

# Renate Oberhoffer

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

2,266  
citations

257101

24  
h-index

276539

41  
g-index

121  
all docs

121  
docs citations

121  
times ranked

2598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial Blood Flow and Flow Reserve After Coronary Reimplantation in Patients After Arterial Switch and Ross Operation. <i>Circulation</i> , 2001, 103, 1875-1880.	1.6	153
2	Intima media thickness measurement in children: A statement from the Association for European Paediatric Cardiology (AEPIC) Working Group on Cardiovascular Prevention endorsed by the Association for European Paediatric Cardiology. <i>Atherosclerosis</i> , 2015, 238, 380-387.	0.4	142
3	Percentiles for central blood pressure and pulse wave velocity in children and adolescents recorded with an oscillometric device. <i>Atherosclerosis</i> , 2015, 238, 9-16.	0.4	125
4	Pathologic spectrum of malformations of the tricuspid valve in prenatal and neonatal life. <i>Journal of the American College of Cardiology</i> , 1991, 17, 1161-1167.	1.2	84
5	Effects of Mobile Health Including Wearable Activity Trackers to Increase Physical Activity Outcomes Among Healthy Children and Adolescents: Systematic Review. <i>JMIR MHealth and UHealth</i> , 2019, 7, e8298.	1.8	83
6	Recommendations for the practice of fetal cardiology in Europe. <i>Cardiology in the Young</i> , 2004, 14, 109-114.	0.4	77
7	Sex differences of carotid intima-media thickness in healthy children and adolescents. <i>Atherosclerosis</i> , 2009, 206, 458-463.	0.4	75
8	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 (AEPIC). <i>European Heart Journal</i> , 2020, 41, 4191-4199.	1.0	75
9	Hypoplastic Left Heart Syndrome With Intact or Restrictive Atrial Septum. <i>Circulation</i> , 2017, 136, 1346-1349.	1.6	58
10	Recommendations for Promoting Physical Activity for Children and Adolescents in Germany. A Consensus Statement. <i>Obesity Facts</i> , 2014, 7, 178-190.	1.6	45
11	Non-cardiac comorbidities in adults with inherited and congenital heart disease: report from a single center experience of more than 800 consecutive patients. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, 423-431.	0.7	43
12	Current state of home-based exercise interventions in patients with congenital heart disease: a systematic review. <i>Heart</i> , 2020, 106, 333-341.	1.2	39
13	Current research status on the psychological situation of adults with congenital heart disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, 799-804.	0.7	37
14	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.	0.9	37
15	Current research status on the psychological situation of parents of children with congenital heart disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S369-S376.	0.7	34
16	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.	1.0	34
17	Injuries and illnesses in a cohort of elite youth alpine ski racers and the influence of biological maturity and relative age: a two-season prospective study. <i>Open Access Journal of Sports Medicine</i> , 2017, Volume 8, 113-122.	0.6	33
18	Physical activity in adults with congenital heart disease and associations with functional outcomes. <i>Heart</i> , 2017, 103, 1117-1121.	1.2	32

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19	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.	0.6	31
20	INFLAMMATORY AND IMMUNOLOGICAL PARAMETERS IN CHILDREN WITH HAEMOLYTIC UREMIC SYNDROME (HUS) AND GASTROENTERITIS—PATHOPHYSIOLOGICAL AND DIAGNOSTIC CLUES. <i>Cytokine</i> , 2000, 12, 822-827.	1.4	30
21	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.	0.8	30
22	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.	0.9	30
23	Improving medical care and prevention in adults with congenital heart disease—reflections on a global problem—part I: development of congenital cardiology, epidemiology, clinical aspects, heart failure, cardiac arrhythmia. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, 705-715.	0.7	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.	0.9	26
25	Increased intima-media thickness is not associated with stiffer arteries in children. <i>Atherosclerosis</i> , 2015, 242, 48-55.	0.4	25
26	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.	0.4	25
27	Overweight and obesity: an emerging problem in patients with congenital heart disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S360-S368.	0.7	25
28	Cardiovascular pre-participation screening in young athletes: Recommendations of the Association of European Paediatric Cardiology. <i>Cardiology in the Young</i> , 2017, 27, 1655-1660.	0.4	24
29	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.	1.0	24
30	Increased arterial stiffness in children with congenital heart disease. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 103-109.	0.8	23
31	Lessons from exome sequencing in prenatally diagnosed heart defects: A basis for prenatal testing. <i>Clinical Genetics</i> , 2019, 95, 582-589.	1.0	23
32	Vascular Structure and Function in Children and Adolescents: What Impact Do Physical Activity, Health-Related Physical Fitness, and Exercise Have?. <i>Frontiers in Pediatrics</i> , 2020, 8, 103.	0.9	23
33	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.	0.8	21
34	Assessment of the Psychological Situation in Adults with Congenital Heart Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 779.	1.0	19
35	Characterization of the Cytokine Immune Response in Children Who Have Experienced an Episode of Typical Hemolytic-Uremic Syndrome. <i>Vaccine Journal</i> , 2003, 10, 1090-1095.	3.2	18
36	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.	0.4	18

