

Felix Berger

List of Publications by Year in Descending Order

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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.

332
papers

8,668
citations

51
h-index

78
g-index

346
ext. papers

10,137
ext. citations

3.9
avg, IF

5.64
L-index

#	Paper	IF	Citations
332	Reintervention and Survival After Transcatheter Pulmonary Valve Replacement.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 18-32	15.1	2
331	Anatomic Repair of Congenitally Corrected Transposition: Reappraisal of Eligibility Criteria.. <i>Pediatric Cardiology</i> , 2022 , 1	2.1	
330	A Multimodal Score Accurately Classifies Fontan Failure and Late Mortality in Adult Fontan Patients.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 767503	5.4	0
329	Nationwide Registry-Based Analysis of Infective Endocarditis Risk After Pulmonary Valve Replacement.. <i>Journal of the American Heart Association</i> , 2022 , e022231	6	0
328	Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Patients With Heart Failure: A Systematic Review and Meta-Analysis.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 718114	5.4	1
327	Compensatory Upregulation of Anti-Beta-Adrenergic Receptor Antibody Levels Might Prevent Heart Failure Presentation in Pediatric Myocarditis.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 881208	3.4	0
326	Common Genetic Variants Contribute to Risk of Transposition of the Great Arteries. <i>Circulation Research</i> , 2021 ,	15.7	2
325	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	5.4	1
324	Cooling and Sterile Inflammation in an Oxygen-Glucose-Deprivation/Reperfusion Injury Model in BV-2 Microglia. <i>Mediators of Inflammation</i> , 2021 , 2021, 8906561	4.3	1
323	Hypothermia for cardiogenic encephalopathy in neonates with dextro-transposition of the great arteries. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 32, 130-136	1.8	
322	Fast-track extubation after cardiac surgery in infants: Tug-of-war between performance and reimbursement?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 435-443	1.5	8
321	Unexpected ventricular tachycardia following acoustic provocation during electroencephalography. <i>Archives of Disease in Childhood</i> , 2021 , 106, 708	2.2	
320	Education of Children With Cyanotic Congenital Heart Disease After Neonatal Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1546-1552	2.7	0
319	RNA expression profiles and regulatory networks in human right ventricular hypertrophy due to high pressure load. <i>iScience</i> , 2021 , 24, 102232	6.1	5
318	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	3.2	3
317	Rare variants in KDR, encoding VEGF Receptor 2, are associated with tetralogy of Fallot. <i>Genetics in Medicine</i> , 2021 , 23, 1952-1960	8.1	1
316	Persisting and reoccurring cyanosis after Fontan operation is associated with increased late mortality. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 ,	3	1

315	Mismatch between self-estimated and objectively assessed exercise capacity in patients with congenital heart disease varies in regard to complexity of cardiac defects. <i>Cardiology in the Young</i> , 2021 , 31, 77-83	1	1
314	Germline variants in HEY2 functional domains lead to congenital heart defects and thoracic aortic aneurysms. <i>Genetics in Medicine</i> , 2021 , 23, 103-110	8.1	3
313	Pulmonary valve prostheses: patient's lifetime procedure load and durability. Evaluation of the German National Register for Congenital Heart Defects. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 ,	1.8	1
312	Unusual Access 2021 , 201-209		
311	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	2.1	2
310	Image-Based Computational Model Predicts Dobutamine-Induced Hemodynamic Changes in Patients With Aortic Coarctation. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e011523	3.9	1
309	Integrative analysis of genomic variants reveals new associations of candidate haploinsufficient genes with congenital heart disease. <i>PLoS Genetics</i> , 2021 , 17, e1009679	6	1
308	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	3.4	0
307	Long-term experience using CNI-free immunosuppression in selected paediatric heart transplant recipients. <i>Pediatric Transplantation</i> , 2021 , 25, e14111	1.8	0
306	Pathogenic Variants Associated With Dilated Cardiomyopathy Predict Outcome in Pediatric Myocarditis. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003250	5.2	4
305	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	3.2	
304	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	3.4	2
303	Late Fontan failure in adult patients is predominantly associated with deteriorating ventricular function. <i>International Journal of Cardiology</i> , 2021 , 344, 87-94	3.2	1
302	The Impact of Prematurity on Morbidity and Mortality in Newborns with Dextro-transposition of the Great Arteries. <i>Pediatric Cardiology</i> , 2021 , 1	2.1	
301	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	2.1	0
300	Measuring myocardial extracellular volume of the right ventricle in patients with congenital heart disease. <i>Scientific Reports</i> , 2021 , 11, 2679	4.9	2
299	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	5.4	0
298	Morphologic Alterations Precede Functional Hepatic Impairment as Determined by C-Methacetin Liver Function Breath Test in Adult Fontan Patients.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 764005	5.4	0

