylneuraminic acid antigens. <i>Xenotransplantation</i> , 2019 , 26, e12524	2.8	17
365	Pulmonary arterioplasty to prevent pulmonary artery kinking in orthotopic heart transplantation. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 617-619	1.3	
364	How to implant the Jarvik 2000 post-auricular driveline: evolution to a novel technique. <i>Journal of Artificial Organs</i> , 2019 , 22, 188-193	1.8	4

363	Cardiac arrest due to acute massive aortic root thrombosis after pericardial bioprosthetic aortic valve replacement. <i>Cardiovascular Pathology</i> , 2019 , 41, 8-10	3.8	2
362	Evidence of complement activation in the thrombotic small vessels of a patient with catastrophic antiphospholipid syndrome treated with eculizumab. <i>Autoimmunity Reviews</i> , 2019 , 18, 561-563	13.6	11
361	Mechanisms of recurrent regurgitation after transapical off-pump mitral valve repair with neochord implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 479-487	3	10
360	The Biocompatibility Challenges in the Total Artificial Heart Evolution. <i>Annual Review of Biomedical Engineering</i> , 2019 , 21, 85-110	12	12
359	Minimally Invasive Implantation of Continuous Flow Left Ventricular Assist Devices: The Evolution of Surgical Techniques in a Single-Center Experience. <i>Artificial Organs</i> , 2019 , 43, E41-E52	2.6	25
358	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	3.8	1
357	Transapical Deployment of Thoracic Stent Graft for Ascending Aorta Coronary Bypass Pseudoaneurysm in a Patient with Prosthetic Aortic Valve. <i>Aorta</i> , 2019 , 7, 29-32	0.9	3
356	The neochord mitral valve repair procedure: Numerical simulation of different neochords tensioning protocols. <i>Medical Engineering and Physics</i> , 2019 , 74, 121-128	2.4	5
355	Diagnostic 'nightmares' in an HIV patient with a cardiac mass and a previous history of tuberculosis. <i>Journal of Cardiovascular Medicine</i> , 2019 , 20, 841-843	1.9	
354	Cardiovascular interventions planning through a three-dimensional printing patient-specific approach. <i>Journal of Cardiovascular Medicine</i> , 2019 , 20, 584-596	1.9	6
353	Mitral Valve Repair and Anomalous Origin of Circumflex Artery: To Ring or Not to Ring. <i>JACC: Case Reports</i> , 2019 , 1, 503-507	1.2	
352	Persistent dextrocardia after adult orthotopic heart transplantation in a patient with complex congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e271-e273	1.5	2
351	Bilateral mini-thoracotomy approach for minimally invasive implantation of HeartMate 3. <i>Artificial Organs</i> , 2019 , 43, 593-595	2.6	16
350	Outcomes after transaortic transcatheter aortic valve implantation: long-term findings from the European ROUTE. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 55, 737-743	3	8
349	Endomyocardial fibrosis and myocardial infarction leading to diastolic and systolic dysfunction requiring transplantation. <i>Cardiovascular Pathology</i> , 2019 , 38, 21-24	3.8	1
348	Preservation strategies for decellularized pericardial scaffolds for off-the-shelf availability. <i>Acta Biomaterialia</i> , 2019 , 84, 208-221	10.8	20
347	Transfemoral aortic valve replacement as a solution in aortic valve stenosis and coronary artery fistulas. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	1
346	An early European experience with transapical off-pump mitral valve repair with NeoChord implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 460-466	3	83

345	Learning curve analysis of transapical NeoChord mitral valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 273-280	3	31
344	Noncoronary sinus replacement in bicuspid valve: The other fate?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 525	1.5	2
343	First in human transcatheter COMBO mitral valve repair with direct ring annuloplasty and neochord leaflet implantation to treat degenerative mitral regurgitation: feasibility of the simultaneous toolbox concept guided by 3D echo and computed tomography fusion imaging. <i>European Heart Journal</i> , 2018 , 39, 1314-1315	9.5	33
342	Acute intraoperative echocardiographic changes after transapical off-pump mitral valve repair with NeoChord implantation. <i>International Journal of Cardiology</i> , 2018 , 257, 230-234	3.2	15
341	Prognostic impact of leaflet-to-annulus index in patients treated with transapical off-pump echo-guided mitral valve repair with NeoChord implantation. <i>International Journal of Cardiology</i> , 2018 , 257, 235-237	3.2	36
340	Transoesophageal echo-guided mitral valve repair using the Harpoon system. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 871-873	3	11
339	Irreversible cardiac failure with intraventricular thrombosis: A novel technique of paracorporeal biventricular assist device implantation with ventricles excision. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 1632-1634	1.5	4
338	Beating-Heart Mitral Valve Repair Using a Novel ePTFE Cordal Implantation Device: A Prospective Trial. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 25-36	15.1	55
337	Native Bovine and Porcine Pericardia Respond to Load With Additive Recruitment of Collagen Fibers. <i>Artificial Organs</i> , 2018 , 42, 540-548	2.6	7
336	Optimizing the Safety Profile of Everolimus by Delayed Initiation in De Novo Heart Transplant Recipients: Results of the Prospective Randomized Study EVERHEART. <i>Transplantation</i> , 2018 , 102, 493-501	1.8	16
335	Left ventricle assist devices and driveline's infection incidence: a single-centre experience. <i>Journal of Artificial Organs</i> , 2018 , 21, 52-60	1.8	17
334	Balloon-expandable transaortic transcatheter aortic valve implantation with or without predilation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 915-923	1.5	9
333	MicroRNA signatures in cardiac biopsies and detection of allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1329-1340	5.8	25
332	Treatment of aortic dissection involving the right coronary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 2084-2086	1.5	0
331	Acute DeBakey Type I aortic dissection without intimal tear in the arch: is total arch replacement the right choice?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 26, 84-90	1.8	11
330	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 445-446	2.7	1
329	Multimodal label-free ex vivo imaging using a dual-wavelength microscope with axial chromatic aberration compensation. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1-9	3.5	14
328	A sterilization method for decellularized xenogeneic cardiovascular scaffolds. <i>Acta Biomaterialia</i> , 2018 , 67, 282-294	10.8	36