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37	Acute Effects of Submaximal Endurance Training on Arterial Stiffness in Healthy Middle-aged and Long-distance Runners. <i>Journal of Clinical Hypertension</i> , 2015, 17, 371-374.	1.0	18
38	Facts about the General Medical Care of Adults with Congenital Heart Defects: Experience of a Tertiary Care Center. <i>Journal of Clinical Medicine</i> , 2020, 9, 1943.	1.0	18
39	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.	1.2	18
40	Gene expression profiling in human whole blood samples after controlled testosterone application and exercise. <i>Drug Testing and Analysis</i> , 2011, 3, 652-660.	1.6	17
41	Oscillometric Carotid to Femoral Pulse Wave Velocity Estimated With the Vicorder Device. <i>Journal of Clinical Hypertension</i> , 2013, 15, 176-179.	1.0	17
42	The Munich Triathlon Heart Study: Ventricular Function, Myocardial Velocities, and Two-Dimensional Strain in Healthy Children Before and After Endurance Stress. <i>Pediatric Cardiology</i> , 2013, 34, 576-582.	0.6	16
43	Intima-media thickness and arterial function in obese and non-obese children. <i>BMC Obesity</i> , 2015, 3, 2.	3.1	16
44	Fetal cardiac time intervals in healthy pregnancies – an observational study by fetal ECG (Monica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	16
45	Effects of a lifestyle intervention in routine care on prenatal physical activity – findings from the cluster-randomised GeliS trial. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 414.	0.9	16
46	Dental prevention and disease awareness in children with congenital heart disease. <i>Clinical Oral Investigations</i> , 2018, 22, 1487-1493.	1.4	15
47	Carotid Intima-media Thickness in Children and Adolescents With Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1618-1623.	0.8	15
48	Beyond intima-media-thickness: Analysis of the carotid intima-media-roughness in a paediatric population. <i>Atherosclerosis</i> , 2016, 251, 164-169.	0.4	14
49	Reduced arterial stiffness in very fit boys and girls. <i>Cardiology in the Young</i> , 2017, 27, 117-124.	0.4	14
50	Improving medical care and prevention in adults with congenital heart disease – reflections on a global problem – part II: infective endocarditis, pulmonary hypertension, pulmonary arterial hypertension and aortopathy. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, 716-724.	0.7	14
51	Systematic assessment of health care perception in adults with congenital heart disease in Germany. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 481-491.	0.7	14
52	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.	1.0	13
53	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.	1.2	13
54	Influence of Vigorous Physical Activity on Structure and Function of the Cardiovascular System in Young Athletes – The MuCAYA-Study. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 148.	1.1	13

