

# Arno Schmidt-Trucksäss

## List of Publications by Year in descending order

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218  
papers

5,964  
citations

87843

38  
h-index

110317

64  
g-index

235  
all docs

235  
docs citations

235  
times ranked

8634  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation. <i>Atherosclerosis</i> , 2015, 241, 507-532.	0.4	587
2	Breath Sensors for Health Monitoring. <i>ACS Sensors</i> , 2019, 4, 268-280.	4.0	244
3	Stromelysin-1 and Interleukin-6 Gene Promoter Polymorphisms Are Determinants of Asymptomatic Carotid Artery Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2657-2662.	1.1	202
4	Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology Working Groups on Atherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis. <i>Cardiovascular Research</i> , 2021, 117, 29-42.	1.8	164
5	Using snakes to detect the intimal and adventitial layers of the common carotid artery wall in sonographic images. <i>Computer Methods and Programs in Biomedicine</i> , 2002, 67, 27-37.	2.6	146
6	Structural, Functional, and Hemodynamic Changes of the Common Carotid Artery With Age in Male Subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1091-1097.	1.1	122
7	Size and blood flow of central and peripheral arteries in highly trained able-bodied and disabled athletes. <i>Journal of Applied Physiology</i> , 2003, 95, 685-691.	1.2	112
8	Validity of activity trackers, smartphones, and phone applications to measure steps in various walking conditions. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1818-1827.	1.3	93
9	Accelerometer-Based Quantification of 6-Minute Walk Test Performance in Patients With Chronic Heart Failure: Applicability in Telemedicine. <i>Journal of Cardiac Failure</i> , 2009, 15, 334-340.	0.7	91
10	Aerobic, resistance and combined exercise training on arterial stiffness in normotensive and hypertensive adults: A review. <i>European Journal of Sport Science</i> , 2015, 15, 443-457.	1.4	90
11	Carotid intima-media thickness as a biomarker of subclinical atherosclerosis. <i>Swiss Medical Weekly</i> , 2012, 142, w13705.	0.8	87
12	Exercise-induced alterations of retinal vessel diameters and cardiovascular risk reduction in obesity. <i>Atherosclerosis</i> , 2011, 216, 433-439.	0.4	80
13	The effects of classic altitude training on hemoglobin mass in swimmers. <i>European Journal of Applied Physiology</i> , 2013, 113, 1199-1211.	1.2	78
14	Exposure to Road, Railway, and Aircraft Noise and Arterial Stiffness in the SAPALDIA Study: Annual Average Noise Levels and Temporal Noise Characteristics. <i>Environmental Health Perspectives</i> , 2017, 125, 097004.	2.8	78
15	Obesity, High Blood Pressure, and Physical Activity Determine Vascular Phenotype in Young Children. <i>Hypertension</i> , 2019, 73, 153-161.	1.3	74
16	Daily walking performance as an independent predictor of advanced heart failure. <i>American Heart Journal</i> , 2009, 157, 292-298.	1.2	70
17	Dynamic retinal vessel response to flicker in obesity: A methodological approach. <i>Microvascular Research</i> , 2011, 81, 123-128.	1.1	69
18	Retinal vessel diameter, obesity and metabolic risk factors in school children (JuventUM 3). <i>Atherosclerosis</i> , 2012, 221, 242-248.	0.4	69