327	Bioengineered tissue solutions for repair, correction and reconstruction in cardiovascular surgery. <i>Journal of Thoracic Disease</i> , 2018 , 10, S2390-S2411	2.6	24
326	Evaluation of Conduction Disorders After Aortic Valve Replacement With Rapid Deployment Bioprostheses. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 356-360	1.5	5
325	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	1.9	6
324	Reply to Tomlet et al. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 1148	3	
323	Transapical NeoChord mitral valve repair. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 812-820	4.7	42
322	Early and Mid-Term Results of Rapid Deployment Valves: The Intuity Italian Registry (INTU-ITA). <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1742-1749	2.7	17
321	Comprehensive effects of left ventricular assist device speed changes on alveolar gas exchange, sleep ventilatory pattern, and exercise performance. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1361-1371	5.8	23
320	In vitro comparative assessment of decellularized bovine pericardial patches and commercial bioprosthetic heart valves. <i>Biomedical Materials (Bristol)</i> , 2017 , 12, 015021	3.5	28
319	Does pre-existing aortic regurgitation protect from death in patients who develop paravalvular leak after TAVI?. <i>International Journal of Cardiology</i> , 2017 , 233, 52-60	3.2	12
318	CT for the Transapical Off-Pump Mitral Valve Repair With Neochord Implantation Procedure. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1397-1400	8.4	17
317	Transaortic transcatheter aortic valve implantation using SAPIEN XT or SAPIEN 3 valves in the ROUTE registry. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 25, 757-764	1.8	6
316	A predictive model for early mortality after surgical treatment of heart valve or prosthesis infective endocarditis. The EndoSCORE. <i>International Journal of Cardiology</i> , 2017 , 241, 97-102	3.2	27
315	Transaortic transcatheter aortic valve implantation as a first-line choice or as a last resort? An analysis based on the ROUTE registry. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 919-926	3	11
314	Decellularized Cryopreserved Allografts as Off-the-Shelf Allogeneic Alternative for Heart Valve Replacement: In Vitro Assessment Before Clinical Translation. <i>Journal of Cardiovascular Translational Research</i> , 2017 , 10, 93-103	3.3	18
313	Lvad pump speed increase is associated with increased peak exercise cardiac output and vo, postponed anaerobic threshold and improved ventilatory efficiency. <i>International Journal of Cardiology</i> , 2017 , 230, 28-32	3.2	32
312	Phonographic detection of mechanical heart valve thrombosis. <i>Journal of Artificial Organs</i> , 2017 , 20, 394-398	1.8	2
311	The Rapidly Evolving Concept of Whole Heart Engineering. <i>Stem Cells International</i> , 2017 , 2017, 89209405		17
310	Natural Scaffolds for Regenerative Medicine: Direct Determination of Detergents Entrapped in Decellularized Heart Valves. <i>BioMed Research International</i> , 2017 , 2017, 9274135	3	10

309	Comparison of hemodynamic and clinical outcomes of transcatheter and sutureless aortic bioprostheses: how to make the right choice in intermediate risk patients. <i>Annals of Cardiothoracic Surgery</i> , 2017 , 6, 510-515	4.7	4
308	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> , 2017 , 0	1.9	6
307	Patient-Specific Ventricular Access Site Selection for the NeoChord Mitral Valve Repair Procedure. <i>Annals of Thoracic Surgery</i> , 2017 , 104, e199-e202	2.7	18
306	Endovascular treatment of aortic arch aneurysm with a single-branched double-stage stent graft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, e75-e77	1.5	12
305	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). <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 874-880	3	7
304	Beating heart mitral valve repair with neochordae implantation: real-time monitoring of haemodynamic recovery. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 991-992	3	9
303	Thromboelastometry guided fibrinogen replacement therapy in cardiac surgery: a retrospective observational study. <i>Journal of Anesthesia</i> , 2017 , 31, 286-290	2.2	11
302	Impact of Changes in Left Ventricular Ejection Fraction on Survival After Transapical Aortic Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 559-566	2.7	6
301	Long-term outcomes and prosthesis performance after transcatheter aortic valve replacement: results of self-expandable and balloon-expandable transcatheter heart valves. <i>Annals of Cardiothoracic Surgery</i> , 2017 , 6, 473-483	4.7	27
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