

Jan MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,022
citations

257450

24
h-index

276875

41
g-index

87
all docs

87
docs citations

87
times ranked

1982
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictors of morbidity and mortality in contemporary Fontan patients: results from a multicenter study including cardiopulmonary exercise testing in 321 patients. <i>European Heart Journal</i> , 2010, 31, 3073-3083.	2.2	282
2	Exercise capacity, quality of life, and daily activity in the long-term follow-up of patients with univentricular heart and total cavopulmonary connection. <i>European Heart Journal</i> , 2009, 30, 2915-2920.	2.2	125
3	Ventilatory Efficiency and Aerobic Capacity Predict Event-Free Survival in Adults With Atrial Repair for Complete Transposition of the Great Arteries. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1548-1555.	2.8	120
4	Peak oxygen uptake, ventilatory efficiency and QRS-duration predict event free survival in patients late after surgical repair of tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2015, 196, 158-164.	1.7	81
5	Recommendations for participation in competitive sport in adolescent and adult athletes with Congenital Heart Disease (CHD): position statement of the Sports Cardiology & Exercise Section of the European Association of Preventive Cardiology (EAPC), the European Society of Cardiology (ESC) Working Group on Adult Congenital Heart Disease and the Sports Cardiology, Physical Activity and Prevention Working Group of the Association for European Paediatric and Congenital Cardiology (AEPC). <i>European Heart Journal</i> , 2020, 41, 4191-4199.	2.2	75
6	Daily physical activity in adults with congenital heart disease is positively correlated with exercise capacity but not with quality of life. <i>Clinical Research in Cardiology</i> , 2012, 101, 55-61.	3.3	69
7	Minor symptoms of depression in patients with congenital heart disease have a larger impact on quality of life than limited exercise capacity. <i>International Journal of Cardiology</i> , 2012, 154, 265-269.	1.7	67
8	Sense of coherence, rather than exercise capacity, is the stronger predictor to obtain health-related quality of life in adults with congenital heart disease. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 949-955.	1.8	53
9	Exercise performance and quality of life is more impaired in Eisenmenger syndrome than in complex cyanotic congenital heart disease with pulmonary stenosis. <i>International Journal of Cardiology</i> , 2011, 150, 177-181.	1.7	46
10	General anxiety of adolescents and adults with congenital heart disease is comparable with that in healthy controls. <i>International Journal of Cardiology</i> , 2013, 165, 142-145.	1.7	44
11	Current state of home-based exercise interventions in patients with congenital heart disease: a systematic review. <i>Heart</i> , 2020, 106, 333-341.	2.9	39
12	Cardiorespiratory fitness, physical activity and cancer mortality in men. <i>Preventive Medicine</i> , 2017, 100, 89-94.	3.4	37
13	Subclinical Cardiac Dysfunction in Childhood Cancer Survivors on 10-Years Follow-Up Correlates With Cumulative Anthracycline Dose and Is Best Detected by Cardiopulmonary Exercise Testing, Circulating Serum Biomarker, Speckle Tracking Echocardiography, and Tissue Doppler Imaging. <i>Frontiers in Pediatrics</i> , 2020, 8, 123.	1.9	37
14	Quality of life in young people with congenital heart disease is better than expected. <i>Archives of Disease in Childhood</i> , 2019, 104, 124-128.	1.9	34
15	A restrictive ventilatory pattern is common in patients with univentricular heart after Fontan palliation and associated with a reduced exercise capacity and quality of life. <i>Congenital Heart Disease</i> , 2019, 14, 147-155.	0.2	33
16	Physical activity in adults with congenital heart disease and associations with functional outcomes. <i>Heart</i> , 2017, 103, 1117-1121.	2.9	32
17	Currently, children with congenital heart disease are not limited in their submaximal exercise performance. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1096-1100.	1.4	31
18	Improved exercise performance and quality of life after percutaneous pulmonary valve implantation. <i>International Journal of Cardiology</i> , 2014, 173, 388-392.	1.7	31