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55	E-Health Exercise Intervention for Pediatric Patients with Congenital Heart Disease: A Randomized Controlled Trial. <i>Journal of Pediatrics</i> , 2021, 233, 163-168.	0.9	13
56	Controversies in the association of cardiorespiratory fitness and arterial stiffness in children and adolescents. <i>Hypertension Research</i> , 2017, 40, 675-678.	1.5	12
57	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.	0.7	12
58	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.	1.2	12
59	Age-related cardiovascular risk in adult patients with congenital heart disease. <i>International Journal of Cardiology</i> , 2019, 277, 90-96.	0.8	11
60	Objective Assessment of Counselling for Fetal Heart Defects: An Interdisciplinary Multicenter Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 467.	1.0	11
61	Role of placental growth hormone in the alteration of maternal arterial resistance in pregnancy. <i>Journal of reproductive medicine, The</i> , 2007, 52, 313-6.	0.2	11
62	Cardiovascular Risk Factors in Childhood and Adolescence. <i>Journal of Clinical Medicine</i> , 2022, 11, 1136.	1.0	11
63	Relationship of post-exercise muscle oxygenation and duration of cycling exercise. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2016, 8, 9.	0.7	10
64	Short-Term Consequences of Pediatric Anti-cancer Treatment Regarding Blood Pressure, Motor Performance, Physical Activity and Reintegration Into Sports Structures. <i>Frontiers in Pediatrics</i> , 2020, 8, 463.	0.9	10
65	Parents' Perspectives on Counseling for Fetal Heart Disease: What Matters Most?. <i>Journal of Clinical Medicine</i> , 2022, 11, 278.	1.0	10
66	Can School-Based Physical Activity Projects Such as Skipping Hearts Have a Long-Term Impact on Health and Health Behavior?. <i>Frontiers in Public Health</i> , 2020, 8, 352.	1.3	9
67	The Assessment of the Paediatric Athlete. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 306-312.	1.1	9
68	Training load characteristics and injury and illness risk identification in elite youth ski racing: A prospective study. <i>Journal of Sport and Health Science</i> , 2021, 10, 230-236.	3.3	9
69	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.	1.3	8
70	Vascular health determinants in children. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S269-S280.	0.7	8
71	Implementation of an open adoption research data management system for clinical studies. <i>BMC Research Notes</i> , 2017, 10, 252.	0.6	7
72	Is Carotid Intima-Media Thickness Increased in Adults With Congenital Heart Disease?. <i>Journal of the American Heart Association</i> , 2020, 9, e013536.	1.6	7

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73	Breathing training improves exercise capacity in patients with tetralogy of Fallot: a randomised trial. <i>Heart</i> , 2022, 108, 111-116.	1.2	7
74	Health-Related Physical Fitness and Arterial Stiffness in Childhood Cancer Survivors. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 63.	1.1	6
75	Gestational Diabetes: Physical Activity Before Pregnancy and Its Influence on the Cardiovascular System. <i>Frontiers in Pediatrics</i> , 2020, 8, 465.	0.9	6
76	Physical Activity in High-Risk Pregnancies. <i>Journal of Clinical Medicine</i> , 2022, 11, 703.	1.0	6
77	Analysis of self-reported activities of daily living, motor performance and physical activity among children and adolescents with cancer: Baseline data from a randomised controlled trial assessed shortly after diagnosis of leukaemia or non-Hodgkin lymphoma. <i>European Journal of Cancer Care</i> , 2022, 31, e13559.	0.7	6
78	Intima-Media Thickness Does Not Differ between Two Common Carotid Artery Segments in Children. <i>PLoS ONE</i> , 2016, 11, e0149057.	1.1	5
79	Ebstein's Anomaly of the Tricuspid Valve in the Fetus – A Multicenter Experience. <i>Ultraschall in Der Medizin</i> , 2017, 38, 427-436.	0.8	5
80	Reduced Handgrip Strength in Congenital Heart Disease With Regard to the Shunt Procedure in Infancy. <i>Frontiers in Pediatrics</i> , 2018, 6, 247.	0.9	5
81	Metabolic syndrome in adults with congenital heart disease and increased intima-media thickness. <i>Congenital Heart Disease</i> , 2019, 14, 945-951.	0.0	5
82	Awareness of oral health in adults with congenital heart disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S281-S291.	0.7	5
83	The missense variant p.(Gly482Arg) in HCN4 is responsible for fetal tachy-bradycardia syndrome. <i>HeartRhythm Case Reports</i> , 2020, 6, 352-356.	0.2	5
84	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.	0.8	5
85	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.	0.6	5
86	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.	0.8	5
87	Tetralogy of Fallot or Pulmonary Atresia with Ventricular Septal Defect after the Age of 40 Years: A Single Center Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1533.	1.0	5
88	Valorization of Natural Cardio Trekking Trails Through Open Innovation for the Promotion of Sustainable Cross-generational Health-Oriented Tourism in the Connect2Move Project: Protocol for a Cross-sectional Study. <i>JMIR Research Protocols</i> , 2022, 11, e39038.	0.5	5
89	Oral Health in Adults with Congenital Heart Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 1255.	1.0	4
90	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.	1.0	4

