

Aron-Frederik Popov

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171
papers

2,206
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187
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2,659
ext. citations

2.7
avg, IF

4.38
L-index

#	Paper	IF	Citations
171	Evaluation of the organ care system in heart transplantation with an adverse donor/recipient profile. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 2099-105; discussion 2105-6	2.7	87
170	Cardiac Hypertrophy: An Introduction to Molecular and Cellular Basis. <i>Medical Science Monitor Basic Research</i> , 2016 , 22, 75-9	3.2	83
169	HeartWare left ventricular assist device implantation through bilateral anterior thoracotomy. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 674-6	2.7	83
168	Clinical experience with HeartWare left ventricular assist device in patients with end-stage heart failure. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 810-5	2.7	71
167	Concurrent Left Ventricular Assist Device (LVAD) Implantation and Percutaneous Temporary RVAD Support via CardiacAssist Protek-Duo TandemHeart to Preempt Right Heart Failure. <i>Medical Science Monitor Basic Research</i> , 2016 , 22, 53-7	3.2	50
166	Impact of statin therapy on mortality in patients with sepsis-associated acute respiratory distress syndrome (ARDS) depends on ARDS severity: a prospective observational cohort study. <i>BMC Medicine</i> , 2015 , 13, 128	11.4	48
165	Bioartificial heart: a human-sized porcine model--the way ahead. <i>PLoS ONE</i> , 2014 , 9, e111591	3.7	47
164	Antioxidant supplementations for prevention of atrial fibrillation after cardiac surgery: an updated comprehensive systematic review and meta-analysis of 23 randomized controlled trials. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 18, 646-54	1.8	46
163	Late INa increases diastolic SR-Ca ²⁺ -leak in atrial myocardium by activating PKA and CaMKII. <i>Cardiovascular Research</i> , 2015 , 107, 184-96	9.9	43
162	Lungs from donation after circulatory death donors: an alternative source to brain-dead donors? Midterm results at a single institution. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 542-9	3	43
161	Central extracorporeal life support with left ventricular decompression for the treatment of refractory cardiogenic shock and lung failure. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 60	1.6	42
160	Outcomes and predictors of early mortality after continuous-flow left ventricular assist device implantation as a bridge to transplantation. <i>ASAIO Journal</i> , 2014 , 60, 162-9	3.6	40
159	Extracorporeal Life Support in "Awake" Patients as a Bridge to Lung Transplant. <i>Thoracic and Cardiovascular Surgeon</i> , 2015 , 63, 699-705	1.6	37
158	Risk factors predictive of one-year mortality after lung transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, e82-8	3	35
157	Experiences with surgical treatment of ventricle septal defect as a post infarction complication. <i>Journal of Cardiothoracic Surgery</i> , 2009 , 4, 3	1.6	35
156	Extracorporeal circulation for rewarming in drowning and near-drowning pediatric patients. <i>Artificial Organs</i> , 2010 , 34, 1026-30	2.6	35
155	Perfusion-Decellularization of Porcine Lung and Trachea for Respiratory Bioengineering. <i>Artificial Organs</i> , 2015 , 39, 1024-32	2.6	33