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19	PHYSICAL PERFORMANCE AND CARDIOVASCULAR AND METABOLIC ADAPTATION OF ELITE FEMALE WHEELCHAIR BASKETBALL PLAYERS IN WHEELCHAIR ERGOMETRY AND IN COMPETITION <sup>1</sup> . <i>American Journal of Physical Medicine and Rehabilitation</i> , 1998, 77, 527-533.	0.7	56
20	Effectiveness of a Behavior Change Techniqueâ€‘Based Smartphone Game to Improve Intrinsic Motivation and Physical Activity Adherence in Patients With Type 2 Diabetes: Randomized Controlled Trial. <i>JMIR Serious Games</i> , 2019, 7, e11444.	1.7	56
21	Magnetic resonance imaging of myocardial injury and ventricular torsion after marathon running. <i>Clinical Science</i> , 2011, 120, 143-152.	1.8	55
22	Catecholamines Response of High Performance Wheelchair Athletes at Rest and During Exercise with Autonomic Dysreflexia. <i>International Journal of Sports Medicine</i> , 2001, 22, 2-7.	0.8	53
23	Relationship Between 24-Hour Ambulatory Central Systolic Blood Pressure and Left Ventricular Mass. <i>Hypertension</i> , 2017, 70, 1157-1164.	1.3	52
24	Assessment of carotid wall motion and stiffness with tissue doppler imaging. <i>Ultrasound in Medicine and Biology</i> , 1998, 24, 639-646.	0.7	51
25	Metabolic Syndrome and the Progression of Carotid Intima-Media Thickness in Elderly Women. <i>Archives of Internal Medicine</i> , 2006, 166, 444.	4.3	50
26	Acute effects of interval versus continuous endurance training on pulse wave reflection in healthy young men. <i>Atherosclerosis</i> , 2015, 238, 399-406.	0.4	49
27	Lipoproteins and free plasma catecholamines in spinal cord injured men with different injury levels. <i>Clinical Physiology</i> , 2000, 20, 304-310.	0.7	48
28	Validation of automatic wear-time detection algorithms in a free-living setting of wrist-worn and hip-worn ActiGraph GT3X+. <i>BMC Public Health</i> , 2019, 19, 244.	1.2	48
29	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , 2020, 63, 362-373.	2.9	48
30	The Transeurope Footrace Project: longitudinal data acquisition in a cluster randomized mobile MRI observational cohort study on 44 endurance runners at a 64-stage 4,486km transcontinental ultramarathon. <i>BMC Medicine</i> , 2012, 10, 78.	2.3	47
31	Heart rate, heart rate variability and inflammatory biomarkers among young and healthy adults. <i>Annals of Medicine</i> , 2017, 49, 32-41.	1.5	47
32	Relation of leisure-time physical activity to structural and functional arterial properties of the common carotid artery in male subjects. <i>Atherosclerosis</i> , 1999, 145, 107-114.	0.4	45
33	Early atherosclerosis in childhood type 1 diabetes: role of raised systolic blood pressure in the absence of dyslipidaemia. <i>European Journal of Pediatrics</i> , 2007, 166, 541-548.	1.3	45
34	Physical activity is associated with lower arterial stiffness in older adults: results of the SAPALDIA 3 Cohort Study. <i>European Journal of Epidemiology</i> , 2016, 31, 275-285.	2.5	45
35	Novel Smartphone Game Improves Physical Activity Behavior in Type 2 Diabetes. <i>American Journal of Preventive Medicine</i> , 2019, 57, 41-50.	1.6	42
36	Atherosclerotic risk and social jetlag in rotating shift-workers: First evidence from a pilot study. <i>Work</i> , 2013, 46, 273-282.	0.6	41