297	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	3	11
296	Treatment strategies for protein-losing enteropathy in Fontan-palliated patients. <i>Cardiology in the Young</i> , 2020 , 30, 698-709	1	7
295	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,	5.1	8
294	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	6	19
293	Outcomes After Transcatheter Reintervention for Dysfunction of a Previously Implanted Transcatheter Pulmonary Valve. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1529-1540	5	2
292	Severity of Fontan-Associated Liver Disease Correlates with Fontan Hemodynamics. <i>Pediatric Cardiology</i> , 2020 , 41, 736-746	2.1	15
291	Adult congenital open-heart surgery: emergence of a new mortality score. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 171-176	3	5
290	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	3.2	2
289	Wearable devices can predict the outcome of standardized 6-minute walk tests in heart disease. <i>Npj Digital Medicine</i> , 2020 , 3, 92	15.7	4
288	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	2.6	0
287	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	4	3
286	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	3	0
285	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	4.9	2
284	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	4.3	
283	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	3	2
282	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	1.3	6
281	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	1	3
280	Evaluation of Fontan failure by classifying the severity of Fontan-associated liver disease: a single-centre cross-sectional study. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 ,	3	4

279	Delivery room asphyxia in neonates with ductal-dependent congenital heart disease: a retrospective cohort study. <i>Journal of Perinatology</i> , 2019 , 39, 1627-1634	3.1	1
278	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	3	6
277	Retraction: Bruder, L. et al. 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. . 2018, (4), 64. <i>Journal of Functional Biomaterials</i> , 2019 , 10	4.8	1
276	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	1	
275	Long-term results after surgical repair of atrioventricular septal defect. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 28, 789-796	1.8	8
274	First use and limitations of Magmaris [®] bioresorbable stenting in a low birth weight infant with native aortic coarctation. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 1340-1343	2.7	4
273	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	9.5	33
272	Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Healthy Subjects, Aortic Stenosis and Aortic Coarctation Patients-A Systematic Review and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 43	5.4	8
271	Impact of predictive medicine on therapeutic decision making: a randomized controlled trial in congenital heart disease. <i>Npj Digital Medicine</i> , 2019 , 2, 17	15.7	2
270	Developmental Outcome in Infants with Cardiovascular Disease After Cardiopulmonary Resuscitation: A Pilot Study. <i>Journal of Clinical Psychology in Medical Settings</i> , 2019 , 26, 575-583	2	2
269	Optical Coherence Tomography for the Early Detection of Coronary Vascular Changes in Children and Adolescents After Cardiac Transplantation: Findings From the International Pediatric OCT Registry. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2492-2501	8.4	14
268	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	2.7	16
267	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	1.8	11
266	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	6.1	2
265	RIKADA Study Reveals Risk Factors in Pediatric Primary Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2019 , 8, e012531	6	14
264	Targeted panel sequencing in pediatric primary cardiomyopathy supports a critical role of TNNI3. <i>Clinical Genetics</i> , 2019 , 96, 549-559	4	14
263	Non-invasive assessment of liver alterations in Senning and Mustard patients. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, S198-S208	2.6	2
262	Surrogates for myocardial power and power efficiency in patients with aortic valve disease. <i>Scientific Reports</i> , 2019 , 9, 16407	4.9	4