154	Gender differences in continuous-flow left ventricular assist device therapy as a bridge to transplantation: a risk-adjusted comparison using a propensity score-matching analysis. <i>Artificial Organs</i> , 2015 , 39, 212-9	2.6	32
153	Long-term results after lung transplantation using organs from circulatory death donors: a propensity score-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 46-53	3	31
152	Strategies Preventing Contrast-Induced Nephropathy After Coronary Angiography: A Comprehensive Meta-Analysis and Systematic Review of 125 Randomized Controlled Trials. <i>Angiology</i> , 2017 , 68, 389-413	2.1	31
151	Prediction of New-Onset and Recurrent Atrial Fibrillation by Complete Blood Count Tests: A Comprehensive Systematic Review with Meta-Analysis. <i>Medical Science Monitor Basic Research</i> , 2017 , 23, 179-222	3.2	30
150	Outcomes after implantation of 139 full-support continuous-flow left ventricular assist devices as a bridge to transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, e59-66	3	30
149	Effectiveness of an intravascular cooling method compared with a conventional cooling technique in neurologic patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2007 , 19, 130-5	3	30
148	Haematological indices as predictors of atrial fibrillation following isolated coronary artery bypass grafting, valvular surgery, or combined procedures: a systematic review with meta-analysis. <i>Kardiologia Polska</i> , 2018 , 76, 107-118	0.9	30
147	Influence of donor smoking on midterm outcomes after lung transplantation. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1015-21	2.7	28
146	Ex vivo lung perfusion - state of the art in lung donor pool expansion. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 9-14	3.2	28
145	Surgery for Infective Endocarditis: Outcomes and Predictors of Mortality in 360 Consecutive Patients. <i>Medical Science Monitor</i> , 2017 , 23, 3617-3626	3.2	26
144	Baseline and postoperative levels of C-reactive protein and interleukins as inflammatory predictors of atrial fibrillation following cardiac surgery: a systematic review and meta-analysis. <i>Kardiologia Polska</i> , 2018 , 76, 440-451	0.9	26
143	Ex vivo heart perfusion after cardiocirculatory death; a porcine model. <i>Journal of Surgical Research</i> , 2015 , 195, 311-4	2.5	25
142	Axillar or Aortic Cannulation for Aortic Repair in Patients With Stanford A Dissection?. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 787-794	2.7	25
141	Minimally Invasive Left Ventricular Assist Device Implantation: A Comparative Study. <i>Artificial Organs</i> , 2018 , 42, 1125-1131	2.6	24
140	Utilization of the organ care system - a game-changer in combating donor organ shortage. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 29-32	3.2	23
139	Chronic kidney disease is associated with a higher 90-day mortality than other chronic medical conditions in patients with sepsis. <i>Scientific Reports</i> , 2015 , 5, 10539	4.9	23
138	Predictive Role of Coagulation, Fibrinolytic, and Endothelial Markers in Patients with Atrial Fibrillation, Stroke, and Thromboembolism: A Meta-Analysis, Meta-Regression, and Systematic Review. <i>Medical Science Monitor Basic Research</i> , 2017 , 23, 97-140	3.2	23
137	Does postoperative blood pressure influence development of aortic regurgitation following continuous-flow left ventricular assist device implantation?. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 788-94	3	21

136	Surgical treatment of infective endocarditis in active intravenous drug users: a justified procedure?. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 58	1.6	21
135	Extracorporeal life support with left ventricular decompression-improved survival in severe cardiogenic shock: results from a retrospective study. <i>PeerJ</i> , 2017 , 5, e3813	3.1	21
134	The role of cardiopulmonary bypass in lung transplantation. <i>Clinical Transplantation</i> , 2016 , 30, 202-9	3.8	20
133	Continuous-Flow Left Ventricular Assist Device Thrombosis: A Danger Foreseen is a Danger Avoided. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 141-4	3.2	19
132	Primary bacteraemia is associated with a higher mortality risk compared with pulmonary and intra-abdominal infections in patients with sepsis: a prospective observational cohort study. <i>BMJ Open</i> , 2015 , 5, e006616	3	19
131	Utilization of the organ care system for bilateral lung transplantation: preliminary results of a comparative study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 351-7	1.8	18
130	Ninety-day survival rate of patients with sepsis relates to programmed cell death 1 genetic polymorphism rs11568821. <i>Journal of Investigative Medicine</i> , 2014 , 62, 638-43	2.9	18
129	The eNOS 786C/T polymorphism in cardiac surgical patients with cardiopulmonary bypass is associated with renal dysfunction. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 36, 651-6	3	18
128	Influence of history of cannabis smoking in selected donors on the outcomes of lung transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 142-147	3	16
127	Outcomes of minimally invasive lung transplantation in a single centre: the routine approach for the future or do we still need clamshell incision?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 537-45	1.8	16
126	The CD14 rs2569190 TT Genotype Is Associated with an Improved 30-Day Survival in Patients with Sepsis: A Prospective Observational Cohort Study. <i>PLoS ONE</i> , 2015 , 10, e0127761	3.7	16
125	Platelets Cellular and Functional Characteristics in Patients with Atrial Fibrillation: A Comprehensive Meta-Analysis and Systematic Review. <i>Medical Science Monitor Basic Research</i> , 2017 , 23, 58-86	3.2	16
124	Results of concomitant groin-free percutaneous temporary RVAD support using a centrifugal pump with a double-lumen jugular venous cannula in LVAD patients. <i>Journal of Thoracic Disease</i> , 2019 , 11, S913-S920 ¹⁵	2.6	15
123	Preoperative predictors and outcomes of right ventricular assist device implantation after continuous-flow left ventricular assist device implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1651-8	1.5	15
122	Perioperative outcomes of cardiac surgery patients with ongoing ticagrelor therapy: boon and bane of a new drug. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 198-205	3	15
121	Hemodynamic changes in a model of chronic heart failure induced by multiple sequential coronary microembolization in sheep. <i>Artificial Organs</i> , 2009 , 33, 947-52	2.6	15
120	Impact of endothelin-1 Lys198Asn polymorphism on coronary artery disease and endorgan damage in hypertensives. <i>Coronary Artery Disease</i> , 2008 , 19, 429-34	1.4	15
119	Impact of antioxidant supplementations on cardio-renal protection in cardiac surgery: an updated and comprehensive meta-analysis and systematic review. <i>Cardiovascular Therapeutics</i> , 2016 , 34, 360-70	3.3	14

