

Ingo Daehnert

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

1,880
citations

361413

20
h-index

302126

39
g-index

96
all docs

96
docs citations

96
times ranked

2866
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Distinct genetic architectures for syndromic and nonsyndromic congenital heart defects identified by exome sequencing. <i>Nature Genetics</i> , 2016, 48, 1060-1065. | 21.4 | 351 |
| 2 | Immediate primary transcatheter closure of postinfarction ventricular septal defects. <i>European Heart Journal</i> , 2008, 30, 81-88. | 2.2 | 192 |
| 3 | 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. | 0.8 | 190 |
| 4 | Transcatheter Closure of Atrial Septal Defects Without Fluoroscopy. <i>Circulation</i> , 2000, 101, 847-849. | 1.6 | 85 |
| 5 | 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. | 2.2 | 69 |
| 6 | Bovine Jugular Vein Conduit for Right Ventricular Outflow Tract Reconstruction: Evaluation of Risk Factors for Mid-Term Outcome. <i>Annals of Thoracic Surgery</i> , 2006, 82, 1308-1315. | 1.3 | 52 |
| 7 | Interventions in leaks and obstructions of the interatrial baffle late after Mustard and Senning correction for transposition of the great arteries. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 66, 400-407. | 1.7 | 41 |
| 8 | Primary Repair for Aortic Arch Obstruction Associated With Ventricular Septal Defect. <i>Annals of Thoracic Surgery</i> , 2004, 78, 1989-1993. | 1.3 | 35 |
| 9 | Neuroprotective Strategies during Cardiac Surgery with Cardiopulmonary Bypass. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1945. | 4.1 | 33 |
| 10 | Protective Effects of Pulsatile Flow During Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2015, 99, 192-199. | 1.3 | 30 |
| 11 | Echocardiographically Guided Closure of a Patent Foramen Ovale During Pregnancy After Recurrent Strokes. <i>Journal of Interventional Cardiology</i> , 2001, 14, 191-192. | 1.2 | 26 |
| 12 | Closure of Iatrogenic Atrial Septal Defect After Transcatheter Mitral Valve Repair. <i>Circulation</i> , 2021, 143, 292-294. | 1.6 | 26 |
| 13 | Transcatheter closure of atrial septal defects under echocardiographic guidance without X-ray: initial experiences. <i>Cardiology in the Young</i> , 1999, 9, 136-140. | 0.8 | 24 |
| 14 | Moderate versus deep hypothermia for the arterial switch operation â„” experience with 100 consecutive patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 619-625. | 1.4 | 23 |
| 15 | Role of connexins in human congenital heart disease: the chicken and egg problem. <i>Frontiers in Pharmacology</i> , 2013, 4, 70. | 3.5 | 23 |
| 16 | A randomized, controlled, multiâ„center trial of the efficacy and safety of the Occlutech Figulla Flexâ„ Occluder compared to the Amplatzer Septal Occluder for transcatheter closure of secundum atrial septal defects. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 316-321. | 1.7 | 23 |
| 17 | ASD and PFO closure with the Solysafe septal occluderâ„”Results of a prospective multicenter pilot study. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 71, 398-402. | 1.7 | 22 |
| 18 | Oral Everolimus for Treatment of a Giant Left Ventricular Rhabdomyoma in a Neonateâ„”Rapid Tumor Regression Documented by Real Time 3D Echocardiography. <i>Echocardiography</i> , 2015, 32, 1876-1879. | 0.9 | 22 |

