

Gino Gerosa

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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	Incidence of chronic thromboembolic pulmonary hypertension after pulmonary embolism. <i>New England Journal of Medicine</i> , 2004 , 350, 2257-64	59.2	1327
451	Modulation of microRNA expression in human T-cell development: targeting of NOTCH3 by miR-150. <i>Blood</i> , 2011 , 117, 7053-62	2.2	176
450	Colchicine for prevention of postpericardiotomy syndrome and postoperative atrial fibrillation: the COPPS-2 randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 1016-23	37.4	175
449	Incidence, predictors, and outcome of conduction disorders after transcatheter self-expandable aortic valve implantation. <i>American Journal of Cardiology</i> , 2011 , 107, 747-54	3	142
448	Human amniotic fluid-derived stem cells are rejected after transplantation in the myocardium of normal, ischemic, immuno-suppressed or immuno-deficient rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 42, 746-59	5.8	127
447	Immune and nonimmune predictors of cardiac allograft vasculopathy onset and severity: multivariate risk factor analysis and role of immunosuppression. <i>American Journal of Transplantation</i> , 2004 , 4, 962-70	8.7	114
446	Replacement of the aortic valve or root with a pulmonary autograft in children. <i>Annals of Thoracic Surgery</i> , 1991 , 51, 424-9	2.7	102
445	Comparison of the aortic homograft and the pulmonary autograft for aortic valve or root replacement in children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1991 , 102, 51-61	1.5	99
444	Prevalence and Impact of Atrial Fibrillation in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement: An Analysis From the SOURCE XT Prospective Multicenter Registry. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 937-46	5	99
443	Feasibility and exploratory efficacy evaluation of the Embrella Embolic Deflector system for the prevention of cerebral emboli in patients undergoing transcatheter aortic valve replacement: the PROTAVI-C pilot study. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 1146-55	5	98
442	Sutureless aortic valve replacement as an alternative treatment for patients belonging to the "gray zone" between transcatheter aortic valve implantation and conventional surgery: a propensity-matched, multicenter analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 1010-6	1.5	95
441	Venoarterial Extracorporeal Membrane Oxygenation for Acute Fulminant Myocarditis in Adult Patients: A 5-Year Multi-Institutional Experience. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 919-26	2.7	92
440	Expanding the eligibility for transcatheter aortic valve implantation the trans-subclavian retrograde approach using: the III generation CoreValve revalving system. <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 828-33	5	92
439	Thermal analysis characterization of aortic tissues for cardiac valve bioprostheses. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 46, 531-8		86
438	First quantification of alpha-Gal epitope in current glutaraldehyde-fixed heart valve bioprostheses. <i>Xenotransplantation</i> , 2013 , 20, 252-61	2.8	84
437	Posttraumatic stress disorder and depression in heart transplantation recipients: the relationship with outcome and adherence to medical treatment. <i>General Hospital Psychiatry</i> , 2011 , 33, 1-7	5.6	84
436	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