118	Reprogramming of Urine-Derived Renal Epithelial Cells into iPSCs Using srRNA and Consecutive Differentiation into Beating Cardiomyocytes. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 17, 907-921	10.7	13
117	Protective effects of corticosteroids in coronary artery bypass graft surgery alone or combined with valvular surgery: an updated and comprehensive meta-analysis and systematic review. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 20, 825-36	1.8	13
116	Continuous-flow left ventricular assist device therapy in patients with preoperative hepatic failure: are we pushing the limits too far?. <i>Artificial Organs</i> , 2015 , 39, 336-42	2.6	13
115	Use of taurolidine in lung transplantation for cystic fibrosis and impact on bacterial colonization. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 603-609	3	13
114	Past and Present of Total Artificial Heart Therapy: A Success Story. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 183-90	3.2	13
113	Does CircuLite Synergy assist device as partial ventricular support have a place in modern management of advanced heart failure?. <i>Expert Review of Medical Devices</i> , 2015 , 12, 49-60	3.5	12
112	The FER rs4957796 TT genotype is associated with unfavorable 90-day survival in Caucasian patients with severe ARDS due to pneumonia. <i>Scientific Reports</i> , 2017 , 7, 9887	4.9	11
111	Minimally invasive access for central extracorporeal life support: how we do it. <i>Artificial Organs</i> , 2015 , 39, 179-81	2.6	11
110	Total Arterial Revascularization: Bypassing Antiquated Notions to Better Alternatives for Coronary Artery Disease. <i>Medical Science Monitor Basic Research</i> , 2016 , 22, 107-114	3.2	11
109	Cardiac Surgery in Patients With Previous Hepatic or Renal Transplantation: A Pair-Matched Study. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1467-1474	2.7	10
108	Administration of erythropoietin in patients with myocardial infarction: does it make sense? An updated and comprehensive meta-analysis and systematic review. <i>Cardiovascular Revascularization Medicine</i> , 2015 , 16, 179-89	1.6	10
107	Minimally invasive HeartWare LVAD implantation through single left thoracotomy. <i>Journal of Artificial Organs</i> , 2015 , 18, 170-2	1.8	10
106	Outcomes after different non-sternotomy approaches to left single-vessel revascularization: a comparative study with up to 10-year follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, e48-55	3	10
105	A three-group model to predict mortality in emergent coronary artery bypass graft surgery. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 1433-9	2.7	10
104	Lung transplantation in chronic obstructive pulmonary disease: long-term survival, freedom from bronchiolitis obliterans syndrome, and factors influencing outcome. <i>Clinical Transplantation</i> , 2015 , 29, 383-92	3.8	9
103	Contemporary review of the organ care system in lung transplantation: potential advantages of a portable ex-vivo lung perfusion system. <i>Expert Review of Medical Devices</i> , 2016 , 13, 1035-1041	3.5	9
102	When the Battle is Lost and Won: Delayed Chest Closure After Bilateral Lung Transplantation. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 222-5	3.2	9
101	Midterm results after arterial switch operation for transposition of the great arteries: a single centre experience. <i>Journal of Cardiothoracic Surgery</i> , 2012 , 7, 83	1.6	9

