

# Felix Berger

## List of Publications by Year in descending order

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338  
papers

11,320  
citations

25034

57  
h-index

48315

88  
g-index

346  
all docs

346  
docs citations

346  
times ranked

11392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary valve prostheses: patient's lifetime procedure load and durability. Evaluation of the German National Register for Congenital Heart Defects. Interactive Cardiovascular and Thoracic Surgery, 2022, 34, 297-306.	1.1	6
2	The Impact of Prematurity on Morbidity and Mortality in Newborns with Dextro-transposition of the Great Arteries. Pediatric Cardiology, 2022, 43, 391-400.	1.3	2
3	Outcomes in very low birthweight infants with severe congenital heart defect following cardiac surgery within the first year of life. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	2
4	Four-Dimensional Computed Tomography-Guided Valve Sizing for Transcatheter Pulmonary Valve Replacement. Journal of Visualized Experiments, 2022, , .	0.3	2
5	Reintervention and Survival After Transcatheter Pulmonary Valve Replacement. Journal of the American College of Cardiology, 2022, 79, 18-32.	2.8	32
6	Common Genetic Variants Contribute to Risk of Transposition of the Great Arteries. Circulation Research, 2022, 130, 166-180.	4.5	15
7	Anatomic Repair of Congenitally Corrected Transposition: Reappraisal of Eligibility Criteria. Pediatric Cardiology, 2022, 43, 1214-1222.	1.3	0
8	Prospective multicenter study of the breakable babystent for treatment of aortic coarctation in newborns and infants. Catheterization and Cardiovascular Interventions, 2022, 99, 1529-1537.	1.7	5
9	A Multimodal Score Accurately Classifies Fontan Failure and Late Mortality in Adult Fontan Patients. Frontiers in Cardiovascular Medicine, 2022, 9, 767503.	2.4	8
10	Nationwide Registry-Based Analysis of Infective Endocarditis Risk After Pulmonary Valve Replacement. Journal of the American Heart Association, 2022, 11, e022231.	3.7	15
11	Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Patients With Heart Failure: A Systematic Review and Meta-Analysis. Frontiers in Cardiovascular Medicine, 2022, 9, 718114.	2.4	0
12	Compensatory Upregulation of Anti-Beta-Adrenergic Receptor Antibody Levels Might Prevent Heart Failure Presentation in Pediatric Myocarditis. Frontiers in Pediatrics, 2022, 10, 881208.	1.9	3
13	Revascularization of Left Subclavian to Common Carotid Artery Prepares for Covered Stent Implantation in Patients With Complex Aortic Coarctation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2022, 17, 237-243.	0.9	1
14	Sotrovimab in pediatric cardiac transplant recipients with SARS-CoV2 infection. Journal of Heart and Lung Transplantation, 2022, 41, 1124-1126.	0.6	2
15	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): third Paediatric (Paedi-EUROMACS) report. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	6
16	Pathogenic Variants in Cardiomyopathy Disorder Genes Underlie Pediatric Myocarditis – Further Impact of Heterozygous Immune Disorder Gene Variants?. Journal of Cardiovascular Development and Disease, 2022, 9, 216.	1.6	3
17	Mismatch between self-estimated and objectively assessed exercise capacity in patients with congenital heart disease varies in regard to complexity of cardiac defects. Cardiology in the Young, 2021, 31, 77-83.	0.8	2
18	Evaluation of Fontan failure by classifying the severity of Fontan-associated liver disease: a single-centre cross-sectional study. European Journal of Cardio-thoracic Surgery, 2021, 59, 341-348.	1.4	9

