

# Felix Berger

## List of Publications by Year in descending order

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338  
papers

11,320  
citations

24978

57  
h-index

48187

88  
g-index

346  
all docs

346  
docs citations

346  
times ranked

11392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in Sarcomere Protein Genes in Left Ventricular Noncompaction. <i>Circulation</i> , 2008, 117, 2893-2901.	1.6	414
2	Distinct genetic architectures for syndromic and nonsyndromic congenital heart defects identified by exome sequencing. <i>Nature Genetics</i> , 2016, 48, 1060-1065.	9.4	351
3	Remodelling of the right ventricle after early pulmonary valve replacement in children with repaired tetralogy of Fallot: assessment by cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2005, 26, 2721-2727.	1.0	291
4	Percutaneous pulmonary valve implantation: two-centre experience with more than 100 patients. <i>European Heart Journal</i> , 2011, 32, 1260-1265.	1.0	266
5	Comparison of results and complications of surgical and amplatzer device closure of atrial septal defects. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999, 118, 674-680.	0.4	207
6	Transcatheter closure as standard treatment for most interatrial defects: experience in 200 patients treated with the Amplatzer â,¢ Septal Occluder. <i>Cardiology in the Young</i> , 1999, 9, 468-473.	0.4	190
7	Percutaneous Tricuspid Valve Replacement in Congenital and Acquired Heart Disease. <i>Journal of the American College of Cardiology</i> , 2011, 58, 117-122.	1.2	169
8	Transcatheter Tricuspid Valve-in-Valve Implantation for the Treatment of Dysfunctional Surgical Bioprosthetic Valves. <i>Circulation</i> , 2016, 133, 1582-1593.	1.6	169
9	Sarcomere Gene Mutations in Isolated Left Ventricular Noncompaction Cardiomyopathy Do Not Predict Clinical Phenotype. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 367-374.	5.1	167
10	Fine Mapping of the 1p36 Deletion Syndrome Identifies Mutation of PRDM16 as a Cause of Cardiomyopathy. <i>American Journal of Human Genetics</i> , 2013, 93, 67-77.	2.6	164
11	Mutations in the Sarcomere Gene <i>MYH7</i> in Ebstein Anomaly. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 43-50.	5.1	153
12	Incidence of atrial flutter/fibrillation in adults with atrial septal defect before and after surgery. <i>Annals of Thoracic Surgery</i> , 1999, 68, 75-78.	0.7	152
13	Covered Cheatham-Platinum Stents for Aortic Coarctation. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1457-1463.	1.2	151
14	First Experiences With the HeartWare Ventricular Assist System in Children. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1256-1260.	0.7	150
15	Computational modeling guides tissue-engineered heart valve design for long-term in vivo performance in a translational sheep model. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	142
16	Masked left ventricular restriction in elderly patients with atrial septal defects: A contraindication for closure?. <i>Catheterization and Cardiovascular Interventions</i> , 2001, 52, 177-180.	0.7	125
17	Transcatheter closure of multiple atrial septal defects. Initial results and value of two- and three-dimensional transoesophageal echocardiography. <i>European Heart Journal</i> , 2000, 21, 941-947.	1.0	124
18	Identification and functional analysis of CITED2 mutations in patients with congenital heart defects. <i>Human Mutation</i> , 2005, 26, 575-582.	1.1	114

