

Filip Rega

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

152
papers

2,251
citations

28
h-index

39
g-index

182
ext. papers

2,934
ext. citations

2.6
avg, IF

4.83
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 152 | Understanding Pulmonary Autograft Remodeling After the Ross Procedure: Stick to the Facts.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 829120 | 5.4 | 0 |
| 151 | Are heart transplant recipients more at risk for anal squamous carcinoma than other solid organ transplant recipients?. <i>International Journal of Cancer</i> , 2022 , | 7.5 | 0 |
| 150 | Oxygenated machine perfusion at room temperature as an alternative for static cold storage in porcine donor hearts. <i>Artificial Organs</i> , 2021 , | 2.6 | 1 |
| 149 | Successful resuscitation after hyperkalemic cardiac arrest during liver transplantation by converting veno-venous bypass to veno-arterial ECMO. <i>Perfusion (United Kingdom)</i> , 2021 , 36, 766-768 | 1.9 | 5 |
| 148 | Transplantation of donor hearts after circulatory death using normothermic regional perfusion and cold storage preservation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 813-819 | 3 | 5 |
| 147 | Remote Heart Rhythm Monitoring by Photoplethysmography-Based Smartphone Technology After Cardiac Surgery: Prospective Observational Study. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e26519 | 5.5 | 1 |
| 146 | What's in a wrap?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | 1 |
| 145 | Heart failure related to adult congenital heart disease: prevalence, outcome and risk factors. <i>ESC Heart Failure</i> , 2021 , 8, 2940-2950 | 3.7 | 9 |
| 144 | Starting an aortic valve repair program: is it worthwhile? Aortic valve repair compared to replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 1369-1377 | 3 | 0 |
| 143 | Outcome and durability of mitral valve annuloplasty in atrial secondary mitral regurgitation. <i>Heart</i> , 2021 , 107, 1503-1509 | 5.1 | 0 |
| 142 | Consensus statement on normothermic regional perfusion in donation after circulatory death: Report from the European Society for Organ Transplantation's Transplant Learning Journey. <i>Transplant International</i> , 2021 , 34, 2019-2030 | 3 | 6 |
| 141 | Mitral Annular Dynamics in AF Versus Sinus Rhythm: Novel Insights Into the Mechanism of AFMR. <i>JACC: Cardiovascular Imaging</i> , 2021 , | 8.4 | 1 |
| 140 | Perceval Sutureless Aortic Valve Implantation: Midterm Outcomes. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 1331-1337 | 2.7 | 9 |
| 139 | Outcome of patients on heart transplant list treated with a continuous-flow left ventricular assist device: Insights from the TRAns-Atlantic registry on VAd and TrAnsplant (TRAViATA). <i>International Journal of Cardiology</i> , 2021 , 324, 122-130 | 3.2 | 3 |
| 138 | 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 |
| 137 | Antiplatelet therapy abrogates platelet-assisted Staphylococcus aureus infectivity of biological heart valve conduits. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, e457-e472 | 1.5 | 4 |
| 136 | Personalised external aortic root support for elective treatment of aortic root dilation in 200 patients. <i>Heart</i> , 2021 , 107, 1790-1795 | 5.1 | 3 |