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19	Germline variants in HEY2 functional domains lead to congenital heart defects and thoracic aortic aneurysms. <i>Genetics in Medicine</i> , 2021, 23, 103-110.	2.4	7
20	Unusual Access. , 2021, , 201-209.		1
21	Can Left Atrioventricular Valve Reduction Index (LAVRI) Predict the Surgical Strategy for Repair of Atrioventricular Septal Defect?. <i>Pediatric Cardiology</i> , 2021, 42, 898-905.	1.3	2
22	Image-Based Computational Model Predicts Dobutamine-Induced Hemodynamic Changes in Patients With Aortic Coarctation. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011523.	2.6	1
23	RNA expression profiles and regulatory networks in human right ventricular hypertrophy due to high pressure load. <i>IScience</i> , 2021, 24, 102232.	4.1	11
24	Diffuse myocardial fibrosis by T1 mapping is associated with heart failure in pediatric primary dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2021, 333, 219-225.	1.7	8
25	Rare variants in KDR, encoding VEGF Receptor 2, are associated with tetralogy of Fallot. <i>Genetics in Medicine</i> , 2021, 23, 1952-1960.	2.4	7
26	Persisting and reoccurring cyanosis after Fontan operation is associated with increased late mortality. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 61, 54-61.	1.4	10
27	Integrative analysis of genomic variants reveals new associations of candidate haploinsufficient genes with congenital heart disease. <i>PLoS Genetics</i> , 2021, 17, e1009679.	3.5	17
28	Family-Centered Care at Pediatric Cardiac Intensive Care Units in Germany and the Relationship With Parent and Infant Well-Being: A Study Protocol. <i>Frontiers in Pediatrics</i> , 2021, 9, 666904.	1.9	2
29	Long-term experience using CNi-free immunosuppression in selected paediatric heart transplant recipients. <i>Pediatric Transplantation</i> , 2021, 25, e14111.	1.0	2
30	Pathogenic Variants Associated With Dilated Cardiomyopathy Predict Outcome in Pediatric Myocarditis. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003250.	3.6	27
31	Ventricular assist devices in paediatric cardiomyopathy and congenital heart disease: An analysis of the German National Register for Congenital Heart Defects. <i>International Journal of Cardiology</i> , 2021, 343, 37-44.	1.7	0
32	Reduced Systolic Function and Not Genetic Variants Determine Outcome in Pediatric and Adult Left Ventricular Noncompaction Cardiomyopathy. <i>Frontiers in Pediatrics</i> , 2021, 9, 722926.	1.9	8
33	Late Fontan failure in adult patients is predominantly associated with deteriorating ventricular function. <i>International Journal of Cardiology</i> , 2021, 344, 87-94.	1.7	8
34	Preoperative Anemia and Outcomes After Corrective Surgery in Neonates With Dextro-Transposition of the Great Arteries. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2900-2906.	1.3	2
35	Measuring myocardial extracellular volume of the right ventricle in patients with congenital heart disease. <i>Scientific Reports</i> , 2021, 11, 2679.	3.3	4
36	Cooling and Sterile Inflammation in an Oxygen-Glucose-Deprivation/Reperfusion Injury Model in BV-2 Microglia. <i>Mediators of Inflammation</i> , 2021, 2021, 1-16.	3.0	6

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37	Hypothermia for cardiogenic encephalopathy in neonates with dextro-transposition of the great arteries. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 130-136.	1.1	0
38	Home-Based Long-Term Physical Endurance and Inspiratory Muscle Training for Children and Adults With Fontan Circulation—Initial Results From a Prospective Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 784648.	2.4	4
39	Midwall Fibrosis and Cardiac Mechanics: Rigid Body Rotation Is a Novel Marker of Disease Severity in Pediatric Primary Dilated Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 810005.	2.4	2
40	Morphologic Alterations Precede Functional Hepatic Impairment as Determined by 13C-Methacetin Liver Function Breath Test in Adult Fontan Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 764009.	2.4	1
41	Abnormal aortic flow profiles persist after aortic valve replacement in the majority of patients with aortic valve disease: how model-based personalized therapy planning could improve results. A pilot study approach. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 133-141.	1.4	9
42	A Prospective Clinical Trial Measuring the Effects of Cardiopulmonary Bypass Under Mild Hypothermia on the Inflammatory Response and Regulation of Cold-Shock Protein RNA-Binding Motif 3. <i>Therapeutic Hypothermia and Temperature Management</i> , 2020, 10, 60-70.	0.9	12
43	First paediatric cohort for the evaluation of inflammation in endomyocardial biopsies derived from congenital heart surgery. <i>International Journal of Cardiology</i> , 2020, 303, 36-40.	1.7	10
44	Fast-track extubation after cardiac surgery in infants: Tug-of-war between performance and reimbursement?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 162, 435-443.	0.8	12
45	Unexpected ventricular tachycardia following acoustic provocation during electroencephalography. <i>Archives of Disease in Childhood</i> , 2020, 106, archdischild-2020-320420.	1.9	1
46	Education of Children With Cyanotic Congenital Heart Disease After Neonatal Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 112, 1546-1552.	1.3	2
47	Wearable devices can predict the outcome of standardized 6-minute walk tests in heart disease. <i>Npj Digital Medicine</i> , 2020, 3, 92.	10.9	10
48	Interventional creation of an endogenous reverse Potts shunt in an infant with pulmonary hypertension and genetic surfactant disorder—a case report. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1696-1700.	1.7	2
49	Effect of a Dual-Strain Probiotic on Necrotizing Enterocolitis in Neonates with Ductal-Dependent Congenital Heart Disease: A Retrospective Cohort Study. <i>Neonatology</i> , 2020, 117, 569-576.	2.0	6
50	Corrigendum to: The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): first EUROMACS Paediatric (Paedi-EUROMACS) report [Eur J Cardiothorac Surg 2018;54:800–8]. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 1019-1020.	1.4	1
51	Assessment of hemodynamic responses to exercise in aortic coarctation using MRI-ergometry in combination with computational fluid dynamics. <i>Scientific Reports</i> , 2020, 10, 18894.	3.3	10
52	The Effects of Targeted Temperature Management on Oxygen-Glucose Deprivation/Reperfusion-Induced Injury and DAMP Release in Murine Primary Cardiomyocytes. <i>Mediators of Inflammation</i> , 2020, 2020, 1-12.	3.0	0
53	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.	1.4	28
54	Treatment strategies for protein-losing enteropathy in Fontan-palliated patients. <i>Cardiology in the Young</i> , 2020, 30, 698-709.	0.8	19