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19	A gain-of-function TBX20 mutation causes congenital atrial septal defects, patent foramen ovale and cardiac valve defects. <i>Journal of Medical Genetics</i> , 2010, 47, 230-235.	1.5	108
20	Tracheal tube-tip displacement in children during head-neck movement—a radiological assessment. <i>British Journal of Anaesthesia</i> , 2006, 96, 486-491.	1.5	105
21	Assessment of Diffuse Myocardial Fibrosis in Rats Using Small-Animal Look-Locker Inversion Recovery T1 Mapping. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 636-640.	1.3	103
22	Physical Models Aiding in Complex Congenital Heart Surgery. <i>Annals of Thoracic Surgery</i> , 2008, 86, 273-277.	0.7	102
23	Endocarditis After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2717-2728.	1.2	101
24	Flow-sensitive four-dimensional cine magnetic resonance imaging for offline blood flow quantification in multiple vessels: A validation study. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 677-683.	1.9	98
25	Anomalous Origin of the Left Coronary Artery from the Pulmonary Artery in Adults. <i>Journal of Cardiac Surgery</i> , 1995, 10, 309-315.	0.3	94
26	Comparison of different near-infrared spectroscopic cerebral oxygenation indices with central venous and jugular venous oxygenation saturation in children. <i>Paediatric Anaesthesia</i> , 2008, 18, 160-166.	0.6	92
27	Optimal conduit size for extracardiac Fontan operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2000, 18, 690-695.	0.6	89
28	Current therapy and outcome of Eisenmenger syndrome: data of the German National Register for congenital heart defects. <i>European Heart Journal</i> , 2016, 37, 1449-1455.	1.0	89
29	Relationship of Immunosuppression to Epstein-Barr Viral Load and Lymphoproliferative Disease in Pediatric Heart Transplant Patients. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 100-105.	0.3	88
30	MRI-based computational fluid dynamics for diagnosis and treatment prediction: Clinical validation study in patients with coarctation of aorta. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 909-916.	1.9	87
31	A modified repair technique for tricuspid incompetence in Ebstein's anomaly. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998, 115, 857-868.	0.4	85
32	Mutations in <i>GATA4</i> , <i>NKX2.5</i> , <i>CRELD1</i> , and <i>BMP4</i> are infrequently found in patients with congenital cardiac septal defects. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 251-253.	0.7	83
33	Contraception in Women With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2010, 106, 1317-1321.	0.7	83
34	Magnetic Resonance Imaging-Guided Balloon Angioplasty of Coarctation of the Aorta. <i>Circulation</i> , 2006, 113, 1093-1100.	1.6	80
35	Results of transvenous occlusion of secundum atrial septal defects with the fourth generation buttoned device: comparison with first, second and third generation devices. <i>Journal of the American College of Cardiology</i> , 2000, 36, 583-592.	1.2	79
36	The role of stents in the treatment of congenital heart disease: Current status and future perspectives. <i>Annals of Pediatric Cardiology</i> , 2009, 2, 3.	0.2	79

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37	A multicenter study of the HeartWare ventricular assist device in small children. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 679-681.	0.3	79
38	Cardiac output measurement in children: comparison of the Ultrasound Cardiac Output Monitor with thermodilution cardiac output measurement. <i>Intensive Care Medicine</i> , 2008, 34, 1060-1064.	3.9	78
39	The practical clinical value of three-dimensional models of complex congenitally malformed hearts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 571-580.	0.4	76
40	Cardiac Alpha-Myosin (MYH6) Is the Predominant Sarcomeric Disease Gene for Familial Atrial Septal Defects. <i>PLoS ONE</i> , 2011, 6, e28872.	1.1	76
41	Functional Analysis of the Components of the Right Ventricle in the Setting of Tetralogy of Fallot. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 141-147.	1.3	75
42	Anomalous origin of the left coronary artery from the pulmonary artery: Early results with direct aortic reimplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994, 108, 354-362.	0.4	72
43	Effects of moderate and deep hypothermia on RNA-binding proteins RBM3 and CIRP expressions in murine hippocampal brain slices. <i>Brain Research</i> , 2013, 1504, 74-84.	1.1	71
44	Four-dimensional velocity-encoded magnetic resonance imaging improves blood flow quantification in patients with complex accelerated flow. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 208-216.	1.9	71
45	Systemic-to-pulmonary collateral flow in patients with palliated univentricular heart physiology: measurement using cardiovascular magnetic resonance 4D velocity acquisition. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 25.	1.6	70
46	Acute and midterm outcomes of the post-approval MELODY Registry: a multicentre registry of transcatheter pulmonary valve implantation. <i>European Heart Journal</i> , 2019, 40, 2255-2264.	1.0	69
47	Relationships Among Conduit Type, Pre-Stenting, and Outcomes in Patients Undergoing Transcatheter Pulmonary Valve Replacement in the Prospective North American and European Melody Valve Trials. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1746-1759.	1.1	68
48	Ivabradine in Children With Dilated Cardiomyopathy and Symptomatic Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1262-1272.	1.2	68
49	Absence of Pulmonary Artery Growth After Fontan Operation and Its Possible Impact on Late Outcome. <i>Annals of Thoracic Surgery</i> , 2009, 87, 826-831.	0.7	67
50	Single-center experience with treatment of cardiogenic shock in children by pediatric ventricular assist devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 616-623.e1.	0.4	66
51	Repair of anomalous origin of the left coronary artery from the pulmonary artery in infants and children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 868-874.	0.4	65
52	Comparative DNA methylation and gene expression analysis identifies novel genes for structural congenital heart diseases. <i>Cardiovascular Research</i> , 2016, 112, 464-477.	1.8	65
53	Treatment of atrial septal defects in symptomatic children aged less than 2 years of age using the Amplatzer septal occluder. <i>Cardiology in the Young</i> , 2000, 10, 534-537.	0.4	62
54	Diagnosis and treatment of post-transplantation lymphoproliferative disorder in pediatric heart transplant patients. <i>Pediatric Transplantation</i> , 2009, 13, 54-62.	0.5	62