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|----|---|-----|-----------|
| 19 | Association of temporary complete AV block and junctional ectopic tachycardia after surgery for congenital heart disease. <i>Annals of Pediatric Cardiology</i> , 2015, 8, 14. | 0.5 | 22 |
| 20 | 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 |
| 21 | Opposing and synergistic effects of cyclic mechanical stretch and $\hat{1}\pm$ - or $\hat{1}^2$ -adrenergic stimulation on the cardiac gap junction protein Cx43. <i>Pharmacological Research</i> , 2010, 62, 506-513. | 7.1 | 20 |
| 22 | Impact of percutaneous pulmonary valve implantation for right ventricular outflow tract dysfunction on exercise recovery kinetics. <i>International Journal of Cardiology</i> , 2014, 177, 276-280. | 1.7 | 20 |
| 23 | Age-Dependent Reference Values for hs-Troponin T and NT-proBNP and Determining Factors in a Cohort of Healthy Children (The LIFE Child Study). <i>Pediatric Cardiology</i> , 2022, 43, 1071-1083. | 1.3 | 20 |
| 24 | Systemic right ventricles rarely show myocardial scars in cardiac magnetic resonance delayed-enhancement imaging. <i>Clinical Research in Cardiology</i> , 2013, 102, 337-344. | 3.3 | 18 |
| 25 | Effectiveness of Simulator-Based Echocardiography Training of Noncardiologists in Congenital Heart Diseases. <i>Echocardiography</i> , 2013, 30, 693-698. | 0.9 | 18 |
| 26 | 3D-assessment of RVOT dimensions prior percutaneous pulmonary valve implantation: comparison of contrast-enhanced magnetic resonance angiography versus 3D steady-state free precession sequence. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1453-1463. | 1.5 | 18 |
| 27 | Catheter interventional treatment of Sano shunt obstruction in patients following modified Norwood palliation for hypoplastic left heart syndrome. <i>Clinical Research in Cardiology</i> , 2007, 96, 719-722. | 3.3 | 17 |
| 28 | 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 |
| 29 | Epigallocatechin Gallate Reduces Ischemia/Reperfusion Injury in Isolated Perfused Rabbit Hearts. <i>International Journal of Molecular Sciences</i> , 2018, 19, 628. | 4.1 | 16 |
| 30 | Interventional closure of atrial septal defects with the Solysafe Septal Occluder – Preliminary results in children. <i>International Journal of Cardiology</i> , 2010, 143, 373-377. | 1.7 | 15 |
| 31 | On the Role of the Gap Junction Protein Cx43 (GJA1) in Human Cardiac Malformations with Fallot-Pathology. A Study on Paediatric Cardiac Specimen. <i>PLoS ONE</i> , 2014, 9, e95344. | 2.5 | 15 |
| 32 | Accuracy of the Apple Watch single-lead ECG recordings in pre-term neonates. <i>Cardiology in the Young</i> , 2022, 32, 1633-1637. | 0.8 | 15 |
| 33 | Hippocampal Neuroprotection by Minocycline and Epigallo-Catechin-Gallate Against Cardiopulmonary Bypass-Associated Injury. <i>Brain Pathology</i> , 2015, 25, 733-742. | 4.1 | 14 |
| 34 | Improved quality of life after treatment of prolonged asystole during breath holding spells with a cardiac pacemaker. <i>Annals of Pediatric Cardiology</i> , 2015, 8, 113. | 0.5 | 14 |
| 35 | Feasibility, safety and diagnostic impact of endomyocardial biopsies for the diagnosis of myocardial disease in children and adolescents. <i>EuroIntervention</i> , 2018, 14, 1089-1095. | 3.2 | 14 |
| 36 | Wire fractures in Solysafe® septal occluders: A single center experience. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 79, 1161-1168. | 1.7 | 13 |

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|----|---|-----|-----------|
| 37 | Frequency and clinical course of cerebral embolism in patients undergoing transcatheter left atrial appendage closure. <i>EuroIntervention</i> , 2017, 13, 124-130. | 3.2 | 13 |
| 38 | Right ventricular hypertrophy after atrial switch operation: normal adaptation process or risk factor? A cardiac magnetic resonance study. <i>Clinical Research in Cardiology</i> , 2012, 101, 963-971. | 3.3 | 12 |
| 39 | Percutaneous pulmonary and tricuspid valve implantations: An update. <i>World Journal of Cardiology</i> , 2015, 7, 167. | 1.5 | 12 |
| 40 | Diagnostic Catheterization and Balloon Sizing of Atrial Septal Defects by Echocardiography Guidance Without Fluoroscopy. <i>Echocardiography</i> , 2000, 17, 159-163. | 0.9 | 11 |
| 41 | Comparison of two accelerated 4D-flow sequences for aortic flow quantification. <i>Scientific Reports</i> , 2019, 9, 8643. | 3.3 | 11 |
| 42 | Biventricular Physiology of Iatrogenic Atrial Septal Defects Following Transcatheter Mitral Valve Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 54-66. | 2.9 | 11 |
| 43 | Dimensions of the ascending aorta in children and adolescents with repaired Tetralogy of Fallot obtained by cardiac magnetic resonance angiography. <i>Clinical Research in Cardiology</i> , 2016, 105, 239-247. | 3.3 | 10 |
| 44 | Symptomatic myocardial bridging: a frequently occurring coronary variation can cause severe myocardial ischaemia in affected children with underlying cardiac conditions. <i>Cardiology in the Young</i> , 2018, 28, 826-831. | 0.8 | 10 |
| 45 | 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 |
| 46 | Iatrogenic Atrial Septal Defects Following Transcatheter Mitral Valve Repair and Implications of Interventional Closure. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2685-2694. | 2.9 | 10 |
| 47 | Giant Cell Myocarditis Mimicking Idiopathic Fascicular Ventricular Tachycardia. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 238-241. | 0.6 | 8 |
| 48 | Anti-oxidative or anti-inflammatory additives reduce ischemia/reperfusion injury in an animal model of cardiopulmonary bypass. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 18-29. | 3.8 | 8 |
| 49 | Medical treatment of pulmonary hypertension in adults with congenital heart disease: updated and extended results from the International COMPERA-CHD Registry. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 1255-1268. | 1.7 | 8 |
| 50 | Comparison of sodium nitroprusside versus esmolol for the treatment of hypertension following repair of coarctation of the aorta. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2003, 2, 111-115. | 1.1 | 7 |
| 51 | Hypoplastic left heart syndrome with intact atrial septum. <i>Clinical Research in Cardiology</i> , 2006, 95, 110-114. | 3.3 | 7 |
| 52 | Transient sirolimus serum levels after implantation of a sirolimus eluting stent in an infant. <i>Clinical Research in Cardiology</i> , 2007, 96, 508-510. | 3.3 | 7 |
| 53 | Delayed enhancement imaging in a contemporary patient cohort following correction of tetralogy of Fallot. <i>Cardiology in the Young</i> , 2015, 25, 1268-1275. | 0.8 | 7 |
| 54 | Fatal Erosion Atrial Septal Defect Device. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 951-954. | 1.7 | 7 |