100	Successful treatment of novel H1N1 influenza related fulminant myocarditis with extracorporeal life support. <i>Journal of Cardiothoracic Surgery</i> , 2011 , 6, 164	1.6	9
99	CTLA-4 Genetic Variants Predict Survival in Patients with Sepsis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	9
98	Challenging immunosuppression treatment in lung transplant recipients with kidney failure. <i>Transplant Immunology</i> , 2016 , 35, 18-22	1.7	8
97	Comparison of temporary ventricular assist devices and extracorporeal life support in post-cardiotomy cardiogenic shock. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 863-869	1.8	8
96	Outcomes after implantation of partial-support left ventricular assist devices in inotropic-dependent patients: Do we still need full-support assist devices?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1115-21; discussion 1021-2	1.5	8
95	Comparison of left ventricular geometry after HeartMate II and HeartWare left ventricular assist device implantation. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 31	1.6	8
94	Safety and efficacy of glucose-insulin-potassium treatment in coronary artery bypass graft surgery and percutaneous coronary intervention. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 21, 667-76	1.8	8
93	Reduced sevoflurane loss during cardiopulmonary bypass when using a polymethylpentane versus a polypropylene oxygenator. <i>International Journal of Artificial Organs</i> , 2013 , 36, 233-9	1.9	8
92	Position of totally thoracoscopic surgical ablation in the treatment of atrial fibrillation: an alternative method of conduction testing. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 76-80	3.2	8
91	The CTLA-4 rs231775 GG genotype is associated with favorable 90-day survival in Caucasian patients with sepsis. <i>Scientific Reports</i> , 2018 , 8, 15140	4.9	8
90	Impact of gender on long-term outcomes after surgical repair for acute Stanford A aortic dissection: a propensity score matched analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 24, 702-707	1.8	7
89	Extracorporeal life support in patients with refractory cardiogenic shock: keep them awake. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 20, 755-60	1.8	7
88	Suicidal hanging donors for lung transplantation: Is this chapter still closed? Midterm experience from a single center in United Kingdom. <i>Medicine (United States)</i> , 2018 , 97, e0064	1.8	7
87	Mitral commissurotomy through the left ventricle apical orifice with Heart Ware left ventricular assist device implantation. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 147	1.6	7
86	Six-years survival and predictors of mortality after CABG using cold vs. warm blood cardioplegia in elective and emergent settings. <i>Journal of Cardiothoracic Surgery</i> , 2015 , 10, 180	1.6	7
85	Mechanical aortic valve replacement in children and adolescents after previous repair of congenital heart disease. <i>Artificial Organs</i> , 2009 , 33, 915-21	2.6	7
84	Aortic valve surgery in congenital heart disease: a single-center experience. <i>Artificial Organs</i> , 2010 , 34, E85-90	2.6	7
83	Accelerated intimal hyperplasia in aortocoronary internal mammary vein grafts in minipigs. <i>Journal of Cardiothoracic Surgery</i> , 2008 , 3, 20	1.6	7