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19	Functional outcome in contemporary children with total cavopulmonary connection – Health-related physical fitness, exercise capacity and health-related quality of life. <i>International Journal of Cardiology</i> , 2018, 255, 50-54.	1.7	30
20	Feasibility of Physical Activity Assessment with Wearable Devices in Children Aged 4–10 Years – A Pilot Study. <i>Frontiers in Pediatrics</i> , 2018, 6, 5.	1.9	30
21	Tricuspid valve surgery improves cardiac output and exercise performance in patients with Ebstein's anomaly. <i>International Journal of Cardiology</i> , 2013, 166, 494-498.	1.7	28
22	Cardiorespiratory fitness and cancer incidence in men. <i>Annals of Epidemiology</i> , 2017, 27, 442-447.	1.9	27
23	Association Between Exercise Capacity and Late Onset of Dementia, Alzheimer Disease, and Cognitive Impairment. <i>Mayo Clinic Proceedings</i> , 2017, 92, 211-217.	3.0	26
24	Children with Congenital Heart Disease Are Active but Need to Keep Moving: A Cross-Sectional Study Using Wrist-Worn Physical Activity Trackers. <i>Journal of Pediatrics</i> , 2020, 217, 13-19.	1.8	26
25	Health-related quality of life in children and adolescents: Current normative data, determinants and reliability on proxy-report. <i>Journal of Paediatrics and Child Health</i> , 2016, 52, 628-631.	0.8	25
26	Persistent superior exercise performance and quality of life long-term after arterial switch operation compared to that after atrial redirection. <i>International Journal of Cardiology</i> , 2013, 166, 381-384.	1.7	24
27	Functional outcome in contemporary children and young adults with tetralogy of Fallot after repair. <i>Archives of Disease in Childhood</i> , 2019, 104, 129-133.	1.9	24
28	Increased arterial stiffness in children with congenital heart disease. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 103-109.	1.8	23
29	Increased aortic blood pressure augmentation in patients with congenital heart defects – A cross-sectional study in 1125 patients and 322 controls. <i>International Journal of Cardiology</i> , 2015, 184, 225-229.	1.7	22
30	Improvements in exercise performance after surgery for Ebstein anomaly. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 1192-1195.	0.8	21
31	Inspiratory muscle training did not improve exercise capacity and lung function in adult patients with Fontan circulation: A randomized controlled trial. <i>International Journal of Cardiology</i> , 2020, 305, 50-55.	1.7	21
32	Only slow decline in exercise capacity in the natural history of patients with congenital heart disease: A longitudinal study in 522 patients. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 113-118.	1.8	20
33	Number of thoracotomies predicts impairment in lung function and exercise capacity in patients with congenital heart disease. <i>Journal of Cardiology</i> , 2018, 71, 88-92.	1.9	19
34	Motor training of sixty minutes once per week improves motor ability in children with congenital heart disease and retarded motor development: a pilot study. <i>Cardiology in the Young</i> , 2013, 23, 717-721.	0.8	18
35	Acute Effects of Submaximal Endurance Training on Arterial Stiffness in Healthy Middle- and Long-Distance Runners. <i>Journal of Clinical Hypertension</i> , 2015, 17, 371-374.	2.0	18
36	Overweight and Obesity in Patients with Congenital Heart Disease: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9931.	2.6	18