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55	Pulmonary Hypertension in Adults with Congenital Heart Disease: Real-World Data from the International COMPERA-CHD Registry. <i>Journal of Clinical Medicine</i> , 2020, 9, 1456.	2.4	21
56	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.	3.7	39
57	Outcomes After Transcatheter Reintervention for Dysfunction of a Previously Implanted Transcatheter Pulmonary Valve. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1529-1540.	2.9	7
58	Severity of Fontan-Associated Liver Disease Correlates with Fontan Hemodynamics. <i>Pediatric Cardiology</i> , 2020, 41, 736-746.	1.3	37
59	Adult congenital open-heart surgery: emergence of a new mortality score. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 171-176.	1.4	8
60	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.	0.8	3
61	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.	5.3	23
62	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.	1.7	28
63	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.	1.0	35
64	Combined Cyclosporin A and Hypothermia Treatment Inhibits Activation of BV-2 Microglia but Induces an Inflammatory Response in an Ischemia/Reperfusion Hippocampal Slice Culture Model. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 273.	3.7	5
65	RIKADA Study Reveals Risk Factors in Pediatric Primary Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2019, 8, e012531.	3.7	24
66	Targeted panel sequencing in pediatric primary cardiomyopathy supports a critical role of <i>TNNI3</i> . <i>Clinical Genetics</i> , 2019, 96, 549-559.	2.0	28
67	Non-invasive assessment of liver alterations in Senning and Mustard patients. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S198-S208.	1.7	4
68	Surrogates for myocardial power and power efficiency in patients with aortic valve disease. <i>Scientific Reports</i> , 2019, 9, 16407.	3.3	6
69	Delivery room asphyxia in neonates with ductal-dependent congenital heart disease: a retrospective cohort study. <i>Journal of Perinatology</i> , 2019, 39, 1627-1634.	2.0	3
70	ADAPT-treated pericardium for aortic valve reconstruction in congenital heart disease: histological analysis of a series of human explants. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 1170-1177.	1.4	12
71	First steps to a clinical research unit for developmental research in paediatric cardiology: conception and progress of the LEADER project (Long Term Early Development Research) in CHD. <i>Cardiology in the Young</i> , 2019, 29, 672-678.	0.8	0
72	Long-term results after surgical repair of atrioventricular septal defect. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 28, 789-796.	1.1	19