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55	Pulmonary Vascular Resistance, Collateral Flow, and Ventricular Function in Patients With a Fontan Circulation at Rest and During Dobutamine Stress. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 623-631.	1.3	62
56	Transcatheter Pulmonary Valve Replacement Reduces Tricuspid Regurgitation in Patients With Right Ventricular Volume/Pressure Overload. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1525-1535.	1.2	61
57	Extracorporeal membrane oxygenation for intraoperative cardiac support in children with congenital heart disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 753-758.	0.5	60
58	Integrated analysis of atrioventricular interactions in tetralogy of Fallot. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H364-H371.	1.5	59
59	Molecular genetics of congenital atrial septal defects. <i>Clinical Research in Cardiology</i> , 2010, 99, 137-147.	1.5	58
60	Clopidogrel in Infants with Systemic-to-Pulmonary-Artery Shunts. <i>New England Journal of Medicine</i> , 2013, 368, 2377-2384.	13.9	57
61	Pressure Fields by Flow-Sensitive, 4D, Velocity-Encoded CMR in Patients With Aortic Coarctation. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 920-926.	2.3	57
62	Continuous, non-invasive techniques to determine cardiac output in children after cardiac surgery: evaluation of transesophageal Doppler and electric velocimetry. <i>Journal of Clinical Monitoring and Computing</i> , 2008, 22, 299-307.	0.7	56
63	Characterization of TBX20 in human hearts and its regulation by TFAP2. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1022-1033.	1.2	55
64	Right axillary incision: A cosmetically superior approach to repair a wide range of congenital cardiac defects. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 277-281.	0.4	53
65	Hypothermia downregulates inflammation but enhances IL-6 secretion by stimulated endothelial cells. <i>Cryobiology</i> , 2008, 57, 216-222.	0.3	53
66	Postoperative phrenic nerve palsy: early clinical implications and management. <i>Intensive Care Medicine</i> , 2006, 32, 1227-1233.	3.9	52
67	Hypothermia suppresses inflammation via ERK signaling pathway in stimulated microglial cells. <i>Journal of Neuroimmunology</i> , 2007, 189, 7-16.	1.1	52
68	Contrast-enhanced magnetic resonance angiography of the great arteries in patients with congenital heart disease: an accurate tool for planning catheter-guided interventions. <i>International Journal of Cardiovascular Imaging</i> , 2005, 21, 313-322.	0.7	51
69	T1 mapping in ischaemic heart disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 597-602.	0.5	50
70	Methylprednisolone attenuates hypothermia- and rewarming-induced cytotoxicity and IL-6 release in isolated primary astrocytes, neurons and BV-2 microglia cells. <i>Neuroscience Letters</i> , 2006, 404, 309-314.	1.0	48
71	Coagulation Management in Pediatric Mechanical Circulatory Support. <i>ASAIO Journal</i> , 2007, 53, 640-645.	0.9	48
72	Early and mid-term results with the growth stent: A possible concept for transcatheter treatment of aortic coarctation from infancy to adulthood by stent implantation?. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 71, 120-126.	0.7	48