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|-----|--|------|----|
| 135 | Back to the root: a large animal model of the Ross procedure. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 444-453 | 4.7 | 1 |
| 134 | Antithrombotic Treatment After Surgical and Transcatheter Heart Valve Repair and Replacement. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 702780 | 5.4 | 2 |
| 133 | When to refer adult patients with congenital heart disease for transplantation: Which criteria to use, which work-up?. <i>International Journal of Cardiology Congenital Heart Disease</i> , 2021 , 4, 100150 | 0.7 | 0 |
| 132 | Ross for Valve replacement In AdULts (REVIVAL) pilot trial: rationale and design of a randomised controlled trial. <i>BMJ Open</i> , 2021 , 11, e046198 | 3 | 1 |
| 131 | A systematic review and meta-analyses of regional perfusion in donation after circulatory death solid organ transplantation. <i>Transplant International</i> , 2021 , 34, 2046-2060 | 3 | 5 |
| 130 | Perceval: The Bottom Line. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1382 | 2.7 | |
| 129 | Cardiovascular implantable electronic device therapy in patients with left ventricular assist devices: insights from TRAViATA. <i>International Journal of Cardiology</i> , 2021 , 340, 26-33 | 3.2 | 0 |
| 128 | Cardiac Microvascular Endothelial Cells in Pressure Overload-Induced Heart Disease. <i>Circulation: Heart Failure</i> , 2021 , 14, e006979 | 7.6 | 6 |
| 127 | Early results from a prospective, single-arm European trial on decellularized allografts for aortic valve replacement: the ARISE study and ARISE Registry data. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 1045-1053 | 3 | 8 |
| 126 | Mechano-biological adaptation of the pulmonary artery exposed to systemic conditions. <i>Scientific Reports</i> , 2020 , 10, 2724 | 4.9 | 7 |
| 125 | Perioperative Risk Factors for Mortality in Patients Undergoing Surgery for Ebstein's Anomaly at a Single Institution: A Retrospective Analysis. <i>Heart Surgery Forum</i> , 2020 , 23, E193-E199 | 0.7 | |
| 124 | Paediatric aortic valve replacement using decellularized allografts. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 817-824 | 3 | 7 |
| 123 | Cardiac interventions in pregnancy and peripartum - a narrative review of the literature. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 3409-3419 | 2.1 | 5 |
| 122 | Outcome of the Glenn procedure as definitive palliation in single ventricle patients. <i>International Journal of Cardiology</i> , 2020 , 303, 30-35 | 3.2 | 2 |
| 121 | Pulsus Alternans as a Sign of Right Ventricular Failure After Left Ventricular Assist Device Implantation. <i>Journal of Cardiac Failure</i> , 2020 , 26, 1093-1095 | 3.3 | 0 |
| 120 | The Belgian experience with concomitant surgical ablation of atrial fibrillation: a multi-centre prospective registry. <i>Acta Cardiologica</i> , 2020 , 75, 200-208 | 0.9 | 2 |
| 119 | Partial volume and motion correction in cardiac PET: First results from an in vs ex vivo comparison using animal datasets. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 2034-2044 | 2.1 | 1 |
| 118 | Myofibroblast Phenotype and Reversibility of Fibrosis in Patients With End-Stage Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2267-2282 | 15.1 | 61 |