261	Therapeutic Hypothermia After Perinatal Asphyxia in Infants With Severe, Ductal-Dependent Congenital Heart Disease. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 457-465	3	3
260	Post-TTM Rebound Pyrexia after Ischemia-Reperfusion Injury Results in Sterile Inflammation and Apoptosis in Cardiomyocytes. <i>Mediators of Inflammation</i> , 2019 , 2019, 6431957	4.3	4
259	Altered microRNA and target gene expression related to Tetralogy of Fallot. <i>Scientific Reports</i> , 2019 , 9, 19063	4.9	4
258	Educational achievement of children with congenital heart disease: Promising results from a survey by the German National Register of Congenital Heart Defects. <i>Early Human Development</i> , 2019 , 128, 27-34	2.2	3
257	Patient-specific requirements and clinical validation of MRI-based pressure mapping: A two-center study in patients with aortic coarctation. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 81-89	5.6	9
256	Immunodepression after CPB: Cytokine dynamics and clinics after pediatric cardiac surgery - A prospective trial. <i>Cytokine</i> , 2019 , 122, 154018	4	8
255	Recommendations for the configuration of a cardiac catheterisation laboratory for the treatment of children with CHD. <i>Cardiology in the Young</i> , 2018 , 28, 791-794	1	1
254	Cerebral strokes in children on intracorporeal ventricular assist devices: analysis of the EUROMACS Registry. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 416-421	3	10
253	Early extubation is associated with improved early outcome after extracardiac total cavopulmonary connection independently of duration of cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 953-958	3	8
252	Results of aortic valve repair using decellularized bovine pericardium in congenital surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 986-992	3	25
251	Modified Ross-Konno procedure in children: subcoronary implantation technique with Konno incision for annular and subannular hypoplasia. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 264-268	1.8	3
250	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. <i>Cardiology in the Young</i> , 2018 , 28, 200-207	1	0
249	Prognostic value of serum biomarkers of cerebral injury in classifying neurological outcome after paediatric resuscitation. <i>Resuscitation</i> , 2018 , 122, 113-120	4	17
248	Hemodynamic Evaluation of a Biological and Mechanical Aortic Valve Prosthesis Using Patient-Specific MRI-Based CFD. <i>Artificial Organs</i> , 2018 , 42, 49-57	2.6	22
247	Educational level and employment status in adults with congenital heart disease. <i>Cardiology in the Young</i> , 2018 , 28, 32-38	1	15
246	Successful exclusion of an aortic aneurysm with a novel PTFE-tube covered cobalt-chromium stent in a pediatric patient with native coarctation of the aorta. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, 930-934	2.7	8
245	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,	17.5	83
244	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	5.8	13

243	Open-heart surgery in neonates: current practice. <i>Journal of Cardiovascular Surgery</i> , 2018 , 59, 299-301	0.7	
242	Different indications for transcatheter and surgical patent ductus arteriosus closure in preterm infants less than 2kg. <i>International Journal of Cardiology</i> , 2018 , 266, 83	3.2	
241	Dynamics in prevalence of Down syndrome in children with congenital heart disease. <i>European Journal of Pediatrics</i> , 2018 , 177, 107-115	4.1	25
240	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	0.4	4
239	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,	4.8	9
238	Endocarditis After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2717-2728	15.1	60
237	Assessment of a congenital heart surgery programme: a reappraisal. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 417-421	1.8	2
236	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	3	16
235	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	8.4	1
234	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	2.5	15
233	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	2.7	7
232	Routine Application of Bloodless Priming in Neonatal Cardiopulmonary Bypass: A 3-Year Experience. <i>Pediatric Cardiology</i> , 2017 , 38, 807-812	2.1	25
231	Moderate therapeutic hypothermia induces multimodal protective effects in oxygen-glucose deprivation/reperfusion injured cardiomyocytes. <i>Mitochondrion</i> , 2017 , 35, 1-10	4.9	14
230	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	2.5	4
229	Predictors of health-related quality of life in children with chronic heart disease. <i>Cardiology in the Young</i> , 2017 , 27, 1455-1464	1	7
228	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	2.7	13
227	Myokarditis im Kindes- und Jugendalter. <i>Kardiologie Up2date</i> , 2017 , 13, 275-293	0	
226	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 , 13, 269-272	0.4	4