435	Cell characterization of porcine aortic valve and decellularized leaflets repopulated with aortic valve interstitial cells: the VESALIO Project (Vitalitate Exornatum Succedaneum Aorticum Labore Ingenioso Obtenibitur). <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1274-82	2.7	76
434	Everolimus with reduced cyclosporine versus MMF with standard cyclosporine in de novo heart transplant recipients. <i>Transplantation</i> , 2009 , 88, 115-22	1.8	73
433	Aortic valve replacement in severe aortic stenosis with left ventricular dysfunction: determinants of cardiac mortality and ventricular function recovery. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 24, 879-85	3	73
432	Cell composition of the human pulmonary valve: a comparative study with the aortic valve--the VESALIO Project. Vitalitate Exornatum Succedaneum Aorticum labore Ingenoso Obtinebitur. <i>Annals of Thoracic Surgery</i> , 2000 , 70, 1594-600	2.7	73
431	Endothelin-1 and its mRNA in the wall layers of human arteries ex vivo. <i>Circulation</i> , 1999 , 99, 1147-55	16.7	72
430	Safety and effectiveness of a selective strategy for coronary artery revascularization before transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 81, 376-83 ⁷	2.7	70
429	The influence of heart valve leaflet matrix characteristics on the interaction between human mesenchymal stem cells and decellularized scaffolds. <i>Biomaterials</i> , 2009 , 30, 4104-16	15.6	68
428	Neovascularization induced by porous collagen scaffold implanted on intact and cryoinjured rat hearts. <i>Biomaterials</i> , 2007 , 28, 5449-61	15.6	68
427	Small aortic annulus: the hydrodynamic performances of 5 commercially available tissue valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 1058-64	1.5	65
426	Transcatheter aortic valve implantation in patients with severe left ventricular dysfunction: immediate and mid-term results, a multicenter study. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 253-60	6	64
425	Coronary flow velocity pattern and coronary flow reserve by contrast-enhanced transthoracic echocardiography predict long-term outcome in heart transplantation. <i>Circulation</i> , 2006 , 114, 149-55	16.7	64
424	Transapical off-pump mitral valve repair with Neochord implantation: Early clinical results. <i>International Journal of Cardiology</i> , 2016 , 204, 23-8	3.2	62
423	Results with SynCardia total artificial heart beyond 1 year. <i>ASAIO Journal</i> , 2014 , 60, 626-34	3.6	61
422	Decellularized allogeneic heart valves demonstrate self-regeneration potential after a long-term preclinical evaluation. <i>PLoS ONE</i> , 2014 , 9, e99593	3.7	61
421	Amniotic mesenchymal cells autotransplanted in a porcine model of cardiac ischemia do not differentiate to cardiogenic phenotypes. <i>European Journal of Cardio-thoracic Surgery</i> , 2005 , 28, 677-84	3	59
420	Influence of inflow cannula length in axial-flow pumps on neurologic adverse event rate: results from a multi-center analysis. <i>Journal of Heart and Lung Transplantation</i> , 2008 , 27, 253-60	5.8	56
419	Different cardiovascular potential of adult- and fetal-type mesenchymal stem cells in a rat model of heart cryoinjury. <i>Cell Transplantation</i> , 2008 , 17, 679-94	4	56
418	Measuring, modelling and testing ozone exposure, flux and effects on vegetation in southern European conditions--what does not work? A review from Italy. <i>Environmental Pollution</i> , 2007 , 146, 648-58 ³	9.3	56

417	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
416	Clinical and hemodynamic outcomes of "all-comers" undergoing transapical aortic valve implantation: results from the Italian Registry of Trans-Apical Aortic Valve Implantation (I-TA). <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 768-75	1.5	55
415	Lower incidence of cytomegalovirus infection with everolimus versus mycophenolate mofetil in de novo cardiac transplant recipients: a randomized, multicenter study. <i>Transplant Infectious Disease</i> , 2010 , 12, 23-30	2.7	55
414	Fifteen-year results with the Hancock II valve: a multicenter experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 602-9, 609.e1-4	1.5	54
413	First quantitative assay of alpha-Gal in soft tissues: presence and distribution of the epitope before and after cell removal from xenogeneic heart valves. <i>Acta Biomaterialia</i> , 2011 , 7, 1728-34	10.8	53
412	Valve replacement for severe aortic stenosis with low transvalvular gradient and left ventricular ejection fraction exceeding 0.50. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1808-15	2.7	52
411	Isolation of intact aortic valve scaffolds for heart-valve bioprostheses: extracellular matrix structure, prevention from calcification, and cell repopulation features. <i>Journal of Biomedical Materials Research - Part A</i> , 2003 , 67, 1338-50	5.4	51
410	Acute safety and efficacy of the NeoChord procedure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 20, 575-80; discussion 580-1	1.8	50
409	Similar efficacy and safety of enteric-coated mycophenolate sodium (EC-MPS, myfortic) compared with mycophenolate mofetil (MMF) in de novo heart transplant recipients: results of a 12-month, single-blind, randomized, parallel-group, multicenter study. <i>Journal of Heart and Lung Transplantation</i> , 2006 , 25, 935-41	5.8	50
408	Leaf morphology and chemistry in <i>Fagus sylvatica</i> (beech) trees as affected by site factors and ozone: results from CONECOFOR permanent monitoring plots in Italy. <i>Tree Physiology</i> , 2005 , 25, 211-9	4.2	50
407	Extracorporeal life support in cardiogenic shock: Impact of acute versus chronic etiology on outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 333-40	1.5	48
406	Ozone sensitivity of <i>Fagus sylvatica</i> and <i>Fraxinus excelsior</i> young trees in relation to leaf structure and foliar ozone uptake. <i>Environmental Pollution</i> , 2003 , 125, 91-8	9.3	48
405	Impact of preoperative mitral valve regurgitation on outcomes after transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 1271-6; discussion 1276-7	3	47
404	Alpha-Gal detectors in xenotransplantation research: a word of caution. <i>Xenotransplantation</i> , 2012 , 19, 215-20	2.8	45
403	The fate of Hancock II porcine valve recipients 25 years after implant. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 38, 141-6	3	45
402	Cardiac rehabilitation after transcatheter versus surgical prosthetic valve implantation for aortic stenosis in the elderly. <i>European Journal of Preventive Cardiology</i> , 2014 , 21, 1341-8	3.9	44
401	Medium term outcomes of transapical aortic valve implantation: results from the Italian Registry of Trans-Apical Aortic Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 830-5; discussion 836	2.7	44
400	Conventional surgery, sutureless valves, and transapical aortic valve replacement: what is the best option for patients with aortic valve stenosis? A multicenter, propensity-matched analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 1065-70; discussion 1070-1	1.5	43