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|-----|--|------|----|
| 117 | Atrial Functional Mitral Regurgitation: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2465-2476 | 15.1 | 95 |
| 116 | Left Ventricular Remodeling Results in Homogenization of Myocardial Work Distribution. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007224 | 6.4 | 20 |
| 115 | Clinical Characteristics of Infective Endocarditis in Children. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 453-458 | 3.4 | 18 |
| 114 | A European study on decellularized homografts for pulmonary valve replacement: initial results from the prospective ESPOIR Trial and ESPOIR Registry data. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 503-509 | 3 | 39 |
| 113 | Creation of the Fontan circulation in sheep: a survival model. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 29, 15-21 | 1.8 | 6 |
| 112 | Double-lung versus heart-lung transplantation for precapillary pulmonary arterial hypertension: a 24-year single-center retrospective study. <i>Transplant International</i> , 2019 , 32, 717-729 | 3 | 14 |
| 111 | The path to surgery in carcinoid heart disease: a retrospective study and a multidisciplinary proposal of a new algorithm. <i>Acta Cardiologica</i> , 2019 , 74, 207-214 | 0.9 | 4 |
| 110 | Cardiac implantable electronic devices with a defibrillator component and all-cause mortality in left ventricular assist device carriers: results from the PCHF-VAD registry. <i>European Journal of Heart Failure</i> , 2019 , 21, 1129-1141 | 12.3 | 10 |
| 109 | Commentary: Hepatitis: A way to make organ donation go viral?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 554-555 | 1.5 | |
| 108 | The long-term outcome of an isolated vascular ring - A single-center experience. <i>Pediatric Pulmonology</i> , 2019 , 54, 2028-2034 | 3.5 | 3 |
| 107 | First report of a successful pediatric heart transplantation from donation after circulatory death with distant procurement using normothermic regional perfusion and cold storage. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1112-1115 | 5.8 | 14 |
| 106 | Assessment of Physical Activity by Wearable Technology During Rehabilitation After Cardiac Surgery: Explorative Prospective Monocentric Observational Cohort Study. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e9865 | 5.5 | 15 |
| 105 | Sheep can be used as animal model of regional myocardial remodeling and controllable work. <i>Cardiology Journal</i> , 2019 , 26, 375-384 | 1.4 | 4 |
| 104 | Long-term outcome of cardiac allograft vasculopathy: Importance of the International Society for Heart and Lung Transplantation angiographic grading scale. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1189-1196 | 5.8 | 11 |
| 103 | Clinical outcomes of heart-team-guided treatment decisions in high-risk patients with aortic valve stenosis in a health-economic context with limited resources for transcatheter valve therapies. <i>Acta Cardiologica</i> , 2019 , 74, 489-498 | 0.9 | 5 |
| 102 | Serial pulmonary vascular resistance assessment in patients late after ventricular septal defect repair. <i>International Journal of Cardiology</i> , 2019 , 282, 38-43 | 3.2 | 2 |
| 101 | Idarucizumab for the reversal of dabigatran in patients undergoing heart transplantation. <i>European Journal of Heart Failure</i> , 2019 , 21, 129-131 | 12.3 | 9 |
| 100 | Papillary muscles contribute significantly more to left ventricular work in dilated hearts. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 84-91 | 4.1 | 4 |

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|----|---|-----|----|
| 99 | Postoperative left ventricular function in different types of pulmonary hypertension: a comparative study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 26, 813-819 | 1.8 | 4 |
| 98 | Low-flow support of the chronic pressure-overloaded right ventricle induces reversed remodeling. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 151-160 | 5.8 | 11 |
| 97 | Atrioesophageal fistula after epicardial ablation for atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, e19-e21 | 1.5 | 0 |
| 96 | Numerical simulation of arterial remodeling in pulmonary autografts. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2018 , 98, 2239-2257 | 1 | 14 |
| 95 | Molecular signature of progenitor cells isolated from young and adult human hearts. <i>Scientific Reports</i> , 2018 , 8, 9266 | 4.9 | 6 |
| 94 | Biomechanical evaluation of a personalized external aortic root support applied in the Ross procedure. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 78, 164-174 | 4.1 | 13 |
| 93 | Machine perfusion of thoracic organs. <i>Journal of Thoracic Disease</i> , 2018 , 10, S910-S923 | 2.6 | 36 |
| 92 | Reinforcing the pulmonary artery autograft in the aortic position with a textile mesh: a histological evaluation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 566-573 | 1.8 | 14 |
| 91 | How to obtain and maintain favorable results after heart transplantation: keys to success?. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 106-117 | 4.7 | 7 |
| 90 | Exercise cardiac magnetic resonance imaging with pulmonary artery catheter monitoring in carcinoid heart disease: a shift towards early intervention?. <i>ESC Heart Failure</i> , 2018 , 5, 953-955 | 3.7 | 3 |
| 89 | Exercise capacity in left ventricular assist device patients with full and partial support. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 168-177 | 3.9 | 5 |
| 88 | Hospital cost savings and other advantages of sutureless vs stented aortic valves for intermediate-risk elderly patients. <i>Surgery Today</i> , 2017 , 47, 1268-1273 | 3 | 6 |
| 87 | Percutaneous intervention for central shunts: new routes, new strategies. <i>Acta Cardiologica</i> , 2017 , 72, 142-148 | 0.9 | 1 |
| 86 | Early versus late pulmonary valve replacement in patients with transannular patch-repaired tetralogy of Fallot. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 25, 427-433 | 1.8 | 9 |
| 85 | Support of the aortic wall: a histological study in sheep comparing a macroporous mesh with low-porosity vascular graft of the same polyethylene terephthalate material. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 25, 89-95 | 1.8 | 15 |
| 84 | Transhepatic implant of a trimmed Melody [®] valved stent in tricuspid position in a 1-year-old infant. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, E84-E89 | 2.7 | 2 |
| 83 | Systolic and diastolic unloading by mechanical support of the acute vs the chronic pressure overloaded right ventricle. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 457-465 | 5.8 | 6 |
| 82 | An unusual cause of left main coronary artery obstruction. <i>Acta Cardiologica</i> , 2017 , 72, 687 | 0.9 | |