82	Non-Heart-Beating Donor Heart Transplantation: Breaking the Taboo. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 153-6	3.2	7
81	Aortic Valve Neocuspidization with Glutaraldehyde-Treated Autologous Pericardium (Ozaki Procedure) - A Promising Surgical Technique. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2019 , 34, 610-614	1.4	7
80	Protective effects of anti-oxidant supplementations on contrast-induced nephropathy after coronary angiography: an updated and comprehensive meta-analysis and systematic review. <i>Kardiologia Polska</i> , 2016 , 74, 610-26	0.9	7
79	Comparison of Outcomes of Coronary Artery Bypass Grafting Using Internal Mammary Graft Versus Percutaneous Coronary Intervention for Isolated Proximal Left Anterior Descending Narrowing. <i>American Journal of Cardiology</i> , 2017 , 119, 719-726	3	6
78	Repair or Replacement for Isolated Tricuspid Valve Pathology? Insights from a Surgical Analysis on Long-Term Survival. <i>Medical Science Monitor</i> , 2017 , 23, 1017-1025	3.2	6
77	Primary pulmonary blastoma of monophasic variety--diagnosis and management. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 144	1.6	6
76	Central Extracorporeal Life Support With Left Ventricular Decompression to Berlin Heart Excor: A Reliable "Bridge to Bridge" Strategy in Crash and Burn Patients. <i>Artificial Organs</i> , 2017 , 41, 519-528	2.6	6
75	Perioperative Blood Glucose Levels . <i>Medicine (United States)</i> , 2015 , 94, e2035	1.8	6
74	Appropriate bolus administration of glycoprotein IIb/IIIa inhibitors for patients with acute coronary syndromes undergoing percutaneous coronary intervention: intracoronary or intravenous? A comprehensive and updated meta-analysis and systematic review. <i>Kardiologia Polska</i> , 2016 , 74, 104-18	0.9	6
73	First experience with the Synergy Micro-Pump in patients in INTERMACS class 1-2 as a bridge to transplantation: pushing the limits?. <i>Artificial Organs</i> , 2015 , 39, 118-25	2.6	5
72	Thrombogenicity and Antithrombotic Strategies in Structural Heart Interventions and Nonaortic Cardiac Device Therapy-Current Evidence and Practice. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 1590-1605	7.5	5
71	A novel treatment strategy of new onset atrial fibrillation after cardiac surgery: an observational prospective study. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 83	1.6	5
70	Current status of sodium bicarbonate in coronary angiography: an updated comprehensive meta-analysis and systematic review. <i>Cardiology Research and Practice</i> , 2015 , 2015, 690308	1.9	5
69	Acute aortic dissection type A discloses Corpus alienum. <i>Journal of Cardiothoracic Surgery</i> , 2009 , 4, 1	1.6	5
68	Total Artificial Heart Implantation After Undifferentiated High-Grade Sarcoma Excision. <i>Medical Science Monitor Basic Research</i> , 2016 , 22, 128-131	3.2	5
67	Favorable 90-Day Mortality in Obese Caucasian Patients with Septic Shock According to the Sepsis-3 Definition. <i>Journal of Clinical Medicine</i> , 2019 , 9,	5.1	5
66	The role of extracorporeal life support in the management with severe idiopathic pulmonary artery hypertension undergoing lung transplantation: are those patients referred too late?. <i>Journal of Thoracic Disease</i> , 2019 , 11, S929-S937	2.6	4
65	Expert Consensus Paper: Lateral Thoracotomy for Centrifugal Ventricular Assist Device Implant. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1687-1697	2.7	4

64	Repeat left ventricular assist device exchange with inflow or outflow correction for recurrent pump thrombosis and cerebral haemorrhage through limited incisions. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 781-783	3	4
63	Oxygenator in short-term LVAD circuit: a rescue in post-LVAD pulmonary complications. <i>Perfusion (United Kingdom)</i> , 2016 , 31, 608-10	1.9	4
62	No-clamp technique for pulmonary artery and venous anastomoses in lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 1133-8	5.8	4
61	Salvage myocardial revascularisation in spontaneous left main coronary artery dissection with cardiogenic shock - the role of mechanical circulatory support. <i>Perfusion (United Kingdom)</i> , 2017 , 32, 1711-173	1.9	4
60	The Ross procedure: suitable for everyone?. <i>Expert Review of Cardiovascular Therapy</i> , 2014 , 12, 549-56	2.5	4
59	Re-do aortic operation in a young patient for aggressive Takayasu's arteritis. <i>Journal of Cardiothoracic Surgery</i> , 2012 , 7, 91	1.6	4
58	Feasibility of implantable cardioverter defibrillator treatment in five patients with familial Friedrich's ataxia--a case series. <i>Artificial Organs</i> , 2010 , 34, 1061-5	2.6	4
57	Reoperations in adults after correction of tetralogy of Fallot. <i>ASAIO Journal</i> , 2008 , 54, 556-7	3.6	4
56	Anaemia requiring red blood cell transfusion is associated with unfavourable 90-day survival in surgical patients with sepsis. <i>BMC Research Notes</i> , 2018 , 11, 879	2.3	4
55	Long term biventricular support with Berlin Heart Excor in a Septuagenarian with giant-cell myocarditis. <i>Journal of Cardiothoracic Surgery</i> , 2015 , 10, 14	1.6	3
54	Severe bilateral isolated coronary ostial lesions as a rare manifestation of radiation-induced cardiac disease A case report. <i>Medicine (United States)</i> , 2018 , 97, e9867	1.8	3
53	Peripheral nerve blocks give greater hemodynamic stability than general anesthesia for ASA III patients undergoing outpatient knee arthroscopy. <i>Open Medicine (Poland)</i> , 2013 , 8, 436-442	2.2	3
52	Reconstruction of extrapericardial rupture of inferior vena cava without cardiopulmonary bypass due to blunt trauma. <i>Annals of Thoracic Surgery</i> , 2013 , 95, e73	2.7	3
51	Full-Support LVAD Implantation in a C-Pulse Heart Assist System Recipient with Deteriorating Chronic Heart Failure: Is It Feasible and Safe?. <i>ASAIO Journal</i> , 2016 , 62, e55-e57	3.6	3
50	Lack of an Association between the Functional Polymorphism TREM-1 rs2234237 and the Clinical Course of Sepsis among Critically Ill Caucasian Patients-A Monocentric Prospective Genetic Association Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	2
49	Around and around the merry-go-round: multiple implantations of short- and long-term ventricular assist devices in a patient with severe heart failure. <i>Journal of Artificial Organs</i> , 2015 , 18, 166-9	1.8	2
48	Upgrade ambulatory extra-aortic counterpulsation to full-support LVAD. <i>JACC: Heart Failure</i> , 2015 , 3, 342-3	7.9	2
47	Surgical resection of a huge ruptured mature mediastinal teratoma. <i>Asian Cardiovascular and Thoracic Annals</i> , 2016 , 24, 726-8	0.6	2