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73	Modified Surgical Techniques and Long-Term Outcome of Mitral Valve Reconstruction in 111 Children. <i>Annals of Thoracic Surgery</i> , 2008, 86, 604-613.	0.7	47
74	Pulmonary and caval blood flow patterns in patients with intracardiac and extracardiac Fontan: a magnetic resonance study. <i>Clinical Research in Cardiology</i> , 2007, 96, 160-167.	1.5	46
75	Rare and private variations in neural crest, apoptosis and sarcomere genes define the polygenic background of isolated Tetralogy of Fallot. <i>Human Molecular Genetics</i> , 2014, 23, 3115-3128.	1.4	46
76	Carotid-Subclavian Artery Index: New Echocardiographic Index to Detect Coarctation in Neonates and Infants. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1652-1657.	0.7	43
77	Influence of Intravenous Sildenafil on Cerebral Oxygenation Measured by Near-Infrared Spectroscopy in Infants After Cardiac Surgery. <i>Pediatric Research</i> , 2006, 59, 462-465.	1.1	43
78	Exome sequencing helped the fine diagnosis of two siblings afflicted with atypical Timothy syndrome (TS2). <i>BMC Medical Genetics</i> , 2014, 15, 48.	2.1	43
79	Integrated Assessment of Diastolic and Systolic Ventricular Function Using Diagnostic Cardiac Magnetic Resonance Catheterization. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 1271-1281.	2.3	42
80	Sexuality and Reproductive Health in Women With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2010, 105, 538-541.	0.7	41
81	Follow-Up of Patients with Interventional Closure of Ventricular Septal Defects with Amplatzer Duct Occluder II. <i>Pediatric Cardiology</i> , 2015, 36, 379-385.	0.6	41
82	Cardiovascular magnetic resonance of myocardial edema using a short inversion time inversion recovery (STIR) black-blood technique: Diagnostic accuracy of visual and semi-quantitative assessment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 22.	1.6	40
83	A new miniaturized cardiopulmonary bypass system reduces transfusion requirements during neonatal cardiac surgery: Initial experience in 13 consecutive patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 1565-1568.	0.4	39
84	Familial Recurrent Myocarditis Triggered by Exercise in Patients With a Truncating Variant of the Desmoplakin Gene. <i>Journal of the American Heart Association</i> , 2020, 9, e015289.	1.6	39
85	Management of pediatric patients after implantation of the Berlin Heart EXCOR ventricular assist device. <i>ASAIO Journal</i> , 2006, 52, 497-500.	0.9	39
86	Myocardial Perfusion, Scarring, and Function in Anomalous Left Coronary Artery From the Pulmonary Artery Syndrome: A Long-Term Analysis Using Magnetic Resonance Imaging. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1425-1436.	0.7	38
87	Percutaneous Tricuspid Valve Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, .	1.4	38
88	Hemodynamic Evaluation of a Biological and Mechanical Aortic Valve Prosthesis Using Patient-Specific MRI-Based CFD. <i>Artificial Organs</i> , 2018, 42, 49-57.	1.0	38
89	Interventional closure of atrial septal defects without fluoroscopy in adult and pediatric patients. <i>Clinical Research in Cardiology</i> , 2012, 101, 691-700.	1.5	37
90	Hemodynamic and energetic aspects of the left ventricle in patients with mitral regurgitation before and after mitral valve surgery. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1705-1712.	1.9	37

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91	Results of aortic valve repair using decellularized bovine pericardium in congenital surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 986-992.	0.6	37
92	Severity of Fontan-Associated Liver Disease Correlates with Fontan Hemodynamics. <i>Pediatric Cardiology</i> , 2020, 41, 736-746.	0.6	37
93	Regional cerebral oxygenation by NIRS does not correlate with central or jugular venous oxygen saturation during interventional catheterisation in children. <i>Acta Anaesthesiologica Scandinavica</i> , 2008, 52, 1370-1374.	0.7	35
94	Severe heart failure and the need for mechanical circulatory support and heart transplantation in pediatric patients with myocarditis: Results from the prospective multicenter registry "MYKKE". <i>Pediatric Transplantation</i> , 2019, 23, e13548.	0.5	35
95	S100B modulates IL-6 release and cytotoxicity from hypothermic brain cells and inhibits hypothermia-induced axonal outgrowth. <i>Neuroscience Research</i> , 2007, 59, 68-73.	1.0	34
96	Intravenous clonidine infusion in infants after cardiovascular surgery. <i>Paediatric Anaesthesia</i> , 2008, 18, 217-222.	0.6	34
97	Mechanisms of hypothermia-induced cell protection mediated by microglial cells <i>in vitro</i> . <i>European Journal of Neuroscience</i> , 2010, 31, 779-787.	1.2	34
98	Dynamics in prevalence of Down syndrome in children with congenital heart disease. <i>European Journal of Pediatrics</i> , 2018, 177, 107-115.	1.3	34
99	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): first EUROMACS Paediatric (Paedi-EUROMACS) report. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 800-808.	0.6	34
100	Quantification of morphologic and hemodynamic severity of coarctation of the aorta by magnetic resonance imaging. <i>Cardiology in the Young</i> , 2001, 11, 512-520.	0.4	33
101	Comparison of Analgesic/Sedative Effect of Racemic Ketamine and S(+)-Ketamine during Cardiac Catheterization in Newborns and Children. <i>Pediatric Cardiology</i> , 2003, 24, 424-429.	0.6	33
102	Familial congenital heart disease, progressive atrioventricular block and the cardiac homeobox transcription factor gene NKX2.5. <i>Clinical Research in Cardiology</i> , 2006, 95, 499-503.	1.5	33
103	Biventricular repair in children with complete atrioventricular septal defect and a small left ventricle†. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 40-47.	0.6	33
104	Analysis of the Risk Factors for Early Failure After Extracardiac Fontan Operation. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1409-1416.	0.7	32
105	Pump size of Berlin Heart EXCOR pediatric device influences clinical outcome in children. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 816-821.	0.3	32
106	Bridge to recovery in children on ventricular assist devices" protocol, predictors of recovery, and long-term follow-up. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1459-1466.	0.3	32
107	Reintervention and Survival After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2022, 79, 18-32.	1.2	32
108	Partial Anomalous Pulmonary Venous Drainage in Young Pediatric Patients: The Role of Magnetic Resonance Imaging. <i>Pediatric Cardiology</i> , 2009, 30, 458-464.	0.6	31