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| 81 | Cancer After Heart Transplantation: A 25-year Single-center Perspective. <i>Transplantation Proceedings</i> , 2016 , 48, 2172-7 | 1.1 | 14 |
| 80 | Long-Term Follow-Up of Children with Heart Block Born from Mothers with Systemic Lupus Erythematosus: A Retrospective Study from the Database Pediatric and Congenital Heart Disease in University Hospitals Leuven. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016 , 39, 935-43 | 1.6 | 8 |
| 79 | Cost analysis of minimally invasive compared to conventional mitral valve surgery. <i>Acta Cardiologica</i> , 2016 , 71, 527-535 | 0.9 | 2 |
| 78 | Exercise capacity in ventricular assist device patients: clinical relevance of pump speed and power. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 752-757 | 3 | 18 |
| 77 | Prolonged Right-Ventricle-to-Left-Ventricle Support (Hybrid or Surgical) to Delay Decision-Making in Borderline Left Ventricles 2016 , 251-262 | | |
| 76 | Bailout shunt/banding for backward left heart failure after adequate neonatal coarctectomy in borderline left hearts. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 929-932 | 1.8 | 4 |
| 75 | Personalized external aortic root support: a review of the current status. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 400-4 | 3 | 35 |
| 74 | Starting minimally invasive valve surgery using endoclamp technology: safety and results of a starting surgeon. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 20, 351-8 | 1.8 | 9 |
| 73 | Pulmonary outflow obstruction protects against heart failure in adults with congenitally corrected transposition of the great arteries. <i>International Journal of Cardiology</i> , 2015 , 196, 1-6 | 3.2 | 25 |
| 72 | Personalized Aortic Root Support With Mesh Provides Optimal Valve Conservation. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1509-10 | 2.7 | 1 |
| 71 | Mechanical support of the pressure overloaded right ventricle: an acute feasibility study comparing low and high flow support. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H615-24 | 5.2 | 12 |
| 70 | Circulating microRNAs for predicting and monitoring response to mechanical circulatory support from a left ventricular assist device. <i>European Journal of Heart Failure</i> , 2014 , 16, 871-9 | 12.3 | 44 |
| 69 | Retrograde flush is more protective than heparin in the uncontrolled donation after circulatory death lung donor. <i>Journal of Surgical Research</i> , 2014 , 187, 316-23 | 2.5 | 6 |
| 68 | Antimineralization treatment and patient-prosthesis mismatch are major determinants of the onset and incidence of structural valve degeneration in bioprosthetic heart valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1219-24 | 1.5 | 65 |
| 67 | Personalised external aortic root support (PEARS) in Marfan syndrome: analysis of 1-9 year outcomes by intention-to-treat in a cohort of the first 30 consecutive patients to receive a novel tissue and valve-conserving procedure, compared with the published results of aortic root replacement. <i>Heart</i> , 2014 , 100, 969-75 | 5.1 | 67 |
| 66 | Three-dimensional echocardiography of a subtotal mitral valve ring dehiscence. <i>Acta Cardiologica</i> , 2014 , 69, 216-7 | 0.9 | 1 |
| 65 | Cost of 1-year left ventricular assist device destination therapy in chronic heart failure: a comparison with heart transplantation. <i>Acta Clinica Belgica</i> , 2014 , 69, 165-70 | 1.8 | 11 |
| 64 | Predictors of 30-day and 1-year mortality after transvenous lead extraction: a single-centre experience. <i>Europace</i> , 2014 , 16, 1218-25 | 3.9 | 37 |

