

Arno Schmidt-Trucksass

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.

215
papers

4,110
citations

32
h-index

54
g-index

235
ext. papers

5,113
ext. citations

3.8
avg. IF

5.33
L-index

#	Paper	IF	Citations
215	Exercise and Carotid Properties in the Young-The KiGGS-2 Study.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 767025	5.4	0
214	Methodological aspects for accelerometer-based assessment of physical activity in heart failure and health. <i>BMC Medical Research Methodology</i> , 2021 , 21, 251	4.7	0
213	Comparison of V O-Kinetic Parameters for the Management of Heart Failure.. <i>Frontiers in Physiology</i> , 2021 , 12, 775601	4.6	0
212	The Metabolic Signature of Cardiorespiratory Fitness: A Systematic Review. <i>Sports Medicine</i> , 2021 , 1	10.6	1
211	How Ceramides Orchestrate Cardiometabolic Health-An Ode to Physically Active Living. <i>Metabolites</i> , 2021 , 11,	5.6	2
210	Body Composition and Physical Fitness Affect Central Hemodynamics in Young Children. <i>Frontiers in Pediatrics</i> , 2021 , 9, 750398	3.4	2
209	Reply to Hertenstein et al.'s commentary on Brupbacher et al.: The effects of exercise on sleep in unipolar depression: A systematic review and network meta-analysis. <i>Sleep Medicine Reviews</i> , 2021 , 60, 101562	10.2	
208	Protocol for a systematic review and meta-analysis of observational studies examining the impact of COVID-19 safety measures on physical activity patterns in adults. <i>Systematic Reviews</i> , 2021 , 10, 281	3	1
207	Association of blood pressure, obesity and physical activity with arterial stiffness in children: a systematic review and meta-analysis. <i>Pediatric Research</i> , 2021 ,	3.2	4
206	Metabolic View on Human Healthspan: A Lipidome-Wide Association Study. <i>Metabolites</i> , 2021 , 11,	5.6	3
205	Non-invasive Assessment of Neurovascular Coupling After Aneurysmal Subarachnoid Hemorrhage: A Prospective Observational Trial Using Retinal Vessel Analysis. <i>Frontiers in Neurology</i> , 2021 , 12, 690183 ^{4.1}	4.1	1
204	Geographical heterogeneity of doping-related knowledge, beliefs and attitude among 533 Youth Olympics participants. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 1116-1122	4.4	0
203	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	9.9	53
202	Carotid IMT and Stiffness in the KiGGS 2 National Survey: Third-Generation Measurement, Quality Algorithms and Determinants of Completeness. <i>Ultrasound in Medicine and Biology</i> , 2021 , 47, 296-308	3.5	2
201	Novel CPET Reference Values in Healthy Adults: Associations with Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 26-37	1.2	9
200	Long distance running - Can bioprofiling predict success in endurance athletes?. <i>Medical Hypotheses</i> , 2021 , 146, 110474	3.8	0
199	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	1.9	6