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109	Long-term cardiopulmonary exercise capacity after modified Fontan operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 204-209.	0.6	31
110	Pregnancy-Related Obstetric and Cardiologic Problems in Women After Atrial Switch Operation for Transposition of the Great Arteries. <i>Circulation Journal</i> , 2014, 78, 443-449.	0.7	31
111	Feasibility and efficacy of stent redilatation in aortic coarctation. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 72, 552-556.	0.7	30
112	Hypothermia-Induced Neurite Outgrowth is Mediated by Tumor Necrosis Factor-Alpha. <i>Brain Pathology</i> , 2010, 20, 771-779.	2.1	30
113	Rescue extracorporeal membrane oxygenation in children with refractory cardiac arrest. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 12, 929-934.	0.5	30
114	Postoperative arrhythmias in adults with congenital heart disease: Incidence and risk factors. <i>International Journal of Cardiology</i> , 2013, 169, 139-144.	0.8	30
115	Propofol Effect on Cerebral Oxygenation in Children with Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2015, 36, 543-549.	0.6	30
116	Is MRI-Based CFD Able to Improve Clinical Treatment of Coarctations of Aorta?. <i>Annals of Biomedical Engineering</i> , 2015, 43, 168-176.	1.3	29
117	Comparison of tracheal tube cuff diameters with internal transverse diameters of the trachea in children. <i>Acta Anaesthesiologica Scandinavica</i> , 2006, 50, 201-205.	0.7	28
118	Comparison of cardiac output measurement using the CardioQP <sup>TM</sup> oesophageal Doppler with cardiac output measurement using thermodilution technique in children during heart catheterisation*. <i>Anaesthesia</i> , 2008, 63, 851-855.	1.8	28
119	Routine Application of Bloodless Priming in Neonatal Cardiopulmonary Bypass: A 3-Year Experience. <i>Pediatric Cardiology</i> , 2017, 38, 807-812.	0.6	28
120	Association between patient age at implant and outcomes after transcatheter pulmonary valve replacement in the multicenter Melody valve trials. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 607-617.	0.7	28
121	Targeted panel sequencing in pediatric primary cardiomyopathy supports a critical role of <i>TNNI3</i> . <i>Clinical Genetics</i> , 2019, 96, 549-559.	1.0	28
122	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): second EUROMACS Paediatric (Paedi-EUROMACS) report. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 1038-1050.	0.6	28
123	Aortic sinus-left atrial fistula after interventional closure of atrial septal defect. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 66, 10-13.	0.7	27
124	Pathogenic Variants Associated With Dilated Cardiomyopathy Predict Outcome in Pediatric Myocarditis. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003250.	1.6	27
125	Echocardiographically Guided Closure of a Patent Foramen Ovale During Pregnancy After Recurrent Strokes. <i>Journal of Interventional Cardiology</i> , 2001, 14, 191-192.	0.5	26
126	Percutaneous pulmonary valve replacement using completely tissue-engineered off-the-shelf heart valves: six-month in vivo functionality and matrix remodelling in sheep. <i>EuroIntervention</i> , 2016, 12, 62-70.	1.4	26



