

Roberto Lorusso

List of Publications by Citations

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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.

354
papers

10,095
citations

46
h-index

92
g-index

429
ext. papers

14,193
ext. citations

3.9
avg, IF

6.06
L-index

#	Paper	IF	Citations
354	2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. <i>European Heart Journal</i> , 2020 , 41, 255-323	9.5	1360
353	2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS). <i>European Heart Journal</i> , 2020 , 41, 543-603	9.5	1043
352	Acute kidney injury: a relevant complication after cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 1539-47	2.7	604
351	2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS): The Task Force for the diagnosis and management of acute pulmonary embolism of the European Society of Cardiology (ESC). <i>European Respiratory Journal</i> , 2019 , 54,	13.6	413
350	Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. <i>Lancet, The</i> , 2020 , 396, 1071-1078	4.0	333
349	Initial ELSO Guidance Document: ECMO for COVID-19 Patients with Severe Cardiopulmonary Failure. <i>ASAIO Journal</i> , 2020 , 66, 472-474	3.6	178
348	Extracorporeal Life Support Organization Coronavirus Disease 2019 Interim Guidelines: A Consensus Document from an International Group of Interdisciplinary Extracorporeal Membrane Oxygenation Providers. <i>ASAIO Journal</i> , 2020 , 66, 707-721	3.6	163
347	Position paper for the organization of ECMO programs for cardiac failure in adults. <i>Intensive Care Medicine</i> , 2018 , 44, 717-729	14.5	162
346	Apoptosis in the skeletal muscle of patients with heart failure: investigation of clinical and biochemical changes. <i>British Heart Journal</i> , 2000 , 84, 431-7		142
345	In-Hospital Neurologic Complications in Adult Patients Undergoing Venoarterial Extracorporeal Membrane Oxygenation: Results From the Extracorporeal Life Support Organization Registry. <i>Critical Care Medicine</i> , 2016 , 44, e964-72	1.4	137
344	Modalities and Effects of Left Ventricle Unloading on Extracorporeal Life support: a Review of the Current Literature. <i>European Journal of Heart Failure</i> , 2017 , 19 Suppl 2, 84-91	12.3	131
343	Neurologic Injury in Adults Supported With Veno-Venous Extracorporeal Membrane Oxygenation for Respiratory Failure: Findings From the Extracorporeal Life Support Organization Database. <i>Critical Care Medicine</i> , 2017 , 45, 1389-1397	1.4	110
342	Haemodynamic effects of intravenous growth hormone in congestive heart failure. <i>Lancet, The</i> , 1997 , 349, 1067-8	4.0	108
341	Five-year echocardiographic results of combined undersized mitral ring annuloplasty and coronary artery bypass grafting for chronic ischaemic mitral regurgitation. <i>European Heart Journal</i> , 2008 , 29, 231-40	9.5	96
340	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
339	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
338	COVID-19 and ECMO: the interplay between coagulation and inflammation-a narrative review. <i>Critical Care</i> , 2020 , 24, 205	10.8	90