198	The metabolic signature of cardiorespiratory fitness: a protocol for a systematic review and meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , 2021 , 7, e001008	3.4	1
197	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	4.9	1
196	Metabolic profiling links cardiovascular risk and vascular end organ damage. <i>Atherosclerosis</i> , 2021 , 331, 45-53	3.1	1
195	High-Intensity Interval Training for Heart Failure Patients With Preserved Ejection Fraction (HIT-HF)-Rational and Design of a Prospective, Randomized, Controlled Trial. <i>Frontiers in Physiology</i> , 2021 , 12, 734111	4.6	0
194	Heightened Stress Reactivity in Response to an Attachment Related Stressor in Patients With Medically Treated Primary Hypertension. <i>Frontiers in Psychiatry</i> , 2021 , 12, 718919	5	0
193	Diagnosing Overtraining Syndrome: A Scoping Review. <i>Sports Health</i> , 2021 , 19417381211044739	4.7	6
192	The effects of exercise on sleep in unipolar depression: A systematic review and network meta-analysis. <i>Sleep Medicine Reviews</i> , 2021 , 59, 101452	10.2	9
191	Verification-phase tests show low reliability and add little value in determining [Formula: see text]O ₂ max in young trained adults. <i>PLoS ONE</i> , 2021 , 16, e0245306	3.7	4
190	Metabolic Impairment in Coronary Artery Disease: Elevated Serum Acylcarnitines Under the Spotlights.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 792350	5.4	1
189	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	2.9	3
188	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	2.9	7
187	Composite Measures of Physical Fitness to Discriminate Between Healthy Aging and Heart Failure: The COMpLETE Study. <i>Frontiers in Physiology</i> , 2020 , 11, 596240	4.6	1
186	Breath acetone change during aerobic exercise is moderated by cardiorespiratory fitness. <i>Journal of Breath Research</i> , 2020 , 15, 016006	3.1	8
185	Dynamic MR imaging of the skeletal muscle in young and senior volunteers during synchronized minimal neuromuscular electrical stimulation. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020 , 33, 393-400	2.8	3
184	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	10.6	3
183	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , 2020 , 63, 362-373	10.3	19
182	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	4.1	3
181	Recovery of mobility function and life-space mobility after ischemic stroke: the MOBITEC-Stroke study protocol. <i>BMC Neurology</i> , 2020 , 20, 348	3.1	1

180	New Data-based Cutoffs for Maximal Exercise Criteria across the Lifespan. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1915-1923	1.2	12
179	Map-based assessment of older adults' life space: validity and reliability. <i>European Review of Aging and Physical Activity</i> , 2020 , 17, 21	6.5	3
178	Diurnal and day-to-day variations in isometric and isokinetic strength. <i>Chronobiology International</i> , 2019 , 36, 1537-1549	3.6	9
177	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	4.6	10
176	Is atopic sensitization associated with indicators of early vascular ageing in adolescents?. <i>PLoS ONE</i> , 2019 , 14, e0220198	3.7	1
175	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	4.8	6
174	Novel Smartphone Game Improves Physical Activity Behavior in Type 2 Diabetes. <i>American Journal of Preventive Medicine</i> , 2019 , 57, 41-50	6.1	15
173	The acute effects of aerobic exercise on sleep in patients with depression: study protocol for a randomized controlled trial. <i>Trials</i> , 2019 , 20, 352	2.8	3
172	The effects of aerobic, resistance, and meditative movement exercise on sleep in individuals with depression: protocol for a systematic review and network meta-analysis. <i>Systematic Reviews</i> , 2019 , 8, 105	3	4
171	Correlates and Outcomes of Low Physical Activity Posttransplant: A Systematic Review and Meta-Analysis. <i>Transplantation</i> , 2019 , 103, 679-688	1.8	10
170	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	4.1	20
169	Prevalence and determinants of exercise-induced left ventricular dysfunction in patients with coronary artery disease. <i>European Journal of Clinical Investigation</i> , 2019 , 49, e13112	4.6	
168	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	4.6	16
167	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	2.7	4
166	Functional aging in health and heart failure: the COMLETE Study. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 180	2.3	14
165	P value functions: An underused method to present research results and to promote quantitative reasoning. <i>Statistics in Medicine</i> , 2019 , 38, 4189-4197	2.3	16
164	Lung function, obesity and physical fitness in young children: The EXAMIN YOUTH study. <i>Respiratory Medicine</i> , 2019 , 159, 105813	4.6	7
163	Cardiac structure and function in response to a multi-stage marathon over 4486 km. <i>European Journal of Preventive Cardiology</i> , 2019 , 2047487319885035	3.9	4