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91	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.	0.9	4
92	Performance of computerized cardiotocography-based short-term variation in late-onset small-for-gestational-age fetuses and reference ranges for the late third trimester. <i>Archives of Gynecology and Obstetrics</i> , 2019, 299, 353-360.	0.8	4
93	Retrospective evaluation of the performance of the electrical impedance spectroscopy system Nevisense in detecting keratinocyte cancers. <i>Skin Research and Technology</i> , 2021, 27, 723-729.	0.8	4
94	Exercise Training Duration and Intensity Are Associated With Thicker Carotid Intima-Media Thickness but Improved Arterial Elasticity in Active Children and Adolescents. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 618294.	1.1	4
95	Fetal Cardiac Services during the COVID-19 Pandemic: How Does It Affect Parental Counseling?. <i>Journal of Clinical Medicine</i> , 2021, 10, 3423.	1.0	4
96	Diminished Endothelial Function but Normal Vascular Structure in Adults with Tetralogy of Fallot. <i>Journal of Clinical Medicine</i> , 2022, 11, 493.	1.0	4
97	A Better Cardiopulmonary Fitness Is Associated with Improved Concentration Level and Health-Related Quality of Life in Primary School Children. <i>Journal of Clinical Medicine</i> , 2022, 11, 1326.	1.0	4
98	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.	0.9	3
99	Improved Carotid Elasticity but Altered Central Hemodynamics and Carotid Structure in Young Athletes. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 633873.	0.9	3
100	Impaired grip strength in children with congenital heart disease. <i>Archives of Disease in Childhood</i> , 2022, 107, 47-51.	1.0	3
101	Association between Objectively Measured Physical Activity and Arterial Stiffness in Children with Congenital Heart Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 3266.	1.0	3
102	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.	0.6	3
103	The Impact of Gestational Diabetes in Pregnancy on the Cardiovascular System of Children at One Year of Age. <i>Journal of Clinical Medicine</i> , 2021, 10, 5839.	1.0	3
104	Pulse Wave Velocity for Risk Stratification of Patients with Aortic Aneurysm. <i>Journal of Clinical Medicine</i> , 2022, 11, 4026.	1.0	3
105	Skin Diseases in Elite Athletes. <i>International Journal of Sports Medicine</i> , 2021, , .	0.8	2
106	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.	0.4	2
107	Cardiovascular Function and Exercise Capacity in Childhood Cancer Survivors. <i>Journal of Clinical Medicine</i> , 2022, 11, 628.	1.0	2
108	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.	0.9	2



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109	Aortic Root Dimensions and Pulse Wave Velocity in Young Competitive Athletes. <i>Journal of Clinical Medicine</i> , 2021, 10, 5922.	1.0	2
110	The cardiovascular burden of congenital heart disease - not only in times of COVID-19. <i>International Journal of Cardiology</i> , 2020, 316, 106.	0.8	1
111	Primary Prevention: No Associations of Strength and Cardiorespiratory Fitness Status With Arterial Stiffness in Young School Children. <i>Frontiers in Pediatrics</i> , 2020, 8, 175.	0.9	1
112	A National Comparative Investigation of Twins With Congenital Heart Defects for Neurodevelopmental Outcomes and Quality of Life (Same Same, but Different?): Protocol for a Prospective Observational Study. <i>JMIR Research Protocols</i> , 2021, 10, e26404.	0.5	1
113	It Is Not Carved in Stone—The Need for a Genetic Reevaluation of Variants in Pediatric Cardiomyopathies. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 41.	0.8	1
114	Juvenile competitive triathlete after cardiotoxic anthracycline therapy for Acute Myeloid Leukemia. <i>Cardio-Oncology</i> , 2016, 2, 8.	0.8	0
115	Lessons from the short- and mid-term outcome of medical rehabilitation in adults with congenital heart disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 1416-1431.	0.7	0
116	Do children with congenital heart defects meet the vaccination recommendations? Immunisation in children with congenital heart defects. <i>Cardiology in the Young</i> , 2022, 32, 1143-1148.	0.4	0