337	The Extracorporeal Life Support Organization Maastricht Treaty for Nomenclature in Extracorporeal Life Support. A Position Paper of the Extracorporeal Life Support Organization. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 447-451	10.2	90
336	Mitral valve repair or replacement for ischemic mitral regurgitation? The Italian Study on the Treatment of Ischemic Mitral Regurgitation (ISTIMIR). <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 128-39; discussion 137-8	1.5	87
335	Extracorporeal Membrane Oxygenation for COVID-19: Updated 2021 Guidelines from the Extracorporeal Life Support Organization. <i>ASAIO Journal</i> , 2021 , 67, 485-495	3.6	83
334	Similar long-term results of mitral valve repair for anterior compared with posterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 364-70	1.5	82
333	The 6-min walking test early after cardiac surgery. Reference values and the effects of rehabilitation programme. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 32, 724-9	3	76
332	Observational study on the beneficial effect of preoperative statins in reducing atrial fibrillation after coronary surgery. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1158-64	2.7	73
331	Randomized comparison of the clinical outcome of single versus multiple arterial grafts: the ROMA trial-rationale and study protocol. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 1031-1040	3	72
330	Valve repair for traumatic tricuspid regurgitation. <i>European Journal of Cardio-thoracic Surgery</i> , 1996 , 10, 867-73	3	69
329	Venoarterial Extracorporeal Membrane Oxygenation for Refractory Cardiogenic Shock in Elderly Patients: Trends in Application and Outcome From the Extracorporeal Life Support Organization (ELSO) Registry. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 62-69	2.7	64
328	Heparin-coated circuits for high-risk patients: a multicenter, prospective, randomized trial. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 994-1000	2.7	64
327	Insights on left ventricular and valvular mechanisms of recurrent ischemic mitral regurgitation after restrictive annuloplasty and coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 507-18	1.5	62
326	TAVR-associated prosthetic valve infective endocarditis: results of a large, multicenter registry. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 2176-8	15.1	60
325	Very long-term results (up to 17 years) with the double-orifice mitral valve repair combined with ring annuloplasty for degenerative mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 1019-24	1.5	60
324	Beat-to-beat analysis of left ventricular pressure-volume relation and stroke volume by conductance catheter and aortic Modelflow in cardiomyoplasty patients. <i>Circulation</i> , 1995 , 91, 2010-7	16.7	60
323	Minimal invasive surgery for atrial fibrillation: an updated review. <i>Europace</i> , 2013 , 15, 170-82	3.9	59
322	Meta-Analysis of Peripheral or Central Extracorporeal Membrane Oxygenation in Postcardiotomy and Non-Postcardiotomy Shock. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 311-321	2.7	58
321	Mitral valve periprosthetic leakage: Anatomical observations in 135 patients from a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2006 , 30, 887-91	3	57
320	Long-term follow-up (12 to 35 weeks) after dynamic cardiomyoplasty. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 758-67	15.1	57

319	Prevalence of comorbidities and associated cardiac diseases in patients with valve aortic stenosis. Potential implications for the decision-making process. <i>International Journal of Cardiology</i> , 2012 , 159, 94-9	3.2	54
318	Acute and short-term effects of partial left ventriculectomy in dilated cardiomyopathy: assessment by pressure-volume loops. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 2104-14	15.1	54
317	Suction due to left ventricular assist: implications for device control and management. <i>Artificial Organs</i> , 2007 , 31, 542-9	2.6	52
316	Impaired spontaneous growth hormone secretion in severe dilated cardiomyopathy. <i>American Heart Journal</i> , 1996 , 131, 620-2	4.9	52
315	Indications and outcomes of extracorporeal life support in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 84, 831-837	3.3	49
314	The hybrid approach for the surgical treatment of lone atrial fibrillation: one-year results employing a monopolar radiofrequency source. <i>Journal of Cardiothoracic Surgery</i> , 2012 , 7, 71	1.6	49
313	Extracorporeal membrane oxygenation for COVID-19: evolving outcomes from the international Extracorporeal Life Support Organization Registry. <i>Lancet, The</i> , 2021 , 398, 1230-1238	4.0	48
312	Influence of type 2 diabetes on functional and structural properties of coronary artery bypass conduits. <i>Diabetes</i> , 2003 , 52, 2814-20	0.9	47
311	Biological versus prosthetic ring in mitral-valve repair: enhancement of mitral annulus dynamics and left-ventricular function with pericardial annuloplasty at long term. <i>European Journal of Cardio-thoracic Surgery</i> , 2000 , 17, 431-9	3	47
310	Limb ischemia in peripheral veno-arterial extracorporeal membrane oxygenation: a narrative review of incidence, prevention, monitoring, and treatment. <i>Critical Care</i> , 2019 , 23, 266	10.8	46
309	Left ventricular reverse remodeling after undersized mitral ring annuloplasty in patients with ischemic regurgitation. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1319-30	2.7	46
308	Refractory spasm of coronary arteries and grafted conduits after isolated coronary artery bypass surgery. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 545-51	2.7	45
307	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
306	Treatment of refractory bleeding after cardiac operations with low-dose recombinant activated factor VII (NovoSeven): a propensity score analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 64-71	3	43
305	Aortic valve periprosthetic leakage: anatomic observations and surgical results. <i>Annals of Thoracic Surgery</i> , 2005 , 79, 1480-5	2.7	43
304	Left ventricular pressure-volume relationships before and after cardiomyoplasty in patients with heart failure. <i>Circulation</i> , 1997 , 96, 2978-86	16.7	43
303	Emergency surgery for native mitral valve endocarditis: the impact of septic and cardiogenic shock. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1469-76	2.7	42
302	Type 2 diabetes mellitus is associated with faster degeneration of bioprosthetic valve: results from a propensity score-matched Italian multicenter study. <i>Circulation</i> , 2012 , 125, 604-14	16.7	42