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73	First use and limitations of Magmaris® bioresorbable stenting in a low birth weight infant with native aortic coarctation. Catheterization and Cardiovascular Interventions, 2019, 93, 1340-1343.	1.7	10
74	Acute and midterm outcomes of the post-approval MELODY Registry: a multicentre registry of transcatheter pulmonary valve implantation. European Heart Journal, 2019, 40, 2255-2264.	2.2	69
75	Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Healthy Subjects, Aortic Stenosis and Aortic Coarctation Patients—A Systematic Review and Meta-Analysis. Frontiers in Cardiovascular Medicine, 2019, 6, 43.	2.4	12
76	Impact of predictive medicine on therapeutic decision making: a randomized controlled trial in congenital heart disease. Npj Digital Medicine, 2019, 2, 17.	10.9	5
77	Developmental Outcome in Infants with Cardiovascular Disease After Cardiopulmonary Resuscitation: A Pilot Study. Journal of Clinical Psychology in Medical Settings, 2019, 26, 575-583.	1.4	4
78	Patient-specific requirements and clinical validation of MRI-based pressure mapping: A two-center study in patients with aortic coarctation. Journal of Magnetic Resonance Imaging, 2019, 49, spcone.	3.4	0
79	Therapeutic Hypothermia After Perinatal Asphyxia in Infants With Severe, Ductal-Dependent Congenital Heart Disease*. Pediatric Critical Care Medicine, 2019, 20, 457-465.	0.5	7
80	Post-TTM Rebound Pyrexia after Ischemia-Reperfusion Injury Results in Sterile Inflammation and Apoptosis in Cardiomyocytes. Mediators of Inflammation, 2019, 2019, 1-10.	3.0	7
81	Altered microRNA and target gene expression related to Tetralogy of Fallot. Scientific Reports, 2019, 9, 19063.	3.3	15
82	Educational achievement of children with congenital heart disease: Promising results from a survey by the German National Register of Congenital Heart Defects. Early Human Development, 2019, 128, 27-34.	1.8	8
83	Patient-specific requirements and clinical validation of MRI-based pressure mapping: A two-center study in patients with aortic coarctation. Journal of Magnetic Resonance Imaging, 2019, 49, 81-89.	3.4	13
84	Immunodepression after CPB: Cytokine dynamics and clinics after pediatric cardiac surgery – A prospective trial. Cytokine, 2019, 122, 154018.	3.2	13
85	Recommendations for the configuration of a cardiac catheterisation laboratory for the treatment of children with CHD. Cardiology in the Young, 2018, 28, 791-794.	0.8	4
86	Cerebral strokes in children on intracorporeal ventricular assist devices: analysis of the EUROMACS Registry. European Journal of Cardio-thoracic Surgery, 2018, 53, 416-421.	1.4	17
87	Early extubation is associated with improved early outcome after extracardiac total cavopulmonary connection independently of duration of cardiopulmonary bypass. European Journal of Cardio-thoracic Surgery, 2018, 54, 953-958.	1.4	16
88	Results of aortic valve repair using decellularized bovine pericardium in congenital surgery. European Journal of Cardio-thoracic Surgery, 2018, 54, 986-992.	1.4	37
89	Modified Ross-Konno procedure in children: subcoronary implantation technique with Konno incision for annular and subannular hypoplasia. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 264-268.	1.1	4
90	Presence of reduced regional left ventricular function even in the absence of left ventricular wall scar tissue in the long term after repair of an anomalous left coronary artery from the pulmonary artery. Cardiology in the Young, 2018, 28, 200-207.	0.8	1