399	Human cytomegalovirus-specific T-cell immune reconstitution in preemptively treated heart transplant recipients identifies subjects at critical risk for infection. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 1974-80	9.7	43
398	Fine structure of glycosaminoglycans from fresh and decellularized porcine cardiac valves and pericardium. <i>Biochemistry Research International</i> , 2012 , 2012, 979351	2.4	43
397	Transapical NeoChord mitral valve repair. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 812-820	4.7	42
396	Clones of interstitial cells from bovine aortic valve exhibit different calcifying potential when exposed to endotoxin and phosphate. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2165-72	9.4	41
395	Double crisscross sternal wiring and chest wound infections: a prospective randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1352-6	1.5	41
394	von Willebrand factor abnormalities in aortic valve stenosis: Pathophysiology and impact on bleeding. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 58-66	7	40
393	HeartWare ventricular assist device as bridge to transplant in children and adolescents. <i>Artificial Organs</i> , 2014 , 38, 418-22	2.6	39
392	Transapical off-pump mitral valve repair with Neochord Implantation (TOP-MINI): step-by-step guide. <i>Annals of Cardiothoracic Surgery</i> , 2015 , 4, 295-7	4.7	39
391	Mechanical testing of pericardium for manufacturing prosthetic heart valves. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 72-84	1.8	38
390	Visible leaf injury in young trees of <i>Fagus sylvatica</i> L. and <i>Quercus robur</i> L. in relation to ozone uptake and ozone exposure. An Open-Top Chambers experiment in South Alpine environmental conditions. <i>Environmental Pollution</i> , 2008 , 152, 274-84	9.3	38
389	Coronary flow reserve by contrast-enhanced echocardiography: a new noninvasive diagnostic tool for cardiac allograft vasculopathy. <i>American Journal of Transplantation</i> , 2006 , 6, 998-1003	8.7	38
388	Ozone sensitivity of currant tomato (<i>Lycopersicon pimpinellifolium</i>), a potential bioindicator species. <i>Environmental Pollution</i> , 2006 , 141, 275-82	9.3	38
387	PCI versus CABG for multivessel coronary disease in diabetics. <i>Catheterization and Cardiovascular Interventions</i> , 2009 , 73, 50-8	2.7	37
386	Validation of the stomatal flux approach for the assessment of ozone visible injury in young forest trees. Results from the TOP (transboundary ozone pollution) experiment at Curno, Italy. <i>Environmental Pollution</i> , 2009 , 157, 1497-505	9.3	37
385	The TRIBECA study: (TRI)fecta (B)ioprosthesi (E)valuation versus (C)arpentier Magna-Ease in (A)ortic position. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 478-85	3	36
384	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
383	3D-printing model for complex aortic transcatheter valve treatment. <i>International Journal of Cardiology</i> , 2016 , 210, 139-40	3.2	36
382	Physiological performance of a detergent decellularized heart valve implanted for 15 months in Vietnamese pigs: surgical procedure, follow-up, and explant inspection. <i>Artificial Organs</i> , 2012 , 36, E138-50	2.6	36