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37	The Role of Gas Exchange Variables in Cardiopulmonary Exercise Testing for Risk Stratification and Management of Heart Failure with Reduced Ejection Fraction. <i>American Heart Journal</i> , 2018, 202, 116-126.	1.2	41
38	Physical Activity and the Metabolic Syndrome in Elderly German Men and Women: Results from the population-based KORA Survey. <i>Diabetes Care</i> , 2009, 32, 511-513.	4.3	40
39	Effects of Exergaming on Physical Activity in Overweight Individuals. <i>Sports Medicine</i> , 2016, 46, 845-860.	3.1	40
40	Diurnal variability of transportation noise exposure and cardiovascular mortality: A nationwide cohort study from Switzerland. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 556-563.	2.1	40
41	Computerized analysing system using the active contour in ultrasound measurement of carotid artery intima-media thickness. <i>Clinical Physiology</i> , 2001, 21, 561-569.	0.7	39
42	Modulation of dendritic cells and toll-like receptors by marathon running. <i>European Journal of Applied Physiology</i> , 2012, 112, 1699-1708.	1.2	39
43	Is physical activity a modifier of the association between air pollution and arterial stiffness in older adults: The SAPALDIA cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 1030-1038.	2.1	38
44	Quantitative measurement of carotid intima-media roughness—effect of age and manifest coronary artery disease. <i>Atherosclerosis</i> , 2003, 166, 57-65.	0.4	36
45	Relationship between objectively measured physical activity and cardiovascular aging in the general population — The EVIDENT trial. <i>Atherosclerosis</i> , 2014, 233, 434-440.	0.4	36
46	In Athletes, the Diurnal Variations in Maximum Oxygen Uptake Are More Than Twice as Large as the Day-to-Day Variations. <i>Frontiers in Physiology</i> , 2019, 10, 219.	1.3	36
47	An internet-delivered exercise intervention for workplace health promotion in overweight sedentary employees: A randomized trial. <i>Preventive Medicine</i> , 2010, 51, 234-239.	1.6	35
48	Healthy lifestyle and heart rate variability in young adults. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1037-1044.	0.8	34
49	<i>P</i> value functions: An underused method to present research results and to promote quantitative reasoning. <i>Statistics in Medicine</i> , 2019, 38, 4189-4197.	0.8	34
50	Mobile Exergaming for Health—Effects of a serious game application for smartphones on physical activity and exercise adherence in type 2 diabetes mellitus—study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 103.	0.7	32
51	Effect of E-Bike Versus Bike Commuting on Cardiorespiratory Fitness in Overweight Adults: A 4-Week Randomized Pilot Study. <i>Clinical Journal of Sport Medicine</i> , 2018, 28, 255-265.	0.9	32
52	The 6-min walk test in heart failure: is it a max or sub-maximum exercise test?. <i>European Journal of Applied Physiology</i> , 2009, 107, 317-323.	1.2	31
53	An Automated, Interactive Analysis System for Ultrasound Sequences of the Common Carotid Artery. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1440-1450.	0.7	31
54	Long-term physical activity is associated with reduced arterial stiffness in older adults: longitudinal results of the SAPALDIA cohort study. <i>Age and Ageing</i> , 2016, 45, 110-115.	0.7	31

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55	Changes in Cartilage Biomarker Levels During a Transcontinental Multistage Footrace Over 4486 km. <i>American Journal of Sports Medicine</i> , 2017, 45, 2630-2636.	1.9	30
56	Functional aging in health and heart failure: the COMplete Study. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 180.	0.7	30
57	Novel CPET Reference Values in Healthy Adults: Associations with Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 26-37.	0.2	30
58	Association of daily physical activity volume and intensity with COPD severity. <i>Respiratory Medicine</i> , 2011, 105, 1846-1852.	1.3	28
59	Daily Walking Intensity as a Predictor of Quality of Life in Patients with Chronic Obstructive Pulmonary Disease. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1212-1218.	0.2	28
60	Empirical evidence for a relationship between narcissistic personality traits and job burnout. <i>Burnout Research</i> , 2016, 3, 25-33.	4.4	28
61	Superior Effects of High-Intensity Interval Training vs. Moderate Continuous Training on Arterial Stiffness in Episodic Migraine: A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2017, 8, 1086.	1.3	28
62	Exercise and Arterial Stiffness in the Elderly: A Combined Cross-Sectional and Randomized Controlled Trial (EXAMIN AGE). <i>Frontiers in Physiology</i> , 2019, 10, 1119.	1.3	28
63	New Data-based Cutoffs for Maximal Exercise Criteria across the Lifespan. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1915-1923.	0.2	28
64	Atherogenesis in youth – Early consequence of adolescent smoking. <i>Atherosclerosis</i> , 2013, 230, 304-309.	0.4	27
65	The Stimulating Effect of Bright Light on Physical Performance Depends on Internal Time. <i>PLoS ONE</i> , 2012, 7, e40655.	1.1	27
66	The Swiss Transplant Cohort Study's Framework for Assessing Lifelong Psychosocial Factors in Solid-Organ Transplants. <i>Progress in Transplantation</i> , 2013, 23, 235-246.	0.4	26
67	Influence of physical fitness and activity behavior on retinal vessel diameters in primary schoolchildren. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 731-738.	1.3	26
68	Heart Rate Variability and Sleep-Related Breathing Disorders in the General Population. <i>American Journal of Cardiology</i> , 2016, 118, 912-917.	0.7	25
69	Hypertension, diabetes and lifestyle in the long-term – Results from a Swiss population-based cohort. <i>Preventive Medicine</i> , 2017, 97, 56-61.	1.6	25
70	Association of Occupational and Leisure-Time Physical Activity with Aerobic Capacity in a Working Population. <i>PLoS ONE</i> , 2017, 12, e0168683.	1.1	25
71	Alpha-1 antitrypsin deficiency: From the lung to the heart?. <i>Atherosclerosis</i> , 2018, 270, 166-172.	0.4	24
72	The effects of exercise on sleep in unipolar depression: A systematic review and network meta-analysis. <i>Sleep Medicine Reviews</i> , 2021, 59, 101452.	3.8	24