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| 63 | Explantation of a CircuLite left ventricular assist device without removal of the inflow cannula: how to do it?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 18, 393-5 | 1.8 | 2 |
| 62 | Evolution of renal function after partial and full mechanical support for chronic heart failure. <i>International Journal of Artificial Organs</i> , 2014 , 37, 364-70 | 1.9 | 11 |
| 61 | Percutaneous intracardiac baffle stenting after a scimitar vein correction. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 81, E130-3 | 2.7 | 1 |
| 60 | Acute left ventricular failure after bilateral lung transplantation for idiopathic pulmonary arterial hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, e7-9 | 1.5 | 20 |
| 59 | Continuous-flow left ventricular assist devices induce left ventricular reverse remodeling. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 466-8 | 5.8 | 8 |
| 58 | Time course of acquired von Willebrand disease associated with two types of continuous-flow left ventricular assist devices: HeartMate II and CircuLite Synergy Pocket Micro-pump. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 539-45 | 5.8 | 44 |
| 57 | Partial mechanical circulatory support in an ovine model of post-infarction remodeling. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 815-22 | 5.8 | 6 |
| 56 | Late recovery of atrioventricular conduction after postsurgical chronic atrioventricular block is not exceptional. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 1028-1032 | 1.5 | 9 |
| 55 | Spontaneous aortic arch thrombosis in a neonate. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, e15-6 | 1.5 | 3 |
| 54 | Left atrial appendage occlusion: single center experience with PLAATO LAA Occlusion System(□) and AMPLATZER□Cardiac Plug. <i>Journal of Cardiology</i> , 2013 , 62, 44-9 | 3 | 10 |
| 53 | Prospective evaluation of clinical outcomes in all-comer high-risk patients with aortic valve stenosis undergoing medical treatment, transcatheter or surgical aortic valve implantation following heart team assessment. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 492-500 | 1.8 | 19 |
| 52 | Mechanism of autograft insufficiency after the Ross operation in children. <i>Cardiology in the Young</i> , 2013 , 23, 523-9 | 1 | 2 |
| 51 | External aortic root support: a histological and mechanical study in sheep. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 334-9 | 1.8 | 31 |
| 50 | Transventricular balloon dilation and stenting of the RVOT in small infants with tetralogy of fallot with pulmonary atresia. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 82, 260-5 | 2.7 | 23 |
| 49 | Circulatory support in elderly chronic heart failure patients using the CircuLite□ Synergy□ system. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 207-12; discussion 212 | 3 | 21 |
| 48 | Machine perfusion in organ transplantation: a tool for ex-vivo graft conditioning with mesenchymal stem cells?. <i>Current Opinion in Organ Transplantation</i> , 2013 , 18, 24-33 | 2.5 | 65 |
| 47 | Implantation of an individually computer-designed and manufactured external support for the Marfan aortic root. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2013 , 2013, mmt004 | 0.2 | 23 |
| 46 | Can a central stitch over the Arantius□nodules provide a solution for preoperative severe native AI in LVAD patients. <i>International Journal of Artificial Organs</i> , 2013 , 36, 220-4 | 1.9 | 3 |