381	Coronary flow reserve by transthoracic echocardiography predicts epicardial intimal thickening in cardiac allograft vasculopathy. <i>American Journal of Transplantation</i> , 2010 , 10, 1668-76	8.7	36
380	Molecular evidence of male-biased dispersal in loggerhead turtle juveniles. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002 , 267, 139-145	2.1	36
379	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
378	A sterilization method for decellularized xenogeneic cardiovascular scaffolds. <i>Acta Biomaterialia</i> , 2018 , 67, 282-294	10.8	36
377	The rise of new technologies for aortic valve stenosis: A comparison of sutureless and transcatheter aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 152, 99-109	4.5	35
376	Cells, scaffolds and bioreactors for tissue-engineered heart valves: a journey from basic concepts to contemporary developmental innovations. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 523-313	3	35
375	Small aortic annulus: the hydrodynamic performances of 5 commercially available bileaflet mechanical valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 128, 457-62	1.5	34
374	First in human transcatheter COMBO mitral valve repair with direct ring annuloplasty and neo-chord 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
373	TEE-guided transapical beating-heart neo-chord implantation in mitral regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 322-3	8.4	33
372	Transapical aortic valve implantation: mid-term outcome from the SOURCE registry. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 505-11; discussion 511-2	3	33
371	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
370	Learning curve analysis of transapical NeoChord mitral valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 273-280	3	31
369	Can C4d immunostaining on endomyocardial biopsies be considered a prognostic biomarker in heart transplant recipients?. <i>Transplantation</i> , 2010 , 90, 791-8	1.8	31
368	Life-threatening anaphylactic shock caused by porcine heparin intravenous infusion during mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1194-5	1.5	30
367	Pharmacokinetics and variability of mycophenolic acid from enteric-coated mycophenolate sodium compared with mycophenolate mofetil in de novo heart transplant recipients. <i>Clinical Transplantation</i> , 2007 , 21, 18-23	3.8	29
366	Transcatheter Aortic Valve Replacement Using Transaortic Access: Experience From the Multicenter, Multinational, Prospective ROUTE Registry. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 1815-22	5	29
365	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
364	The last to die is hope: prolonged mechanical circulatory support with a Novacor left ventricular assist device as a bridge to transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 417-8	1.5	28

363	Present and future perspectives on total artificial hearts. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 595-607	4.7	28
362	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
361	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
360	Short and long term photosynthetic adjustments in sun and shade leaves of <i>Fagus sylvatica</i> L., investigated by fluorescence transient (FT) analysis. <i>Plant Biosystems</i> , 2012 , 146, 206-216	1.6	27
359	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). <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 1139-1148	3	26
358	Intravascular macrophages in cardiac allograft biopsies for diagnosis of early and late antibody-mediated rejection. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 404-9	5.8	26
357	Neuropsychological profile in a large group of heart transplant candidates. <i>PLoS ONE</i> , 2011 , 6, e28313	3.7	26
356	Leaflet escape in a new bileaflet mechanical valve: TRI technologies. <i>Circulation</i> , 2003 , 107, 2303-6	16.7	26
355	Aortic valve replacement with pulmonary homografts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 107, 424-437	1.5	26
354	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
353	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
352	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
351	Guided tissue regeneration in heart valve replacement: from preclinical research to first-in-human trials. <i>BioMed Research International</i> , 2015 , 2015, 432901	3	25
350	Role of morphologic parameters on endomyocardial biopsy to detect sub-clinical antibody-mediated rejection in heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 1381-8	5.8	25
349	Comparison of Different Algorithms for Stomatal Ozone Flux Determination from Micrometeorological Measurements. <i>Water, Air, and Soil Pollution</i> , 2007 , 179, 309-321	2.6	25
348	Totally endoscopic robotic-guided pulmonary veins ablation: an alternative method for the treatment of atrial fibrillation. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 26, 450-2	3	25
347	Expression and functional activity of CXCR-4 and CCR-5 chemokine receptors in human thymocytes. <i>Clinical and Experimental Immunology</i> , 2002 , 127, 321-30	6.2	25
346	The Pulmonary Valve. <i>ASAIO Journal</i> , 1994 , 40, 206-212	3.6	25