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73	Dynamic retinal vessel response to flicker in age-related macular degeneration patients before and after vascular endothelial growth factor inhibitor injection. <i>Acta Ophthalmologica</i> , 2011, 89, 472-479.	0.6	23
74	Reproducibility of oscillometrically measured arterial stiffness indices: Results of the SAPALDIA 3 cohort study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 170-176.	0.6	23
75	Association of body composition and blood pressure categories with retinal vessel diameters in primary school children. <i>Hypertension Research</i> , 2016, 39, 423-429.	1.5	23
76	Exercise, Arterial Crosstalk-Modulation, and Inflammation in an Aging Population: The ExAMIN AGE Study. <i>Frontiers in Physiology</i> , 2018, 9, 116.	1.3	23
77	Automatic detection of the intimal and the adventitial layers of the common carotid artery wall in ultrasound B-mode images using snakes. , 0, , .		22
78	Pedometer Accuracy in Patients with Chronic Heart Failure. <i>International Journal of Sports Medicine</i> , 2010, 31, 186-191.	0.8	22
79	Immunomodulatory Effects of Aerobic Training in Obesity. <i>Mediators of Inflammation</i> , 2011, 2011, 1-10.	1.4	22
80	Variability and reproducibility of carotid structural and functional parameters assessed with transcutaneous ultrasound – Results from the SAPALDIA Cohort Study. <i>Atherosclerosis</i> , 2013, 231, 448-455.	0.4	22
81	Association of blood pressure, obesity and physical activity with arterial stiffness in children: a systematic review and meta-analysis. <i>Pediatric Research</i> , 2022, 91, 502-512.	1.1	22
82	Normative data and standard operating procedures for static and dynamic retinal vessel analysis as biomarker for cardiovascular risk. <i>Scientific Reports</i> , 2021, 11, 14136.	1.6	22
83	Synergistic Effects of Elevated Systolic Blood Pressure and Hypercholesterolemia on Carotid Intima-Media Thickness in Children and Adolescents. <i>Pediatric Cardiology</i> , 2009, 30, 1131-1136.	0.6	21
84	Balance and gait performance after maximal and submaximal endurance exercise in seniors: is there a higher fall-risk?. <i>European Journal of Applied Physiology</i> , 2013, 113, 661-669.	1.2	21
85	Marathon performance but not BMI affects post-marathon pro-inflammatory and cartilage biomarkers. <i>Journal of Sports Sciences</i> , 2017, 35, 711-718.	1.0	21
86	Acute respiratory health effects of urban air pollutants in adults with different patterns of underlying respiratory disease. <i>Swiss Medical Weekly</i> , 2012, 142, w13681.	0.8	21
87	Adult-like but regressive increase of intima-media thickness and roughness in a child with type 1 diabetes. <i>Pediatric Diabetes</i> , 2005, 6, 161-164.	1.2	20
88	Association of Physical Activity and Prognostic Parameters in Elderly Patients With Heart Failure. <i>Journal of Aging and Physical Activity</i> , 2011, 19, 1-15.	0.5	20
89	Does Increased Blood Pressure Rather Than Aging Influence Retinal Pulse Wave Velocity?. , 2012, 53, 2119.		20
90	Diurnal variation of arterial stiffness in healthy individuals of different ages and patients with heart disease. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014, 74, 155-162.	0.6	20