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127	Analysis of Arrhythmias After Correction of Partial Anomalous Pulmonary Venous Connection. <i>Annals of Thoracic Surgery</i> , 2009, 87, 580-583.	0.7	25
128	Transcatheter closure of atrial septal defects under echocardiographic guidance without X-ray: initial experiences. <i>Cardiology in the Young</i> , 1999, 9, 136-140.	0.4	24
129	Early Results of the Bovine Jugular Vein Graft Used for Reconstruction of the Right Ventricular Outflow Tract. <i>Annals of Thoracic Surgery</i> , 2005, 79, 618-624.	0.7	24
130	Mid-term follow-up in patients with diaphragmatic plication after surgery for congenital heart disease. <i>Intensive Care Medicine</i> , 2007, 33, 1985-1992.	3.9	24
131	Stent implantation and balloon angioplasty for treatment of branch pulmonary artery stenosis in children. <i>Clinical Research in Cardiology</i> , 2008, 97, 310-317.	1.5	24
132	First implantation of the CE-marked transcatheter Sapien pulmonic valve in Europe. <i>Clinical Research in Cardiology</i> , 2011, 100, 85-87.	1.5	24
133	Mechanisms of hypothermia-induced cell protection in the brain. <i>Molecular and Cellular Pediatrics</i> , 2014, 1, 7.	1.0	24
134	RIKADA Study Reveals Risk Factors in Pediatric Primary Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2019, 8, e012531.	1.6	24
135	Adaptive growth and remodeling of transplanted hearts in children. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1374-1383.	0.6	23
136	Optical Coherence Tomography for the Early Detection of Coronary Vascular Changes in Children and Adolescents After Cardiac Transplantation. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2492-2501.	2.3	23
137	Initial clinical manifestations and mid- and long-term results after surgical repair of double-chambered right ventricle in children and adults. <i>Cardiology in the Young</i> , 2008, 18, 268-274.	0.4	22
138	Hypothermia protects H9c2 cardiomyocytes from H2O2 induced apoptosis. <i>Cryobiology</i> , 2011, 62, 53-61.	0.3	22
139	Pediatric heart transplantation: 23-year single-center experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, e83-e89.	0.6	22
140	Outlier-Based Identification of Copy Number Variations Using Targeted Resequencing in a Small Cohort of Patients with Tetralogy of Fallot. <i>PLoS ONE</i> , 2014, 9, e85375.	1.1	22
141	Changing prevalence of severe congenital heart disease: Results from the National Register for Congenital Heart Defects in Germany. <i>Congenital Heart Disease</i> , 2017, 12, 787-793.	0.0	22
142	Dilatation and Stenting of the Fontan Pathway: Impact of the Stenosis Treatment on Chronic Ascites. <i>Journal of Interventional Cardiology</i> , 2008, 21, 38-43.	0.5	21
143	Staged Surgical Palliation in Hypoplastic Left Heart Syndrome and Its Variants. <i>Journal of Cardiac Surgery</i> , 2009, 24, 383-391.	0.3	21
144	Small Animal Look-Locker Inversion Recovery (SALLI) for Simultaneous Generation of Cardiac T1 Maps and Cine and Inversion Recoveryâ€”prepared Images at High Heart Rates: Initial Experience. <i>Radiology</i> , 2011, 261, 258-265.	3.6	21

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145	Modified Nikaidoh procedure for the correction of complex forms of transposition of the great arteries with ventricular septal defect and left ventricular outflow tract obstruction: mid-term results. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 928-934.	0.6	21
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147	Myocardial T1 maps reflect histological findings in acute and chronic stages of myocarditis in a rat model. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 19.	1.6	21
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290	Delivery room asphyxia in neonates with ductal-dependent congenital heart disease: a retrospective cohort study. <i>Journal of Perinatology</i> , 2019, 39, 1627-1634.	0.9	3
291	Fontan completion during winter season is not associated with higher mortality or morbidity in the early post-operative period. <i>Cardiology in the Young</i> , 2020, 30, 629-632.	0.4	3
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308	Outcomes in very low birthweight infants with severe congenital heart defect following cardiac surgery within the first year of life. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	2
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326	Morphologic Alterations Precede Functional Hepatic Impairment as Determined by <sup>13</sup> C-Methacetin Liver Function Breath Test in Adult Fontan Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 764009.	1.1	1
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328	Hammock mitral valve and modified Paneth plasty. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 1076-1076.	0.6	0
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