345	Impact of vacuum-assisted closure therapy on outcomes of sternal wound dehiscence □ <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 70-5	1.8	24
344	Impact of previous cardiac operations on patients undergoing transapical aortic valve implantation: results from the Italian Registry of Transapical Aortic Valve Implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 480-5	3	24
343	Heavy metals in tissues of loggerhead turtles (<i>Caretta caretta</i>) from the northwestern Adriatic Sea. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004 , 138, 187-94	3.2	24
342	Bioengineered tissue solutions for repair, correction and reconstruction in cardiovascular surgery. <i>Journal of Thoracic Disease</i> , 2018 , 10, S2390-S2411	2.6	24
341	Platelets express and release osteocalcin and co-localize in human calcified atherosclerotic plaques. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 357-65	15.4	23
340	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
339	Comparison of Efficacy and Cost of Iodine Impregnated Drape vs. Standard Drape in Cardiac Surgery: Study in 5100 Patients. <i>Journal of Cardiovascular Translational Research</i> , 2015 , 8, 431-7	3.3	22
338	Differential distribution of structural components and hydration in aortic and pulmonary heart valve conduits: Impact of detergent-based cell removal. <i>Acta Biomaterialia</i> , 2010 , 6, 4675-88	10.8	22
337	Early and long-term prognostic value of Troponin-I after cardiac surgery in newborns and children. <i>European Journal of Cardio-thoracic Surgery</i> , 2006 , 30, 250-5	3	22
336	Moderate-to-severe ischemic mitral regurgitation and multivessel coronary artery disease: Impact of different treatment on survival and rehospitalization. <i>International Journal of Cardiology</i> , 2006 , 111, 26-33	3.2	22
335	C2 is superior to C0 as predictor of renal toxicity and rejection risk profile in stable heart transplant recipients. <i>Transplant International</i> , 2005 , 18, 116-24	3	22
334	Mechanics of cryopreserved aortic and pulmonary homografts. <i>Journal of Heart Valve Disease</i> , 2000 , 9, 27-37		22
333	Responses to ozone on Populus "Oxford" clone in an open top chamber experiment assessed before sunrise and in full sunlight. <i>Photosynthetica</i> , 2013 , 51, 267-280	2.2	21
332	A novel kind of tumor type-characteristic junction: plakophilin-2 as a major protein of adherens junctions in cardiac myxomata. <i>Modern Pathology</i> , 2010 , 23, 1429-37	9.8	21
331	Left atrial radiofrequency ablation during cardiac surgery in patients with atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 1289-95	2.7	21
330	Hemorrhage and thrombosis with different LVAD technologies: a matter of flow?. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 582-4	4.7	21
329	Decellularized aortic conduits: could their cryopreservation affect post-implantation outcomes? A morpho-functional study on porcine homografts. <i>Heart and Vessels</i> , 2016 , 31, 1862-1873	2.1	21
328	Inflammatory cell burden and phenotype in endomyocardial biopsies with antibody-mediated rejection (AMR): a multicenter pilot study from the AECVP. <i>American Journal of Transplantation</i> , 2015 , 15, 526-34	8.7	20

327	TGF-beta1 pathway activation and adherens junction molecular pattern in nonsyndromic mitral valve prolapse. <i>Cardiovascular Pathology</i> , 2015 , 24, 359-67	3.8	20
326	A Comprehensive Comparison of Bovine and Porcine Decellularized Pericardia: New Insights for Surgical Applications. <i>Biomolecules</i> , 2020 , 10,	5.9	20
325	Less invasive surgical and perfusion technique for implantation of the Jarvik 2000 left ventricular assist device. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 712-4	2.7	20
324	Electromagnetic Scattering By an Object in Relativistic Translational Motion. <i>Journal of Electromagnetic Waves and Applications</i> , 2000 , 14, 1037-1062	1.3	20
323	SynCardia: the total artificial heart. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 612-20	4.7	20
322	Preservation strategies for decellularized pericardial scaffolds for off-the-shelf availability. <i>Acta Biomaterialia</i> , 2019 , 84, 208-221	10.8	20
321	Feasibility of anterior mitral leaflet flail repair with transapical beating-heart neochord implantation. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 1320-1	5	19
320	Electromagnetic Wave Scattering By a Perfectly Conducting Wedge in Uniform Translational Motion. <i>Journal of Electromagnetic Waves and Applications</i> , 2002 , 16, 345-364	1.3	19
319	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
318	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
317	Coronary microvascular dysfunction correlates with the new onset of cardiac allograft vasculopathy in heart transplant patients with normal coronary angiography. <i>American Journal of Transplantation</i> , 2015 , 15, 1400-6	8.7	18
316	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
315	Extracellular pyrophosphate is reduced in aortic interstitial valve cells acquiring a calcifying profile: implications for aortic valve calcification. <i>Atherosclerosis</i> , 2014 , 237, 568-76	3.1	18
314	Tissue-specific expression and regulatory networks of pig microRNAome. <i>PLoS ONE</i> , 2014 , 9, e89755	3.7	18
313	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
312	Nitinol flexigrip sternal closure system and chest wound infections: insight from a comparative analysis of complications and costs. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1848-53	2.7	18
311	Intracoronary artery shunt: an assessment of possible coronary artery wall damage. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 1160-2	1.5	18
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309	Generation of cattle knockout for galactose- β ,3-galactose and N-glycolylneuraminic acid antigens. <i>Xenotransplantation</i> , 2019 , 26, e12524	2.8	17
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