225	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 , 5, 33-43	2.1	5
224	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	5	41
223	Ivabradine in Children With Dilated Cardiomyopathy and Symptomatic Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1262-1272	15.1	39
222	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	3.1	13
221	Two Pumps for Single Ventricle: Mechanical Support for Establishment of Biventricular Circulation. <i>Annals of Thoracic Surgery</i> , 2017 , 104, e143-e145	2.7	7
220	Non-invasive assessment of liver changes in Eisenmenger patients. <i>International Journal of Cardiology</i> , 2017 , 249, 140-144	3.2	8
219	Deep hypothermia therapy attenuates LPS-induced microglia neuroinflammation via the STAT3 pathway. <i>Neuroscience</i> , 2017 , 358, 201-210	3.9	12
218	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	
217	Interventional re-opening 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	2.7	2
216	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	3	3
215	Beyond Pressure Gradients: The Effects of Intervention on Heart Power in Aortic Coarctation. <i>PLoS ONE</i> , 2017 , 12, e0168487	3.7	11
214	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	3.1	17
213	Subacute Myocarditis Associated with Bocavirus Infection in an 8-Week-Old Infant. <i>Klinische Padiatrie</i> , 2017 , 229, 103-105	0.9	2
212	Systemic right ventricular morphology in the early postoperative course after extracardiac Fontan operation: is there still a need for special care?. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 483-489	3	1
211	Frequency of Miscarriage/Stillbirth and Terminations of Pregnancy Among Women With Congenital Heart Disease in Germany, Hungary and Japan. <i>Circulation Journal</i> , 2016 , 80, 1846-51	2.9	10
210	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	6.9	19
209	A Universal Delivery System for Percutaneous Heart Valve Implantation. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 2683-94	4.7	5
208	Effects of mTOR and calcineurin inhibitors combined therapy in Epstein-Barr virus positive and negative Burkitt lymphoma cells. <i>International Immunopharmacology</i> , 2016 , 30, 9-17	5.8	7

207	Transcatheter Tricuspid Valve-in-Valve Implantation for the Treatment of Dysfunctional Surgical Bioprosthetic Valves: An International, Multicenter Registry Study. <i>Circulation</i> , 2016 , 133, 1582-93	16.7	128
206	Current therapy and outcome of Eisenmenger syndrome: data of the German National Register for congenital heart defects. <i>European Heart Journal</i> , 2016 , 37, 1449-55	9.5	66
205	Evaluation of contraceptive methods in women with congenital heart disease in Germany, Hungary and Japan. <i>International Journal of Cardiology</i> , 2016 , 206, 13-8	3.2	6
204	MRI as a tool for non-invasive vascular profiling: a pilot study in patients with aortic coarctation. <i>Expert Review of Medical Devices</i> , 2016 , 13, 103-12	3.5	7
203	A multicenter study of the HeartWare ventricular assist device in small children. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 679-81	5.8	65
202	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 ^{3.1}		21
201	Hypothermia During Cardiopulmonary Bypass Increases Need for Inotropic Support but Does Not Impact Inflammation in Children Undergoing Surgical Ventricular Septal Defect Closure. <i>Artificial Organs</i> , 2016 , 40, 470-9	2.6	12
200	Cardiac MRI in patients with complex CHD following primary or secondary implantation of MRI-conditional pacemaker system. <i>Cardiology in the Young</i> , 2016 , 26, 306-14	1	5
199	Arrhythmia Detection in Pediatric Patients: ECG Quality and Diagnostic Yield of a Patient-Triggered Eindhoven Lead-I Event Recorder (Zenicor EKG-2II). <i>Pediatric Cardiology</i> , 2016 , 37, 491-6	2.1	5
198	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, 1525-35	15.1	46
197	Distinct genetic architectures for syndromic and nonsyndromic congenital heart defects identified by exome sequencing. <i>Nature Genetics</i> , 2016 , 48, 1060-5	36.3	200
196	Comparative DNA methylation and gene expression analysis identifies novel genes for structural congenital heart diseases. <i>Cardiovascular Research</i> , 2016 , 112, 464-77	9.9	45
195	Follow-up of patients with interventional closure of ventricular septal defects with Amplatzer Duct Occluder II. <i>Pediatric Cardiology</i> , 2015 , 36, 379-85	2.1	31
194	Propofol effect on cerebral oxygenation in children with congenital heart disease. <i>Pediatric Cardiology</i> , 2015 , 36, 543-9	2.1	23
193	Moderate hypothermia initiated during oxygen-glucose deprivation preserves HL-1 cardiomyocytes. <i>Cryobiology</i> , 2015 , 70, 101-8	2.7	7
192	Myokarditis. <i>Pediatric Up2date</i> , 2015 , 10, 223-242	0.2	
191	The influence of the region of interest width on two-dimensional speckle tracking-based measurements of strain and strain rate. <i>Echocardiography</i> , 2015 , 32, 89-95	1.5	11
190	Is MRI-based CFD able to improve clinical treatment of coarctations of aorta?. <i>Annals of Biomedical Engineering</i> , 2015 , 43, 168-76	4.7	26

189	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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H45-52	5.2	4
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