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|----|--|-----|-----------|
| 55 | Pressure-volume loop-guided closure of an iatrogenic atrial septal defect for right heart failure following MitraClip-implantation. <i>European Heart Journal</i> , 2016, 37, 3153-3153. | 2.2 | 7 |
| 56 | Bloodless priming of the cardiopulmonary bypass circuit: determinants of successful transfusion-free operation in neonates and infants with a maximum body weight of 7 kg. <i>Cardiology in the Young</i> , 2018, 28, 1141-1147. | 0.8 | 7 |
| 57 | Effects of Hypoxia and Acidosis on Cardiac Electrophysiology and Hemodynamics. Is NHE-Inhibition by Cariporide Still Advantageous?. <i>Frontiers in Physiology</i> , 2020, 11, 224. | 2.8 | 7 |
| 58 | 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 |
| 59 | Effect of Angiotensin(1-7) on Heart Function in an Experimental Rat Model of Obesity. <i>Frontiers in Physiology</i> , 2015, 6, 392. | 2.8 | 6 |
| 60 | Qualification, knowledge, tasks and responsibilities of the clinical perfusionist in Germany. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 661-665. | 1.1 | 6 |
| 61 | 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> , 2022, 34, 297-306. | 1.1 | 6 |
| 62 | Stent implantation of left main coronary artery stenosis in an infant: Effective long-term treatment?. <i>Annals of Pediatric Cardiology</i> , 2015, 8, 147. | 0.5 | 6 |
| 63 | Use of the Apple Watch iECG in adult congenital heart disease patients. <i>Indian Pacing and Electrophysiology Journal</i> , 2022, 22, 131-136. | 0.6 | 6 |
| 64 | Covered Stent Treatment of Right Pulmonary Artery Stenosis and Waterston Shunt. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1754-1755. | 1.3 | 5 |
| 65 | On the different roles of AT1 and AT2 receptors in stretch-induced changes of connexin43 expression and localisation. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 464, 535-547. | 2.8 | 5 |
| 66 | Secundum Atrial Septal Defect With Interrupted Inferior Vena Cava and Azygos Continuation: Transfemoral Closure in a 3-Year Old Boy. <i>Pediatric Cardiology</i> , 2013, 34, 459-461. | 1.3 | 5 |
| 67 | Balloon valvuloplasty as a treatment of congenital aortic stenosis in children and adolescents. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2014, 142, 17-22. | 0.2 | 5 |
| 68 | Cross-sectional Areas of the Thoracic Aorta in Children and Adolescents With Repaired Tetralogy of Fallot Obtained by Cardiac Magnetic Resonance Angiography. <i>Journal of Thoracic Imaging</i> , 2018, 33, 105-111. | 1.5 | 5 |
| 69 | Performance of pacemaker leads in alternative lead positions after tricuspid valve replacement. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 1382-1389. | 1.2 | 5 |
| 70 | Anomalous Origin of the Left Coronary Artery From the Right Pulmonary Artery: An Extremely Rare Cardiac Malformation. <i>Annals of Thoracic Surgery</i> , 2013, 96, e21. | 1.3 | 4 |
| 71 | Renal sympathetic denervation in resistant hypertension late after surgical repair for aortic coarctation. <i>European Heart Journal</i> , 2013, 34, 3500-3500. | 2.2 | 4 |
| 72 | First case of blood-culture proven <i>Staphylococcus aureus</i> endocarditis of a Sapien® XT valve after percutaneous pulmonary valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, ezv332. | 1.4 | 4 |