301	Long-term results of coronary artery bypass grafting procedure in the presence of left ventricular dysfunction and hibernating myocardium. <i>European Journal of Cardio-thoracic Surgery</i> , 2001 , 20, 937-48	3	40
300	Choosing the appropriate configuration and cannulation strategies for extracorporeal membrane oxygenation: the potential dynamic process of organ support and importance of hybrid modes. <i>European Journal of Heart Failure</i> , 2017 , 19 Suppl 2, 75-83	12.3	38
299	Impact of preoperative anterior leaflet tethering on the recurrence of ischemic mitral regurgitation and the lack of left ventricular reverse remodeling after restrictive annuloplasty. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 1365-75	5.8	38
298	Endocrine predictors of acute hemodynamic effects of growth hormone in congestive heart failure. <i>American Heart Journal</i> , 1999 , 137, 1035-43	4.9	37
297	ECMO for COVID-19 patients in Europe and Israel. <i>Intensive Care Medicine</i> , 2021 , 47, 344-348	14.5	37
296	Radial Artery Versus Right Internal Thoracic Artery Versus Saphenous Vein as the Second Conduit for Coronary Artery Bypass Surgery: A Network Meta-Analysis of Clinical Outcomes. <i>Journal of the American Heart Association</i> , 2019 , 8, e010839	6	36
295	Clinical complications during veno-arterial extracorporeal membrane oxygenation in post-cardiotomy and non post-cardiotomy shock: still the achille's heel. <i>Journal of Thoracic Disease</i> , 2018 , 10, 6993-7004	2.6	36
294	Minimally invasive thoracoscopic hybrid treatment of lone atrial fibrillation: early results of monopolar versus bipolar radiofrequency source. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012 , 14, 445-50	1.8	35
293	The ELSO Maastricht Treaty for ECLS Nomenclature: abbreviations for cannulation configuration in extracorporeal life support - a position paper of the Extracorporeal Life Support Organization. <i>Critical Care</i> , 2019 , 23, 36	10.8	34
292	Platelets and extra-corporeal membrane oxygenation in adult patients: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2020 , 46, 1154-1169	14.5	33
291	Extracorporeal membrane oxygenation in pediatric recipients of hematopoietic stem cell transplantation: an updated analysis of the Extracorporeal Life Support Organization experience. <i>Intensive Care Medicine</i> , 2014 , 40, 754-6	14.5	33
290	Hybrid extracorporeal membrane oxygenation. <i>Journal of Thoracic Disease</i> , 2018 , 10, S707-S715	2.6	33
289	Structured review of post-cardiotomy extracorporeal membrane oxygenation: part 1-Adult patients. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1125-1143	5.8	32
288	Allocating scarce intensive care resources during the COVID-19 pandemic: practical challenges to theoretical frameworks. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 430-434	35.1	32
287	Extracorporeal CO2 removal in critically ill patients: a systematic review. <i>Minerva Anestesiologica</i> , 2017 , 83, 762-772	1.9	31
286	Prevalence and Clinical Impact of Systemic Inflammatory Reaction After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 1682-1690	2.1	30
285	Impact of prophylactic intra-aortic balloon counter-pulsation on postoperative outcome in high-risk cardiac surgery patients: a multicentre, propensity-score analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 38, 585-91	3	30
284	Functional and histopathological improvement of the post-infarcted rat heart upon myoblast cell grafting and relaxin therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3437-48	5.6	30