46	Extended Recipient Criteria in Lung Transplantation: Impact of Pleural Abnormalities on Primary Graft Dysfunction. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 2112-9	2.7	2
45	Surgical implantation of a biventricular pacing system via lower half mini sternotomy. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 5	1.6	2
44	Aortic surgery after previous procedure of congenital aortic stenosis. <i>Artificial Organs</i> , 2013 , 37, 92-6	2.6	2
43	Voriconazole tolerability in lung transplant recipients: Is N-oxide metabolite responsible for phototoxicity?. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 1354-5	5.8	2
42	Simple and non-invasive techniques to evaluate the function of CircuLite Synergy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 738-42	1.8	2
41	Challenging treatment of an infected CircuLite Synergy micropump after pump thrombosis due to subtherapeutic anticoagulation therapy: pushing the limits?. <i>Artificial Organs</i> , 2014 , 38, 900-3	2.6	2
40	Cardiopulmonary bypass and its direct effects on neonatal piglet kidney morphology. <i>Artificial Organs</i> , 2011 , 35, 1103-5	2.6	2
39	Bilateral lobar lung transplantation using H1N1-positive lungs in the presence of anti-HLA antibodies. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 108-9	10.2	2
38	Video assisted thoracoscopic sympathectomy for intractable recurrent VT after minimal-invasive LVAD implantation. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 1708-1710	1.3	2
37	Moving Back to the Future: Use of Organ Care System Lung for Lobectomy Before Lobar Lung Transplantation. <i>Medical Science Monitor Basic Research</i> , 2016 , 22, 70-4	3.2	2
36	Genetic Polymorphisms in Endothelin-1 as Predictors for Long-Term Survival and the Cardiac Index in Patients Undergoing On-Pump Cardiac Surgery. <i>PLoS ONE</i> , 2015 , 10, e0131155	3.7	2
35	Mid-to-long term mortality following surgical versus percutaneous coronary revascularization stratified according to stent subtype: An analysis of 6,682 patients with multivessel disease. <i>PLoS ONE</i> , 2018 , 13, e0191554	3.7	2
34	TIM-3 Genetic Variants Are Associated with Altered Clinical Outcome and Susceptibility to Gram-Positive Infections in Patients with Sepsis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
33	Mechanical circulatory support for cardiovascular complications in a young COVID-19 patient. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 3173-3175	1.3	2
32	Competing Flow Between Partial Circulatory Support and Native Cardiac Output: A Clinical Computational Fluid Dynamics Study. <i>ASAIO Journal</i> , 2018 , 64, 636-642	3.6	1
31	GORD symptoms in lung transplantation: how efficient is the reflux symptom index questionnaire compared to the esophageal impedance test?. <i>Clinical Transplantation</i> , 2016 , 30, 44-51	3.8	1
30	Left atrial compression by the hyper-expanded right lower pulmonary lobe. <i>Annals of Thoracic Surgery</i> , 2012 , 93, e15	2.7	1
29	Successful bridge to recovery using two-stage HeartWare LVAD explantation approach after embolic stroke. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 233	1.6	1