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37	Oscillometric Carotid to Femoral Pulse Wave Velocity Estimated With the Vicorder Device. <i>Journal of Clinical Hypertension</i> , 2013, 15, 176-179.	2.0	17
38	Predictors of sildenafil effects on exercise capacity in adolescents and adults with Fontan circulation. <i>Clinical Research in Cardiology</i> , 2014, 103, 641-646.	3.3	17
39	Exercise performance in Ebstein's anomaly in the course of time – Deterioration in native patients and preserved function after tricuspid valve surgery. <i>International Journal of Cardiology</i> , 2016, 218, 79-82.	1.7	17
40	Reduced health-related quality of life in older patients with congenital heart disease: A cross sectional study in 2360 patients. <i>International Journal of Cardiology</i> , 2014, 175, 358-362.	1.7	16
41	Noninvasive Screening for Pulmonary Hypertension by Exercise Testing in Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1544-1549.	1.3	16
42	Carotid Intima-Media Thickness in Children and Adolescents With Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1618-1623.	1.7	15
43	Better lung function with increased handgrip strength, as well as maximum oxygen uptake, in congenital heart disease across the lifespan. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 492-501.	1.8	15
44	Association between physical fitness, cardiovascular risk factors, and Parkinson's disease. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1409-1415.	1.8	14
45	Body Weight and Not Exercise Capacity Determines Central Systolic Blood Pressure, a Surrogate for Arterial Stiffness, in Children and Adolescents. <i>Journal of Clinical Hypertension</i> , 2016, 18, 762-765.	2.0	13
46	Recovery of the cardiac autonomic nervous and vascular system after maximal cardiopulmonary exercise testing in recreational athletes. <i>European Journal of Applied Physiology</i> , 2018, 118, 205-211.	2.5	13
47	E-Health Exercise Intervention for Pediatric Patients with Congenital Heart Disease: A Randomized Controlled Trial. <i>Journal of Pediatrics</i> , 2021, 233, 163-168.	1.8	13
48	Controversies in the association of cardiorespiratory fitness and arterial stiffness in children and adolescents. <i>Hypertension Research</i> , 2017, 40, 675-678.	2.7	12
49	The value of hand grip strength (HGS) as a diagnostic and prognostic biomarker in congenital heart disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S187-S197.	1.7	12
50	Move more – be happier? physical activity and health-related quality of life in children with congenital heart disease. <i>American Heart Journal</i> , 2021, 241, 68-73.	2.7	12
51	Risk factors associated with posttraumatic stress disorder in US veterans: A cohort study. <i>PLoS ONE</i> , 2017, 12, e0181647.	2.5	12
52	Physical Exercise Reduces Aortic Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 314-315.	5.3	11
53	Changes of intima-media thickness in marathon runners: A mid-term follow-up. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1336-1342.	1.8	11
54	Age-related cardiovascular risk in adult patients with congenital heart disease. <i>International Journal of Cardiology</i> , 2019, 277, 90-96.	1.7	11

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55	Effects of Congenital Heart Disease Treatment on Quality of Life. <i>American Journal of Cardiology</i> , 2019, 123, 1163-1168.	1.6	10
56	Importance of Non-invasive Right and Left Ventricular Variables on Exercise Capacity in Patients with Tetralogy of Fallot Hemodynamics. <i>Pediatric Cardiology</i> , 2017, 38, 1569-1574.	1.3	9
57	Remote Ischemic Preconditioning Has No Short Term Effect on Blood Pressure, Heart Rate, and Arterial Stiffness in Healthy Young Adults. <i>Frontiers in Physiology</i> , 2019, 10, 1094.	2.8	8
58	Implementation of an open adoption research data management system for clinical studies. <i>BMC Research Notes</i> , 2017, 10, 252.	1.4	7
59	Is Carotid Intima-Media Thickness Increased in Adults With Congenital Heart Disease?. <i>Journal of the American Heart Association</i> , 2020, 9, e013536.	3.7	7
60	Health-Related Physical Fitness and Arterial Stiffness in Childhood Cancer Survivors. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 63.	2.4	6
61	Reduced Handgrip Strength in Congenital Heart Disease With Regard to the Shunt Procedure in Infancy. <i>Frontiers in Pediatrics</i> , 2018, 6, 247.	1.9	5
62	Metabolic syndrome in adults with congenital heart disease and increased intima-media thickness. <i>Congenital Heart Disease</i> , 2019, 14, 945-951.	0.2	5
63	Non-invasive Hemodynamic CMR Parameters Predicting Maximal Exercise Capacity in 54 Patients with Ebstein's Anomaly. <i>Pediatric Cardiology</i> , 2019, 40, 792-798.	1.3	5
64	Inspiratory muscle training did not improve exercise capacity and lung function in adult patients with Fontan circulation: A randomized controlled trial. <i>International Journal of Cardiology</i> , 2020, 319, 69-70.	1.7	5
65	Objective Physical Activity Assessment in Clinical Congenital Heart Disease Research: A Systematic Review on Study Quality, Methodology, and Outcomes. <i>Cardiology</i> , 2021, 146, 1-13.	1.4	5
66	Prognostic value of non-acute high sensitive troponin-T for cardiovascular morbidity and mortality in adults with congenital heart disease: A systematic review. <i>Journal of Cardiology</i> , 2021, 78, 206-212.	1.9	5
67	Functional outcomes in children with anatomically repaired transposition of the great arteries with regard to congenital ventricular septal defect and coronary pattern. <i>Archives of Disease in Childhood</i> , 2019, 104, 851-856.	1.9	4
68	Health-Related Physical Fitness and Quality of Life in Children and Adolescents With Isolated Left-to-Right Shunt. <i>Frontiers in Pediatrics</i> , 2019, 7, 488.	1.9	4
69	Reduced Parasympathetic Activity in Patients With Different Types of Congenital Heart Disease and Associations to Exercise Capacity. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2021, 41, 35-39.	2.1	4
70	Diminished Endothelial Function but Normal Vascular Structure in Adults with Tetralogy of Fallot. <i>Journal of Clinical Medicine</i> , 2022, 11, 493.	2.4	4
71	Web-Based Motor Intervention to Increase Health-Related Physical Fitness in Children With Congenital Heart Disease: A Study Protocol. <i>Frontiers in Pediatrics</i> , 2018, 6, 224.	1.9	3
72	Impaired grip strength in children with congenital heart disease. <i>Archives of Disease in Childhood</i> , 2022, 107, 47-51.	1.9	3