283	Cost and cost-effectiveness of cardiac surgery in elderly patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 1062-73	1.5	29
282	Large Dual-Lumen Extracorporeal Membrane Oxygenation Cannulas Are Associated with More Intracranial Hemorrhage. <i>ASAIO Journal</i> , 2019 , 65, 674-677	3.6	28
281	Treatment strategies for post-infarction left ventricular free-wall rupture. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019 , 8, 379-387	4.3	28
280	Vascular complications following intra-aortic balloon pump implantation: an updated review. <i>Perfusion (United Kingdom)</i> , 2018 , 33, 96-104	1.9	28
279	Minimally invasive mitral valve surgery: a systematic review. <i>Minimally Invasive Surgery</i> , 2013 , 2013, 179569		28
278	Mitral valve surgery in emergency for severe acute regurgitation: analysis of postoperative results from a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 573-82	3	28
277	The double-orifice technique for mitral valve reconstruction: predictors of postoperative outcome. <i>European Journal of Cardio-thoracic Surgery</i> , 2001 , 20, 583-9	3	28
276	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
275	The introduction of a high-fidelity simulation program for training pediatric critical care personnel reduces the times to manage extracorporeal membrane oxygenation emergencies and improves teamwork. <i>Journal of Thoracic Disease</i> , 2018 , 10, 3409-3417	2.6	27
274	ELSO Interim Guidelines for Venoarterial Extracorporeal Membrane Oxygenation in Adult Cardiac Patients. <i>ASAIO Journal</i> , 2021 , 67, 827-844	3.6	26
273	Italian multicentre study on type A acute aortic dissection: a 33-year follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 125-31	3	25
272	Impact of autologous blood predonation on a comprehensive blood conservation program. <i>Annals of Thoracic Surgery</i> , 1995 , 59, 730-5	2.7	25
271	Brain monitoring in adult and pediatric ECMO patients: the importance of early and late assessments. <i>Minerva Anestesiologica</i> , 2017 , 83, 1061-1074	1.9	24
270	Treatment of lone atrial fibrillation: a look at the past, a view of the present and a glance at the future. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 1284-94	3	24
269	How often we need to measure brain natriuretic peptide (BNP) blood levels in patients admitted to the hospital for acute severe heart failure? Role of serial measurements to improve short-term prognostic stratification. <i>International Journal of Cardiology</i> , 2010 , 140, 88-94	3.2	23
268	Extracorporeal life support in the emergency department: A narrative review for the emergency physician. <i>Resuscitation</i> , 2018 , 133, 108-117	4	23
267	Succinate dehydrogenase gene mutations in cardiac paragangliomas. <i>American Journal of Cardiology</i> , 2015 , 115, 1753-9	3	22
266	Acute bowel ischemia after heart operations. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 2219-27	2.7	22

265	Longitudinal strain predicts left ventricular mass regression after aortic valve replacement for severe aortic stenosis and preserved left ventricular function. <i>Heart and Vessels</i> , 2013 , 28, 775-84	2.1	22
264	Role of growth hormone in chronic heart failure. Therapeutic implications. <i>Drugs</i> , 2000 , 60, 711-9	12.1	22
263	Conditions and procedures for in-hospital extracorporeal life support (ECLS) in cardiopulmonary resuscitation (CPR) of adult patients. <i>Perfusion (United Kingdom)</i> , 2016 , 31, 182-8	1.9	21
262	Research in Extracorporeal Life Support: A Call to Action. <i>Chest</i> , 2018 , 153, 788-791	5.3	21
261	Extracorporeal Membrane Oxygenation in Pregnant and Postpartum Women: A Systematic Review and Meta-Regression Analysis. <i>Journal of Intensive Care Medicine</i> , 2021 , 36, 220-228	3.3	21
260	Dynamic cardiomyoplasty as an effective therapy for dilated cardiomyopathy. <i>Journal of Cardiac Surgery</i> , 1993 , 8, 177-83	1.3	20
259	Early initiation of extracorporeal life support in refractory out-of-hospital cardiac arrest: Design and rationale of the INCEPTION trial. <i>American Heart Journal</i> , 2019 , 210, 58-68	4.9	20
258	Extracorporeal Membrane Oxygenation in Pregnancy: An Analysis of the Extracorporeal Life Support Organization Registry. <i>Critical Care Medicine</i> , 2020 , 48, 696-703	1.4	19
257	Sutureless aortic valve replacement: an alternative to transcatheter aortic valve implantation?. <i>Current Opinion in Cardiology</i> , 2013 , 28, 158-63	2.1	19
256	Six-minute walking test after cardiac surgery: instructions for an appropriate use. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009 , 16, 144-9		19
255	Cardiomyoplasty as an isolated procedure to treat refractory heart failure. <i>European Journal of Cardio-thoracic Surgery</i> , 1997 , 11, 363-72	3	19
254	Pressure and flow properties of cannulae for extracorporeal membrane oxygenation II: drainage (venous) cannulae. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 65-73	1.9	18
253	Morphology and pathophysiology of target anatomical sites for ablation procedures in patients with atrial fibrillation: part II: pulmonary veins, caval veins, ganglionated plexi, and ligament of Marshall. <i>International Journal of Cardiology</i> , 2013 , 168, 1769-78	3.2	18
252	Impact of increased transmitral gradients after undersized annuloplasty for chronic ischemic mitral regurgitation. <i>International Journal of Cardiology</i> , 2012 , 158, 71-7	3.2	18
251	Effects of 1:1, 1:2 or 1:3 intra-aortic balloon counterpulsation/heart support on coronary haemodynamics and cardiac contractile efficiency in an animal model of myocardial ischaemia/reperfusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 325-32; discussion 332	3	18
250	Functional effects of nitric oxide-releasing aspirin on vein conduits of diabetic patients undergoing CABG. <i>International Journal of Cardiology</i> , 2007 , 118, 164-9	3.2	18
249	In-hospital outcomes after emergency or prophylactic veno-arterial extracorporeal membrane oxygenation during transcatheter aortic valve implantation: a comprehensive review of the literature. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 354-363	1.9	18
248	Low cerebrovascular event rate in subjects with patent foramen ovale and different clinical presentations: results from a prospective non randomized study on a population including patients with and without patent foramen ovale closure. <i>International Journal of Cardiology</i> , 2012 , 156, 47-52	3.2	17