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|----|--|-----|-----------|
| 73 | Quality of life and psychological co-morbidities in children and adolescents with cardiac pacemakers and implanted defibrillators: a cohort study in Eastern Germany. <i>Cardiology in the Young</i> , 2020, 30, 549-559. | 0.8 | 4 |
| 74 | Anomalous drainage of the inferior caval vein to the left atrium. <i>Cardiology in the Young</i> , 2005, 15, 85-87. | 0.8 | 3 |
| 75 | Interruption of the Ascending Aorta: A Hitherto Undescribed Lesion. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1451-1453. | 1.3 | 3 |
| 76 | A Low-Cost Simulation Model for R-Wave Synchronized Atrial Pacing in Pediatric Patients with Postoperative Junctional Ectopic Tachycardia. <i>PLoS ONE</i> , 2016, 11, e0150704. | 2.5 | 3 |
| 77 | Does obesity have an effect on the ECG in children?. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020, 33, 585-589. | 0.9 | 3 |
| 78 | First Successful Repair of an Aortico-to-right Ventricular Tunnel (ARVT) in d-Transposition of the Great Arteries with Aortic Valve Atresia and Ventricular Septal Defect. <i>Pediatric Cardiology</i> , 2015, 36, 880-883. | 1.3 | 2 |
| 79 | Dual device closure of a bilobar left atrial appendage with a plug (Watchman 2.5, 30Åmm) and a pacifier (Amulet, 20Åmm) device. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 81-83. | 1.0 | 2 |
| 80 | Evaluation of Clinical Course and Maintenance Drug Treatment of Supraventricular Tachycardia in Children During the First Years of Life. A Cohort Study from Eastern Germany. <i>Pediatric Cardiology</i> , 2021, , 1. | 1.3 | 2 |
| 81 | Different habitus but similar electrocardiogram: Cardiac repolarization parameters in children – Comparison of elite athletes to obese children. <i>Annals of Pediatric Cardiology</i> , 2019, 12, 201. | 0.5 | 2 |
| 82 | Retrospective study of complete atrioventricular canal defects: Anesthetic and perioperative challenges. <i>Annals of Cardiac Anaesthesia</i> , 2018, 21, 15-21. | 0.6 | 2 |
| 83 | Open field stress testing: finally an optimal method in young children? Reference values for mobile cardiopulmonary exercise testing in healthy children aged 4–8 years. <i>Cardiology in the Young</i> , 2022, 32, 1598-1602. | 0.8 | 2 |
| 84 | Combined catheter-directed thrombectomy and fibrinolysis: early clinical experience. <i>European Heart Journal: Acute Cardiovascular Care</i> , 0, , . | 1.0 | 2 |
| 85 | Late diagnosis of a congenital apical ventricular septal defect with complete closure by right ventricular trabeculations. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 230-230. | 1.2 | 1 |
| 86 | Prosthetic Pulmonary Valve Stenosis: A Different Way to Solve the Problem. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1103-1105. | 1.3 | 1 |
| 87 | Renal sympathetic denervation in uncontrolled arterial hypertension after successful repair for aortic coarctation. <i>International Journal of Cardiology</i> , 2016, 202, 322-327. | 1.7 | 1 |
| 88 | A case report: Amplatzer occluder device closure of an iatrogenic ventricular septal defect following radiofrequency ablation. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab094. | 0.6 | 1 |
| 89 | The association of bicuspid aortic valve on long-term outcome following one-stage repair of aortic arch obstruction associated with ventricular septal defect. <i>Cardiology in the Young</i> , 2023, 33, 227-234. | 0.8 | 1 |
| 90 | Late-diastolic forward flow in the aorta induced by left atrial contraction. <i>Journal of the American Society of Echocardiography</i> , 2000, 13, 866-868. | 2.8 | 0 |

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|----|--|-----|-----------|
| 91 | The Pediatric Cardiologist's View. Thoracic and Cardiovascular Surgeon, 2017, 65, S150-S151. | 1.0 | 0 |
| 92 | Physiologic effects and functional outcome after treatment of dysfunctional right ventricular outflow tract in congenital heart disease using a two-stage intervention. International Journal of Cardiology, 2020, 321, 69-74. | 1.7 | 0 |
| 93 | Interventional Treatment of Incomplete Seal After Transcatheter or Surgical Left Atrial Appendage Closure. JACC: Cardiovascular Interventions, 2020, 13, 399-400. | 2.9 | 0 |
| 94 | Percutaneous Left Atrial Appendage Exclusion Therapy: Who, Why and How?. Journal of Atrial Fibrillation, 2009, 2, 178. | 0.5 | 0 |