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73	Association between Objectively Measured Physical Activity and Arterial Stiffness in Children with Congenital Heart Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 3266.	2.4	3
74	Adults with Congenital Heart Disease Move Well but Lack Intensity: A Cross-Sectional Study Using Wrist-Worn Physical Activity Trackers. <i>Cardiology</i> , 2022, 147, 72-80.	1.4	3
75	Reduction of exercise capacity in children from summer to winter is associated with lower sporting activity: a serial study. <i>Pediatric Research</i> , 2013, 74, 439-442.	2.3	2
76	Effect of Beta-Blocker Use on Exercise Heart Rate Gradient and Reclassification of Mortality Risk in Patients Referred for Exercise Testing. <i>American Journal of Cardiology</i> , 2020, 130, 152-156.	1.6	2
77	Postexercise changes in peripheral and central blood pressure during a 24-hour ambulatory blood pressure monitoring in healthy young men. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 1593-1598.	0.7	2
78	Cardiovascular Function and Exercise Capacity in Childhood Cancer Survivors. <i>Journal of Clinical Medicine</i> , 2022, 11, 628.	2.4	2
79	Sedentary Behavior in Childhood, Lower Arterial Compliance and Decreased Endothelial Function-Cross Sectional Data From a German School Cohort. <i>Frontiers in Pediatrics</i> , 2021, 9, 787550.	1.9	2
80	Aortic Root Dimensions and Pulse Wave Velocity in Young Competitive Athletes. <i>Journal of Clinical Medicine</i> , 2021, 10, 5922.	2.4	2
81	Cardiac and Exercise Physiology in Adolescence. <i>Congenital Heart Disease in Adolescents and Adults</i> , 2016, , 43-57.	0.2	1
82	The cardiovascular burden of congenital heart disease - not only in times of COVID-19. <i>International Journal of Cardiology</i> , 2020, 316, 106.	1.7	1
83	Anxiety and depression scales of patients with congenital heart disease: Caution on 40 healthy controls as the reference population (reply). <i>International Journal of Cardiology</i> , 2013, 168, 4493.	1.7	0
84	Letter in response to: Elastin fracture and enhanced aortic pressure wave reflection in adult patients with congenital heart disease. <i>International Journal of Cardiology</i> , 2015, 197, 348.	1.7	0
85	Importance of hemodynamic RV and LV parameters and CPET-results in patients with Tetralogy of Fallot. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, Q77.	3.3	0
86	Juvenile competitive triathlete after cardiotoxic anthracycline therapy for Acute Myeloid Leukemia. <i>Cardio-Oncology</i> , 2016, 2, 8.	1.7	0
87	Increased carotid intima-media thickness and reduced health-related physical fitness in children and adolescents with coarctation of the aorta. <i>International Journal of Cardiology Congenital Heart Disease</i> , 2022, , 100390.	0.4	0