247	2020 EACTS/ELSO/STS/AATS expert consensus on post-cardiotomy extracorporeal life support in adult patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 12-53	3	16
246	Surgical treatment of isolated tricuspid valve infective endocarditis: 25-year results from a multicenter registry. <i>International Journal of Cardiology</i> , 2019 , 292, 62-67	3.2	15
245	Surgical Repair of Postinfarction Ventricular Septal Rupture: Systematic Review and Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 326-337	2.7	15
244	Contemporary use of arterial and venous conduits in coronary artery bypass grafting: anatomical, functional and clinical aspects. <i>Netherlands Heart Journal</i> , 2017 , 25, 4-13	2.2	15
243	Preliminary observations on haemodynamics during physiological stress conditions following double-orifice mitral valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2001 , 20, 262-8; discussion 268-9	3	15
242	Mitral valve repair for isolated prolapse of the anterior leaflet: an 11-year follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 1999 , 15, 119-26	3	15
241	Modifiable Risk Factors and Mortality From Ischemic and Hemorrhagic Strokes in Patients Receiving Venoarterial Extracorporeal Membrane Oxygenation: Results From the Extracorporeal Life Support Organization Registry. <i>Critical Care Medicine</i> , 2020 , 48, e897-e905	1.4	15
240	Ascending Aortic Dimensions in Hypertensive Subjects: Reference Values for Two-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016 , 29, 827-37	5.8	15
239	Left Ventricle Unloading with Veno-Arterial Extracorporeal Membrane Oxygenation for Cardiogenic Shock. Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	15
238	Pressure and flow properties of cannulae for extracorporeal membrane oxygenation I: return (arterial) cannulae. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 58-64	1.9	14
237	Cardiac surgery in adult patients with remitted or active malignancies: a review of preoperative screening, surgical management and short- and long-term postoperative results. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 10-18	3	14
236	Protracted aortic valve closure during peripheral veno-arterial extracorporeal life support: is intra-aortic balloon pump an effective solution?. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 35-41	1.9	14
235	Sutureless versus conventional bioprostheses for aortic valve replacement in severe symptomatic aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 920-932	1.5	14
234	Extracorporeal membrane oxygenation for COVID-19 during first and second waves. <i>Lancet Respiratory Medicine</i> , 2021 , 9, e80-e81	35.1	14
233	The flaws in the detail of an observational study on transcatheter aortic valve implantation versus surgical aortic valve replacement in intermediate-risks patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 1031-1035	3	13
232	Understanding the structural features of symptomatic calcific aortic valve stenosis: A broad-spectrum clinico-pathologic study in 236 consecutive surgical cases. <i>International Journal of Cardiology</i> , 2017 , 228, 364-374	3.2	13
231	Left ventricular diastolic function after restrictive mitral ring annuloplasty in chronic ischemic mitral regurgitation and its predictive value on outcome and recurrence of regurgitation. <i>International Journal of Cardiology</i> , 2009 , 132, 419-28	3.2	13
230	Temporary Mechanical Circulatory Support in Acute Heart Failure. <i>Cardiac Failure Review</i> , 2020 , 6, e01	4.2	13