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91	Prognostic value of serum biomarkers of cerebral injury in classifying neurological outcome after paediatric resuscitation. <i>Resuscitation</i> , 2018, 122, 113-120.	3.0	19
92	Hemodynamic Evaluation of a Biological and Mechanical Aortic Valve Prosthesis Using Patientâ€specific MRIâ€Based CFD. <i>Artificial Organs</i> , 2018, 42, 49-57.	1.9	38
93	Educational level and employment status in adults with congenital heart disease. <i>Cardiology in the Young</i> , 2018, 28, 32-38.	0.8	19
94	Dynamics in prevalence of Down syndrome in children with congenital heart disease. <i>European Journal of Pediatrics</i> , 2018, 177, 107-115.	2.7	34
95	Magnetic resonance and computed tomography imaging fusion for live guidance of percutaneous pulmonary valve implantation. <i>Postępy W Kardiologii Interwencyjnej</i> , 2018, 14, 413-421.	0.2	7
96	Transcatheter Decellularized Tissue-Engineered Heart Valve (dTEHV) Grown on Polyglycolic Acid (PGA) Scaffold Coated with P4HB Shows Improved Functionality over 52 Weeks due to Polyether-Ether-Ketone (PEEK) Insert. <i>Journal of Functional Biomaterials</i> , 2018, 9, 64.	4.4	12
97	Endocarditis After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2717-2728.	2.8	101
98	Assessment of a congenital heart surgery programme: a reappraisal. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 417-421.	1.1	3
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.	1.4	34
100	CMR-Based and Time-Shift Corrected Pressure Gradients Provide Good Agreement to Invasive Measurements in Aortic Coarctation. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1725-1727.	5.3	1
101	Successful exclusion of an aortic aneurysm with a novel PTFEâ€tube covered cobaltâ€chromium stent in a pediatric patient with native coarctation of the aorta. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 930-934.	1.7	10
102	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, .	12.4	142
103	Bridge to recovery in children on ventricular assist devicesâ€protocol, predictors of recovery, and long-term follow-up. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1459-1466.	0.6	32
104	Open-heart surgery in neonates: current practice. <i>Journal of Cardiovascular Surgery</i> , 2018, 59, 299-301.	0.6	1
105	Different indications for transcatheter and surgical patent ductus arteriosus closure in preterm infants less than 2 kg. <i>International Journal of Cardiology</i> , 2018, 266, 83.	1.7	1
106	First percutaneous implantation of a completely tissue-engineered self-expanding pulmonary heart valve prosthesis using a newly developed delivery system: a feasibility study in sheep. <i>Cardiovascular Intervention and Therapeutics</i> , 2017, 32, 36-47.	2.3	19
107	Pharmacokinetics of Oral and Intravenous Oseltamivir Treatment of Severe Influenza B Virus Infection Requiring Organ Replacement Therapy. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 155-164.	1.6	10
108	Routine Application of Bloodless Priming in Neonatal Cardiopulmonary Bypass: A 3-Year Experience. <i>Pediatric Cardiology</i> , 2017, 38, 807-812.	1.3	28



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109	Moderate therapeutic hypothermia induces multimodal protective effects in oxygen-glucose deprivation/reperfusion injured cardiomyocytes. <i>Mitochondrion</i> , 2017, 35, 1-10.	3.4	19
110	Cardiac T1 mapping in congenital heart disease: bolus vs. infusion protocols for measurements of myocardial extracellular volume fraction. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1961-1968.	1.5	5
111	Predictors of health-related quality of life in children with chronic heart disease. <i>Cardiology in the Young</i> , 2017, 27, 1455-1464.	0.8	14
112	Closure of patent foramen ovale defects using GORE® CARDIOFORM septal occluder: Results from a prospective European multicenter study. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 824-829.	1.7	19
113	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.	2.9	68
114	Ivabradine in Children With Dilated Cardiomyopathy and Symptomatic Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1262-1272.	2.8	68
115	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.	0.2	22
116	Two Pumps for Single Ventricle: Mechanical Support for Establishment of Biventricular Circulation. <i>Annals of Thoracic Surgery</i> , 2017, 104, e143-e145.	1.3	13
117	Non-invasive assessment of liver changes in Eisenmenger patients. <i>International Journal of Cardiology</i> , 2017, 249, 140-144.	1.7	9
118	Deep hypothermia therapy attenuates LPS-induced microglia neuroinflammation via the STAT3 pathway. <i>Neuroscience</i> , 2017, 358, 201-210.	2.3	15
119	Clinical outcome and inflammatory response after transfusion of washed and unwashed red blood cells in children following cardiovascular surgery. <i>Progress in Pediatric Cardiology</i> , 2017, 47, 73-79.	0.4	0
120	Interventional reopening of a PDA for reverse potts shunt circulation after ADO I implantation in a child. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, E133-E136.	1.7	3
121	Long-term early development research in congenital heart disease (LEADER-CHD): a study protocol for a prospective cohort observational study investigating the development of children after surgical correction for congenital heart defects during the first 3 years of life. <i>BMJ Open</i> , 2017, 7, e018966.	1.9	5
122	3D image fusion for live guidance of stent implantation in aortic coarctation – magnetic resonance imaging and computed tomography image overlay enhances interventional technique. <i>Postępy W Kardiologii Interwencyjnej</i> , 2017, 3, 269-272.	0.2	6
123	Neuroprotection via RNA-binding protein RBM3 expression is regulated by hypothermia but not by hypoxia in human SK-N-SH neurons. <i>Hypoxia (Auckland, N Z)</i> , 2017, Volume 5, 33-43.	1.9	6
124	Beyond Pressure Gradients: The Effects of Intervention on Heart Power in Aortic Coarctation. <i>PLoS ONE</i> , 2017, 12, e0168487.	2.5	14
125	Five-year results from a prospective multicentre study of percutaneous pulmonary valve implantation demonstrate sustained removal of significant pulmonary regurgitation, improved right ventricular outflow tract obstruction and improved quality of life. <i>EuroIntervention</i> , 2017, 12, 1715-1723.	3.2	21
126	Subacute Myocarditis Associated with Bocavirus Infection in an 8-Week-Old Infant. <i>Klinische Padiatrie</i> , 2017, 229, 103-105.	0.6	4