162	Effectiveness of a Behavior Change Technique-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	3.4	21
161	Pre-race determinants influencing performance and finishing of a transcontinental 4486-km ultramarathon. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 1608-1621	1.4	4
160	Should sports and exercise medicine be taught in the Swiss undergraduate medical curricula? A survey among 1764 Swiss medical students. <i>BMJ Open Sport and Exercise Medicine</i> , 2019 , 5, e000575	3.4	2
159	MOBility assessment with modern TEChnology in older patientsSreal-life by the General Practitioner: the MOBITEC-GP study protocol. <i>BMC Public Health</i> , 2019 , 19, 1703	4.1	9
158	Which Cutoffs for Secondary VO2max Criteria Are Robust to Diurnal Variations?. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1006-1013	1.2	12
157	Physical Activity and Exercise Training as Important Modifiers of Vascular Health. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2019 , 451-469	0.1	
156	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	3.3	9
155	Short- and Long-Term Effects of Bariatric Surgery on Vascular Phenotype. <i>Obesity Surgery</i> , 2019 , 29, 1301-1308	3.7	10
154	Breath Sensors for Health Monitoring. <i>ACS Sensors</i> , 2019 , 4, 268-280	9.2	137
153	Obesity, High Blood Pressure, and Physical Activity Determine Vascular Phenotype in Young Children. <i>Hypertension</i> , 2019 , 73, 153-161	8.5	45
152	Physical inactivity caused economic burden depends on regional cultural differences. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 95-104	4.6	6
151	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	4.6	55
150	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	6.9	27
149	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	4.1	8
148	Alpha-1 antitrypsin deficiency: From the lung to the heart?. <i>Atherosclerosis</i> , 2018 , 270, 166-172	3.1	12
147	Morning bright light exposure has no influence on self-chosen exercise intensity and mood in overweight individuals - A randomized controlled trial. <i>Chronobiology International</i> , 2018 , 35, 477-485	3.6	1
146	Oxygen uptake during mini trampoline exercise in normal-weight, endurance-trained adults and in overweight-obese, inactive adults: A proof-of-concept study. <i>European Journal of Sport Science</i> , 2018 , 18, 753-761	3.9	3
145	Does obesity attenuate the beneficial cardiovascular effects of cardiorespiratory fitness?. <i>Atherosclerosis</i> , 2018 , 272, 21-26	3.1	3

144	Effects of different endurance exercise modalities on retinal vessel diameters in unipolar depression. <i>Microvascular Research</i> , 2018 , 120, 111-116	3.7	10
143	Exercise, Arterial Crosstalk-Modulation, and Inflammation in an Aging Population: The ExAMIN AGE Study. <i>Frontiers in Physiology</i> , 2018 , 9, 116	4.6	17
142	Retinal Vessel Diameters and Physical Activity in Patients With Mild to Moderate Rheumatic Disease Without Cardiovascular Comorbidities. <i>Frontiers in Physiology</i> , 2018 , 9, 176	4.6	2
141	Influence of body composition and physical fitness on arterial stiffness after marathon running. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 2651-2658	4.6	2
140	How to Conceptualize and Implement a PhD Program in Health Sciences-The Basel Approach. <i>Journal of Medical Education and Curricular Development</i> , 2018 , 5, 2382120518771364	2.2	2
139	Association of cardiorespiratory fitness with retinal vessel diameters as a biomarker of cardiovascular risk. <i>Microvascular Research</i> , 2018 , 120, 36-40	3.7	7
138	The Obesity Factor: How Cardiorespiratory Fitness is Estimated More Accurately in People with Obesity. <i>Obesity</i> , 2018 , 26, 291-298	8	5
137	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	3.2	15
136	Motor imagery ability assessments in four disciplines: protocol for a systematic review. <i>BMJ Open</i> , 2018 , 8, e023439	3	4
135	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	4.9	21
134	Marathon performance but not BMI affects post-marathon pro-inflammatory and cartilage biomarkers. <i>Journal of Sports Sciences</i> , 2017 , 35, 711-718	3.6	18
133	Synchronous MRI of muscle motion induced by electrical stimulation. <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 664-672	4.4	11
132	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	2.2	7
131	Effects of bright and blue light on acoustic reaction time and maximum handgrip strength in male athletes: a randomized controlled trial. <i>European Journal of Applied Physiology</i> , 2017 , 117, 1689-1696	3.4	2
130	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	2.8	18
129	Hypertension, diabetes and lifestyle in the long-term - Results from a Swiss population-based cohort. <i>Preventive Medicine</i> , 2017 , 97, 56-61	4.3	18
128	Relationship Between 24-Hour Ambulatory Central Systolic Blood Pressure and Left Ventricular Mass: A Prospective Multicenter Study. <i>Hypertension</i> , 2017 , 70, 1157-1164	8.5	37
127	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	4.6	12