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91	Does a Single Session of High-Intensity Interval Training Provoke a Transient Elevated Risk of Falling in Seniors and Adults?. <i>Gerontology</i> , 2015, 61, 15-23.	1.4	20
92	Effects of Endurance Exercise Modalities on Arterial Stiffness in Patients Suffering from Unipolar Depression: A Randomized Controlled Trial. <i>Frontiers in Psychiatry</i> , 2018, 8, 311.	1.3	20
93	Breath acetone change during aerobic exercise is moderated by cardiorespiratory fitness. <i>Journal of Breath Research</i> , 2021, 15, 016006.	1.5	19
94	The effect of workplace smoking bans on heart rate variability and pulse wave velocity of non-smoking hospitality workers. <i>International Journal of Public Health</i> , 2014, 59, 577-585.	1.0	18
95	Sex-specific associations of cardiovascular risk factors with carotid stiffness – Results from the SAPALDIA Cohort Study. <i>Atherosclerosis</i> , 2014, 235, 576-584.	0.4	18
96	Effects of acute bouts of endurance exercise on retinal vessel diameters are age and intensity dependent. <i>Age</i> , 2014, 36, 9650.	3.0	18
97	Diurnal and day-to-day variations in isometric and isokinetic strength. <i>Chronobiology International</i> , 2019, 36, 1537-1549.	0.9	18
98	Automatic detection of the carotid artery boundary on cross-sectional MR image sequences using a circle model guided dynamic programming. <i>BioMedical Engineering OnLine</i> , 2011, 10, 26.	1.3	17
99	Correlates and Outcomes of Low Physical Activity Posttransplant: A Systematic Review and Meta-Analysis. <i>Transplantation</i> , 2019, 103, 679-688.	0.5	17
100	Which Cutoffs for Secondary $\dot{V}E^{\text{TM}}\text{O}_2\text{max}$ Criteria Are Robust to Diurnal Variations?. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1006-1013.	0.2	17
101	Endothelial function of healthy adults from 20 to 91 years of age: prediction of cardiovascular risk by vasoactive range. <i>Journal of Hypertension</i> , 2021, 39, 1361-1369.	0.3	17
102	Diagnosing Overtraining Syndrome: A Scoping Review. <i>Sports Health</i> , 2022, 14, 665-673.	1.3	17
103	How to improve walking, balance and social participation following stroke: a comparison of the long term effects of two walking aids–canes and an orthosis TheraTogs–on the recovery of gait following acute stroke. A study protocol for a multi-centre, single blind, randomised control trial. <i>BMC Neurology</i> , 2012, 12, 18.	0.8	16
104	Infectious diseases are associated with carotid intima media thickness in adolescence. <i>Atherosclerosis</i> , 2015, 243, 609-615.	0.4	16
105	Lung function, obesity and physical fitness in young children: The EXAMIN YOUTH study. <i>Respiratory Medicine</i> , 2019, 159, 105813.	1.3	16
106	Validity of smartphones and activity trackers to measure steps in a free-living setting over three consecutive days. <i>Physiological Measurement</i> , 2020, 41, 015001.	1.2	16
107	Metabolic View on Human Healthspan: A Lipidome-Wide Association Study. <i>Metabolites</i> , 2021, 11, 287.	1.3	16
108	The Relationship of Left Ventricular to Femoral Artery Structure in Male Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 214-219.	0.2	15