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127	Hypothermia During Cardiopulmonary Bypass Increases Need for Inotropic Support but Does Not Impact Inflammation in Children Undergoing Surgical Ventricular Septal Defect Closure. Artificial Organs, 2016, 40, 470-479.	1.9	12
128	Systemic right ventricular morphology in the early postoperative course after extracardiac Fontan operation: is there still a need for special care?. European Journal of Cardio-thoracic Surgery, 2016, 51, ezw374.	1.4	2
129	Cardiac MRI in patients with complex CHD following primary or secondary implantation of MRI-conditional pacemaker system. Cardiology in the Young, 2016, 26, 306-314.	0.8	6
130	Arrhythmia Detection in Pediatric Patients: ECG Quality and Diagnostic Yield of a Patient-Triggered Einthoven Lead-I Event Recorder (Zenikor EKG-2â„¢). Pediatric Cardiology, 2016, 37, 491-496.	1.3	11
131	Transcatheter Pulmonary Valve Replacement Reduces Tricuspid Regurgitation in Patients With Right Ventricular Volume/Pressure Overload. Journal of the American College of Cardiology, 2016, 68, 1525-1535.	2.8	61
132	Distinct genetic architectures for syndromic and nonsyndromic congenital heart defects identified by exome sequencing. Nature Genetics, 2016, 48, 1060-1065.	21.4	351
133	Comparative DNA methylation and gene expression analysis identifies novel genes for structural congenital heart diseases. Cardiovascular Research, 2016, 112, 464-477.	3.8	65
134	Frequency of Miscarriage/Stillbirth and Terminations of Pregnancy Among Women With Congenital Heart Disease in Germany, Hungary and Japan. Circulation Journal, 2016, 80, 1846-1851.	1.6	13
135	Myocardial T1 maps reflect histological findings in acute and chronic stages of myocarditis in a rat model. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 19.	3.3	21
136	A Universal Delivery System for Percutaneous Heart Valve Implantation. Annals of Biomedical Engineering, 2016, 44, 2683-2694.	2.5	6
137	Effects of mTOR and calcineurin inhibitors combined therapy in Epstein-Barr virus positive and negative Burkitt lymphoma cells. International Immunopharmacology, 2016, 30, 9-17.	3.8	8
138	Transcatheter Tricuspid Valve-in-Valve Implantation for the Treatment of Dysfunctional Surgical Bioprosthetic Valves. Circulation, 2016, 133, 1582-1593.	1.6	169
139	Current therapy and outcome of Eisenmenger syndrome: data of the German National Register for congenital heart defects. European Heart Journal, 2016, 37, 1449-1455.	2.2	89
140	Evaluation of contraceptive methods in women with congenital heart disease in Germany, Hungary and Japan. International Journal of Cardiology, 2016, 206, 13-18.	1.7	7
141	MRI as a tool for non-invasive vascular profiling: a pilot study in patients with aortic coarctation. Expert Review of Medical Devices, 2016, 13, 103-112.	2.8	8
142	A multicenter study of the HeartWare ventricular assist device in small children. Journal of Heart and Lung Transplantation, 2016, 35, 679-681.	0.6	79
143	Percutaneous pulmonary valve replacement using completely tissue-engineered off-the-shelf heart valves: six-month in vivo functionality and matrix remodelling in sheep. EuroIntervention, 2016, 12, 62-70.	3.2	26
144	Effects of incremental beta-blocker dosing on myocardial mechanics of the human left ventricle: MRI 3D-tagging insight into pharmacodynamics supports theory of inner antagonism. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H45-H52.	3.2	8

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