126	Association of Occupational and Leisure-Time Physical Activity with Aerobic Capacity in a Working Population. <i>PLoS ONE</i> , 2017 , 12, e0168683	3.7	19
125	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	8.4	55
124	Effects of Endurance Exercise Modalities on Arterial Stiffness in Patients Suffering from Unipolar Depression: A Randomized Controlled Trial. <i>Frontiers in Psychiatry</i> , 2017 , 8, 311	5	12
123	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	6.9	23
122	Changes in Cartilage Biomarker Levels During a Transcontinental Multistage Footrace Over 4486 km. <i>American Journal of Sports Medicine</i> , 2017 , 45, 2630-2636	6.8	22
121	Heart rate, heart rate variability and inflammatory biomarkers among young and healthy adults. <i>Annals of Medicine</i> , 2017 , 49, 32-41	1.5	29
120	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	4.6	7
119	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, 275-85	12.1	35
118	Association of body composition and blood pressure categories with retinal vessel diameters in primary school children. <i>Hypertension Research</i> , 2016 , 39, 423-9	4.7	18
117	Heart Rate Variability and Sleep-Related Breathing Disorders in the General Population. <i>American Journal of Cardiology</i> , 2016 , 118, 912-917	3	20
116	Dose-response relationship between light exposure and cycling performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016 , 26, 794-801	4.6	11
115	Arterielle Gefäßsteifigkeit Ursachen und Konsequenzen. <i>Kardiologe</i> , 2016 , 10, 38-46	0.6	2
114	Beyond intima-media-thickness: Analysis of the carotid intima-media-roughness in a paediatric population. <i>Atherosclerosis</i> , 2016 , 251, 164-169	3.1	9
113	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, 110-5	3	26
112	Empirical evidence for a relationship between narcissistic personality traits and job burnout. <i>Burnout Research</i> , 2016 , 3, 25-33		17
111	Healthy lifestyle and heart rate variability in young adults. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1037-44	3.9	21
110	Effects of Exergaming on Physical Activity in Overweight Individuals. <i>Sports Medicine</i> , 2016 , 46, 845-60	10.6	28
109	Does sedentary lifestyle touch arterial health?. <i>Atherosclerosis</i> , 2016 , 244, 222-3	3.1	1