28	The eNOS 894G/T gene polymorphism and its influence on early and long-term mortality after on-pump cardiac surgery. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 199	1.6	1
27	Repetitive implantations of short- and long-term mechanical circulatory support in acute severe heart failure: pushing the limits?. <i>Artificial Organs</i> , 2013 , 37, 581-2	2.6	1
26	Escalation of extracorporeal life support as a bridge to lung transplantation in end-stage lung disease. <i>Perfusion (United Kingdom)</i> , 2017 , 32, 606-608	1.9	1
25	Cardiac resynchronization therapy in patients with mild heart failure is a reversal therapy. <i>Indian Heart Journal</i> , 2017 , 69, 112-118	1.6	1
24	Zonal organ allocation system and its impact on long-term outcomes after lung transplantation: a propensity score matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 119-126	3	1
23	Rapid resolution of Ortner's syndrome with giant left atrium after double-valve replacement surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 25, 663-664	1.8	1
22	Utilization of a novel rib spreader for minimally invasive lung transplantation. <i>Surgical Innovation</i> , 2015 , 22, 205-6	2	1
21	HeartWare ventricular assist device experience in the real world. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 45, 765	3	1
20	Myocardial contractility and relaxation after deep hypothermic circulatory arrest in a neonatal piglet model. <i>Artificial Organs</i> , 2012 , 36, 101-5	2.6	1
19	Pharmacokinetics and antihypertensive effects of candesartan cilexetil in patients undergoing haemodialysis: an open-label, single-centre study. <i>Clinical Drug Investigation</i> , 2009 , 29, 713-9	3.2	1
18	Effect of the Lymphocyte Activation Gene 3 Polymorphism rs951818 on Mortality and Disease Progression in Patients with Sepsis-A Prospective Genetic Association Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
17	Delayed Chest Closure With Skin Approximation After Lung Transplant in Oversized Graft. <i>Experimental and Clinical Transplantation</i> , 2018 , 16, 107-109	0.8	1
16	Extended resection of a cardiac paraganglioma-A rare neuroendocrine manifestation of the heart. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 700-702	1.3	0
15	Hemodynamic effects of peri-operative statin therapy in on-pump cardiac surgery patients. <i>Journal of Cardiothoracic Surgery</i> , 2012 , 7, 39	1.6	0
14	Left ventricular unloading with transaortic Impella 2.5 implantation in a pediatric patient supported by extracorporeal life support. <i>Artificial Organs</i> , 2021 , 45, 524-527	2.6	0
13	Porcine-derived biomaterials in tissue engineering and reconstructive surgery: Considerations and alternatives in Muslim patients. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 253-260	4.4	0
12	Minimally invasive embolectomy of HeartWare left ventricular assist device outflow graft. <i>Journal of Thoracic Disease</i> , 2019 , 11, S957-S959	2.6	
11	Use of trifurcate arch graft in left ventricular assist device implantation via the sternal sparing approach. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, e113-4	1.5	

10	Combined Lung Transplantation and Extraction of a Misplaced Superior Vena Cava Stent From the Right Ventricle. <i>Artificial Organs</i> , 2016 , 40, 1150-1151	2.6
9	Targeted CT-guided puncture of an intrapericardial abscess in HeartWare left ventricular patient. New diagnostic tool to highlight patients on the heart transplant waiting list. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 1361-1362	1.3
8	Implantation of Total Artificial Heart in a Patient With Absent Superior Vena Cava. <i>Artificial Organs</i> , 2015 , 39, 979-80	2.6
7	Reply to Keshavamurthy et al. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 190	3
6	Myocardial contractile function in survived neonatal piglets after cardiopulmonary bypass. <i>Journal of Cardiothoracic Surgery</i> , 2010 , 5, 98	1.6
5	Preface for the special issue "". <i>Journal of Thoracic Disease</i> , 2019 , 11, S851-S852	2.6
4	Effect of donor cardiac arrest and arrest duration on outcomes of lung transplantation. <i>Clinical Transplantation</i> , 2016 , 30, 421-8	3.8
3	Palacos Bone Cement Is a Suitable Treatment for Sternal Reconstruction in Patients After Total Artificial Heart Implantation Undergoing Heart Transplantation. <i>Artificial Organs</i> , 2016 , 40, 1152-1153	2.6
2	It keeps on turning: Effects of prolonged long-term left ventricular assist device support as a bridge to heart transplantation. <i>International Journal of Artificial Organs</i> , 2019 , 42, 65-71	1.9
1	Linksherzunterstützungssysteme Die Suche nach einer sicheren, unerschöpflichen Methode zur Therapie der schweren Herzinsuffizienz. <i>Kardiologe</i> , 2018 , 12, 235-237	0.6