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109	Sequential based analysis of Intima-Media Thickness (IMT) in common carotid artery studies. <i>Atherosclerosis</i> , 2007, 195, e203-e209.	0.4	15
110	Non-Diabetic Chronic Kidney Disease Influences Retinal Microvasculature. <i>Kidney and Blood Pressure Research</i> , 2009, 32, 428-433.	0.9	15
111	Synchronous MRI of muscle motion induced by electrical stimulation. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 664-672.	1.9	15
112	MOBility assessment with modern TEChnology in older patientsâ€™ real-life by the General Practitioner: the MOBITEC-GP study protocol. <i>BMC Public Health</i> , 2019, 19, 1703.	1.2	15
113	Automated Detection of the Arterial Inner Walls of the Common Carotid Artery Based on Dynamic B-Mode Signals. <i>Sensors</i> , 2010, 10, 10601-10619.	2.1	14
114	Extreme exercise enhances chromogranin A levels correlating with stress levels but not with cardiac burden. <i>Atherosclerosis</i> , 2012, 220, 219-222.	0.4	14
115	Relation of Cardiorespiratory Fitness to Risk of Subclinical Atherosclerosis in Men With Cardiometabolic Syndrome. <i>American Journal of Cardiology</i> , 2016, 118, 1282-1286.	0.7	14
116	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
117	Prime Time Light Exposures Do Not Seem to Improve Maximal Physical Performance in Male Elite Athletes, but Enhance End-Spurt Performance. <i>Frontiers in Physiology</i> , 2017, 8, 264.	1.3	14
118	Effects of different endurance exercise modalities on retinal vessel diameters in unipolar depression. <i>Microvascular Research</i> , 2018, 120, 111-116.	1.1	14
119	Short- and Long-Term Effects of Bariatric Surgery on Vascular Phenotype. <i>Obesity Surgery</i> , 2019, 29, 1301-1308.	1.1	14
120	Cardiovascular risk in pediatric type 1 diabetes: sex-specific intima-media thickening verified by automatic contour identification and analyzing systems. <i>Pediatric Diabetes</i> , 2012, 13, 251-258.	1.2	13
121	Doseâ€™response relationship between light exposure and cycling performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 794-801.	1.3	13
122	Physical inactivity caused economic burden depends on regional cultural differences. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 95-104.	1.3	13
123	Ultra-endurance sports have no negative impact on indices of arterial stiffness. <i>European Journal of Applied Physiology</i> , 2014, 114, 49-57.	1.2	12
124	Lower Body vs. Upper Body Resistance Training and Arterial Stiffness in Young Men. <i>International Journal of Sports Medicine</i> , 2015, 36, 960-967.	0.8	12
125	ZumBeat: Evaluation of a Zumba Dance Intervention in Postmenopausal Overweight Women. <i>Sports</i> , 2016, 4, 5.	0.7	12
126	Recommendations for Aerobic Endurance Training Based on Subjective Ratings of Perceived Exertion in Healthy Seniors. <i>Journal of Aging and Physical Activity</i> , 2013, 21, 100-111.	0.5	11