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| 45 | Are right ventricular risk scores useful?. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 621-6 | 3 | 40 |
| 44 | Long-term outcome after treatment of isolated pulmonary valve stenosis. <i>International Journal of Cardiology</i> , 2012 , 156, 11-5 | 3.2 | 38 |
| 43 | Short-cut under pressure: stenting the tortuous neonatal duct involves induced spasm. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, e25-6 | 5 | 1 |
| 42 | Unusual abnormal pulmonary venous return. <i>Acta Cardiologica</i> , 2012 , 67, 109-10 | 0.9 | |
| 41 | Extreme windkessel effect can cause right heart failure early after truncus repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012 , 15, 181-2 | 1.8 | 2 |
| 40 | The use of a CircuLite micro-pump for congenitally corrected transposition of the great arteries. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 741-3 | 3 | 7 |
| 39 | Transvenous extraction of pacing and defibrillator leads--a single-centre experience. <i>Acta Cardiologica</i> , 2012 , 67, 641-8 | 0.9 | 6 |
| 38 | Evolution of the Z-score in size-reduced bicuspid homografts. <i>Journal of Heart Valve Disease</i> , 2012 , 21, 521-6 | | 2 |
| 37 | Failure of epicardial pacing leads in congenital heart disease: not uncommon and difficult to predict. <i>Netherlands Heart Journal</i> , 2011 , 19, 331-5 | 2.2 | 7 |
| 36 | Asymptomatic migration of a first-generation AMPLATZER vascular plug into the abdominal aorta: conservative management may be an option. <i>Journal of Vascular and Interventional Radiology</i> , 2011 , 22, 569-70 | 2.4 | 12 |
| 35 | Clinical benefits of partial circulatory support in New York Heart Association Class IIIB and Early Class IV patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 693-8 | 3 | 65 |
| 34 | The Contegra conduit in the right ventricular outflow tract is an independent risk factor for graft replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, 603-9 | 3 | 14 |
| 33 | Dilatable pulmonary artery banding in infants with low birth weight or complex congenital heart disease allows avoidance or postponement of subsequent surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 296-301 | 3 | 9 |
| 32 | Current preservation technology and future prospects of thoracic organs. Part 2: heart. <i>Current Opinion in Organ Transplantation</i> , 2010 , 15, 156-9 | 2.5 | 29 |
| 31 | Bailout stenting for critical coarctation in premature/critical/complex/early recoarcted neonates. <i>Catheterization and Cardiovascular Interventions</i> , 2010 , 75, 553-61 | 2.7 | 13 |
| 30 | Stent expansion of stretch Gore-Tex grafts in children with congenital heart lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2010 , 75, 843-8 | 2.7 | 9 |
| 29 | Dealing with a septal hematoma after switch operation with ventricular septal defect closure. <i>Heart Surgery Forum</i> , 2010 , 13, E263-4 | 0.7 | 9 |
| 28 | Ovine models for chronic heart failure. <i>International Journal of Artificial Organs</i> , 2009 , 32, 496-506 | 1.9 | 12 |