229	The use of extracorporeal membrane oxygenation in the setting of postinfarction mechanical complications: outcome analysis of the Extracorporeal Life Support Organization Registry. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 31, 369-374	1.8	13
228	Extracorporeal membrane oxygenation (ECMO) and the acute respiratory distress syndrome (ARDS): a systematic review of pre-clinical models. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 18	3.7	12
227	Mechanical circulatory support for Takotsubo syndrome: a systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2020 , 316, 31-39	3.2	12
226	Extracorporeal membrane oxygenation without therapeutic anticoagulation in adults: A systematic review of the current literature. <i>International Journal of Artificial Organs</i> , 2020 , 43, 570-578	1.9	12
225	Management of acute left main obstruction after transcatheter aortic valve replacement: the "tunnel technique". <i>Cardiovascular Revascularization Medicine</i> , 2012 , 13, 142.e5-9	1.6	12
224	Human fibrinogen/thrombin-coated collagen patch to control intraoperative severe pulmonary hemorrhage and air leakage after correction of a ruptured thoracic aortic aneurysm. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 917-9	2.7	12
223	Atorvastatin attenuates post-implant tissue degeneration of cardiac prosthetic valve bovine pericardial tissue in a subcutaneous animal model. <i>International Journal of Cardiology</i> , 2010 , 141, 68-74	3.2	12
222	Surgical ablation in patients undergoing mitral valve surgery: impact of lesion set and surgical techniques on long-term success. <i>Europace</i> , 2016 , 18, 1528-1537	3.9	12
221	2020 EACTS/ELSO/STS/AATS Expert Consensus on Post-Cardiotomy Extracorporeal Life Support in Adult Patients. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 327-369	2.7	12
220	2020 EACTS/ELSO/STS/AATS expert consensus on post-cardiotomy extracorporeal life support in adult patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1287-1331	1.5	12
219	Principlism and Personalism. Comparing Two Ethical Models Applied Clinically in Neonates Undergoing Extracorporeal Membrane Oxygenation Support. <i>Frontiers in Pediatrics</i> , 2019 , 7, 312	3.4	11
218	Open radial artery harvesting better preserves endothelial function compared to the endoscopic approach. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 29, 561-567	1.8	11
217	Is ganglionated plexi ablation during Maze IV procedure beneficial for postoperative long-term stable sinus rhythm?. <i>International Journal of Cardiology</i> , 2015 , 192, 40-8	3.2	11
216	Extracorporeal membrane oxygenation without systemic anticoagulation: a case-series in challenging conditions. <i>Journal of Thoracic Disease</i> , 2020 , 12, 2113-2119	2.6	11
215	Monitoring of Unfractionated Heparin in Severe COVID-19: An Observational Study of Patients on CRRT and ECMO. <i>TH Open</i> , 2020 , 4, e365-e375	2.7	11
214	Antiplatelet versus oral anticoagulant therapy as antithrombotic prophylaxis after mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1302-8.e1	1.5	11
213	Sutureless versus Stented Bioprostheses for Aortic Valve Replacement: The Randomized PERSIST-AVR Study Design. <i>Thoracic and Cardiovascular Surgeon</i> , 2020 , 68, 114-123	1.6	11
212	Extracorporeal cardiopulmonary resuscitation in adults: evidence and implications. <i>Intensive Care Medicine</i> , 2021 , 1	14.5	11

211	Surgery for prosthetic valve endocarditis: a retrospective study of a national registry. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 105-111	3	10
210	Aorto-atrial fistula formation and closure: a systematic review. <i>Journal of Thoracic Disease</i> , 2019 , 11, 1031-1046	2.6	10
209	Pulmonary artery cannulation to enhance extracorporeal membrane oxygenation management in acute cardiac failure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 30, 215-222	1.8	10
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105	Veno-Arterial Extracorporeal Life Support in Heart Transplant and Ventricle Assist Device Centres. Meta-analysis. <i>ESC Heart Failure</i> , 2021 , 8, 1064-1075	3.7	3
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