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127	Decreased levels of homoarginine and asymmetric dimethylarginine in children with type 1 diabetes: associations with cardiovascular risk factors but no effect by atorvastatin. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2015, 28, 147-52.	0.4	11
128	Is there a gender-specific association between asthma and carotid intima media thickness in Swiss adolescents?. <i>European Journal of Pediatrics</i> , 2018, 177, 699-707.	1.3	11
129	Cardiac structure and function in response to a multi-stage marathon over 4486â€‰km. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1102-1109.	0.8	11
130	Correlates and outcomes of alcohol use after single solid organ transplantation: A systematic review and meta-analysis. <i>Transplantation Reviews</i> , 2019, 33, 17-28.	1.2	11
131	Recovery of mobility function and life-space mobility after ischemic stroke: the MOBITEC-Stroke study protocol. <i>BMC Neurology</i> , 2020, 20, 348.	0.8	11
132	Metabolic Impairment in Coronary Artery Disease: Elevated Serum Acylcarnitines Under the Spotlights. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 792350.	1.1	11
133	Quantification of the Wall Inhomogeneity in B-mode Sonographic Images of the Carotid Artery. <i>Journal of Ultrasound in Medicine</i> , 2002, 21, 1395-1404.	0.8	10
134	Effects of Exercise on Plasma Lipoproteins. <i>New England Journal of Medicine</i> , 2003, 348, 1494-1496.	13.9	10
135	Retinal Vessel Analysis (RVA) in the Context of Subarachnoid Hemorrhage - A Proof of Concept Study. <i>PLoS ONE</i> , 2016, 11, e0158781.	1.1	10
136	Cardiorespiratory Exertion While Playing Video Game Exercises in Elderly Individuals With Type 2 Diabetes. <i>Clinical Journal of Sport Medicine</i> , 2016, 26, 326-331.	0.9	10
137	Association of cardiorespiratory fitness with retinal vessel diameters as a biomarker of cardiovascular risk. <i>Microvascular Research</i> , 2018, 120, 36-40.	1.1	10
138	Perception of parks and trails as mobility facilitators and transportation walking in older adults: a study using digital geographical maps. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 673-683.	1.4	10
139	Physical Activity Interventions for Primary Prevention in Adults: A Systematic Review of Randomized Controlled Trial-Based Economic Evaluations. <i>Sports Medicine</i> , 2020, 50, 731-750.	3.1	10
140	Map-based assessment of older adultsâ€™ life space: validity and reliability. <i>European Review of Aging and Physical Activity</i> , 2020, 17, 21.	1.3	10
141	Methodological aspects for accelerometer-based assessment of physical activity in heart failure and health. <i>BMC Medical Research Methodology</i> , 2021, 21, 251.	1.4	10
142	Associations of Daily Walking Activity with Biomarkers Related to Cardiac Distress in Patients with Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 2013, 85, 195-202.	1.2	9
143	High prevalence of physical inactivity among patients from the Swiss HIV Cohort Study. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2017, 29, 1056-1061.	0.6	9
144	The Obesity Factor: How Cardiorespiratory Fitness is Estimated More Accurately in People with Obesity. <i>Obesity</i> , 2018, 26, 291-298.	1.5	9

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145	Mediating effects of exercise capacity on the association between physical activity and health-related quality of life among adolescents with complex congenital heart disease. <i>American Journal of Human Biology</i> , 2019, 31, e23297.	0.8	9
146	Impact of sedentary behavior on large artery structure and function in children and adolescents: a systematic review. <i>European Journal of Pediatrics</i> , 2020, 179, 17-27.	1.3	9
147	Let the games begin: Serious games in prevention and rehabilitation to improve outcomes in patients with cardiovascular disease. <i>European Journal of Cardiovascular Nursing</i> , 2020, 19, 558-560.	0.4	9
148	Physical activity is favorably associated with arterial stiffness in patients with obesity and elevated metabolic risk. <i>International Journal of Clinical Practice</i> , 2020, 74, e13563.	0.8	9
149	How Ceramides Orchestrate Cardiometabolic Health—An Ode to Physically Active Living. <i>Metabolites</i> , 2021, 11, 675.	1.3	9
150	Influence of Physiologic Cardiac Hypertrophy on the Prevalence of Heart Valve Regurgitation. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 85-93.	0.8	8
151	Structural Alterations of Retinal Arterioles in Adults Late After Repair of Aortic Isthmic Coarctation. <i>American Journal of Cardiology</i> , 2010, 105, 740-744.	0.7	8
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