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| 27 | The mode of death in the non-heart-beating donor has an impact on lung graft quality. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 36, 919-26 | 3 | 22 |
| 26 | Partial left ventricular support implanted through minimal access surgery as a bridge to cardiac transplant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 243-5 | 1.5 | 15 |
| 25 | Transapical left ventricular access for difficult to reach interventional targets in the left heart. <i>Catheterization and Cardiovascular Interventions</i> , 2009 , 74, 137-42 | 2.7 | 47 |
| 24 | Retrograde flush following warm ischemia in the non-heart-beating donor results in superior graft performance at reperfusion. <i>Journal of Surgical Research</i> , 2009 , 154, 118-25 | 2.5 | 21 |
| 23 | Proof of concept: hemodynamic response to long-term partial ventricular support with the synergy pocket micro-pump. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 79-86 | 15.1 | 75 |
| 22 | N-acetyl cysteine attenuates the inflammatory response in warm ischemic pig lungs. <i>Journal of Surgical Research</i> , 2008 , 146, 177-83 | 2.5 | 22 |
| 21 | First human use of partial left ventricular heart support with the Circulite synergy micro-pump as a bridge to cardiac transplantation. <i>European Heart Journal</i> , 2008 , 29, 2582 | 9.5 | 22 |
| 20 | Pediatric heart support with a newly developed catheter based pulsatile 12F rotary blood pump: an animal study. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 34, 1173-8 | 3 | 3 |
| 19 | Primary cardiac fibroma: a rising giant in a small cavity--size does matter. <i>Heart Surgery Forum</i> , 2008 , 11, E134-6 | 0.7 | 2 |
| 18 | pH 48 h after onset of extracorporeal membrane oxygenation is an independent predictor of survival in patients with respiratory failure. <i>Artificial Organs</i> , 2007 , 31, 384-9 | 2.6 | 6 |
| 17 | Retrograde flush following topical cooling is superior to preserve the non-heart-beating donor lung. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 1125-32; discussion 1132-3 | 3 | 28 |
| 16 | 309: Terbutaline attenuates reperfusion injury in the donor lung from HBD and NHBS. <i>Journal of Heart and Lung Transplantation</i> , 2007 , 26, S170-S171 | 5.8 | 2 |
| 15 | Comparative study of donor lung injury in heart-beating versus non-heart-beating donors. <i>European Journal of Cardio-thoracic Surgery</i> , 2006 , 30, 628-36 | 3 | 43 |
| 14 | Impact of warm ischemia on different leukocytes in bronchoalveolar lavage from mouse lung: possible new targets to condition the pulmonary graft from the non-heart-beating donor. <i>Journal of Heart and Lung Transplantation</i> , 2006 , 25, 839-46 | 5.8 | 15 |
| 13 | FVIII production by human lung microvascular endothelial cells. <i>Blood</i> , 2006 , 108, 515-7 | 2.2 | 82 |
| 12 | Modification of the arterial anastomotic technique improves survival in porcine single lung transplant model. <i>Acta Chirurgica Belgica</i> , 2006 , 106, 450-7 | 0.9 | 5 |
| 11 | Simultaneous valve replacement and venous patch repair of superior mesenteric artery aneurysm due to infective endocarditis: a case report. <i>Heart Surgery Forum</i> , 2006 , 9, E741-3 | 0.7 | 3 |
| 10 | IL-1beta in bronchial lavage fluid is a non-invasive marker that predicts the viability of the pulmonary graft from the non-heart-beating donor. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 20-8 | 5.8 | 28 |

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| 9 | Nebulized N-acetyl cysteine protects the pulmonary graft inside the non-heart-beating donor. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 1369-77 | 5.8 | 33 |
| 8 | How long can we preserve the pulmonary graft inside the nonheart-beating donor?. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 438-44; discussion 444 | 2.7 | 33 |
| 7 | Radiographic analysis of anatomical risk factors for Kienbock's disease. <i>Acta Orthopaedica Belgica</i> , 2004 , 70, 406-9 | 1.3 | 31 |
| 6 | Long-term preservation with interim evaluation of lungs from a non-heart-beating donor after a warm ischemic interval of 90 minutes. <i>Annals of Surgery</i> , 2003 , 238, 782-92; discussion 792-3 | 7.8 | 41 |
| 5 | Should we ventilate or cool the pulmonary graft inside the non-heart-beating donor?. <i>Journal of Heart and Lung Transplantation</i> , 2003 , 22, 1226-33 | 5.8 | 43 |
| 4 | Na(+)/H(+)-exchange inhibition and aprotinin administration: promising tools for myocardial protection during minimally invasive CABG. <i>European Journal of Cardio-thoracic Surgery</i> , 2001 , 19, 633-9 | 3 | 14 |
| 3 | Impact of early vesico ureteral reflux on the transplanted kidney. <i>Transplantation Proceedings</i> , 1999 , 31, 362-4 | 1.1 | 16 |
| 2 | Extended preservation of ischemic pulmonary graft by postmortem alveolar expansion. <i>Annals of Thoracic Surgery</i> , 1997 , 64, 801-8 | 2.7 | 35 |
| 1 | Delay of adenosine triphosphate depletion and hypoxanthine formation in rabbit lung after death. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 233-40; discussion 240-1 | 2.7 | 27 |