108	Associations of Novel and Traditional Vascular Biomarkers of Arterial Stiffness: Results of the SAPALDIA 3 Cohort Study. <i>PLoS ONE</i> , 2016 , 11, e0163844	3.7	6
107	ZumBeat: Evaluation of a Zumba Dance Intervention in Postmenopausal Overweight Women. <i>Sports</i> , 2016 , 4,	3	7
106	Retinal Vessel Analysis (RVA) in the Context of Subarachnoid Hemorrhage - A Proof of Concept Study. <i>PLoS ONE</i> , 2016 , 11, e0158781	3.7	7
105	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, 731-8	4.6	22
104	Does exercise capacity attenuate coronary artery calcification in view of mortality?. <i>Atherosclerosis</i> , 2016 , 251, 520-521	3.1	
103	Cardiorespiratory Exertion While Playing Video Game Exercises in Elderly Individuals With Type 2 Diabetes. <i>Clinical Journal of Sport Medicine</i> , 2016 , 26, 326-31	3.2	8
102	Relation of Cardiorespiratory Fitness to Risk of Subclinical Atherosclerosis in Men With Cardiometabolic Syndrome. <i>American Journal of Cardiology</i> , 2016 , 118, 1282-1286	3	12
101	Lipoprotein-associated phospholipase A2 activity and low-density lipoprotein subfractions after a 2-year treatment with atorvastatin in adolescents with type 1 diabetes. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016 , 29, 1181-1186	1.6	6
100	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, 170-6	2	15
99	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation: Endorsed by the Association for Research into Arterial Structure and Physiology (ARTERY) Society. <i>Atherosclerosis</i> , 2015 , 241, 507-32	3.1	420
98	Lower Body vs. Upper Body Resistance Training and Arterial Stiffness in Young Men. <i>International Journal of Sports Medicine</i> , 2015 , 36, 960-7	3.6	7
97	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	5.5	14
96	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, 443-57	3.9	55
95	Infectious diseases are associated with carotid intima media thickness in adolescence. <i>Atherosclerosis</i> , 2015 , 243, 609-15	3.1	14
94	Feasibility of oscillometric aortic pressure and stiffness assessment using the VaSera VS-1500: comparison with a common tonometric method. <i>Blood Pressure Monitoring</i> , 2015 , 20, 273-9	1.3	7
93	Muscle-Derived IL-6 Is Not Regulated by IL-1 during Exercise. A Double Blind, Placebo-Controlled, Randomized Crossover Study. <i>PLoS ONE</i> , 2015 , 10, e0139662	3.7	5
92	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	1.6	10
91	Acute effects of interval versus continuous endurance training on pulse wave reflection in healthy young men. <i>Atherosclerosis</i> , 2015 , 238, 399-406	3.1	37

90	Carotid Stiffness and Physical Activity in Elderly--A Short Report of the SAPALDIA 3 Cohort Study. <i>PLoS ONE</i> , 2015 , 10, e0128991	3.7	4
89	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, 577-85	4	14
88	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, 155-62	2	16
87	Sex-specific associations of cardiovascular risk factors with carotid stiffness--results from the SAPALDIA cohort study. <i>Atherosclerosis</i> , 2014 , 235, 576-84	3.1	17
86	Effects of acute bouts of endurance exercise on retinal vessel diameters are age and intensity dependent. <i>Age</i> , 2014 , 36, 9650		14
85	Reshape of the arterial wall as a slow reacting vascular structure?. <i>Atherosclerosis</i> , 2014 , 232, 155	3.1	
84	Relationship between objectively measured physical activity and cardiovascular aging in the general population--the EVIDENT trial. <i>Atherosclerosis</i> , 2014 , 233, 434-440	3.1	30
83	Intima-media thickness in children--need for more parameters?. <i>Hypertension</i> , 2014 , 63, e120	8.5	2
82	Ultra-endurance sports have no negative impact on indices of arterial stiffness. <i>European Journal of Applied Physiology</i> , 2014 , 114, 49-57	3.4	12
81	Early detection of subjects at risk for vascular remodelling - results from the Swiss population-based study SAPALDIA. <i>Swiss Medical Weekly</i> , 2014 , 144, w14052	3.1	4
80	The effects of classic altitude training on hemoglobin mass in swimmers. <i>European Journal of Applied Physiology</i> , 2013 , 113, 1199-211	3.4	58
79	Variability and reproducibility of carotid structural and functional parameters assessed with transcutaneous ultrasound - results from the SAPALDIA Cohort Study. <i>Atherosclerosis</i> , 2013 , 231, 448-55 ^{3.1}		16
78	Atherogenesis in youth--early consequence of adolescent smoking. <i>Atherosclerosis</i> , 2013 , 230, 304-9	3.1	21
77	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, 661-9	3.4	17
76	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	3.7	7
75	Automated localisation and boundary identification of superficial femoral artery on MRI sequences. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013 , 16, 873-84	2.1	3
74	Atherosclerotic risk and social jetlag in rotating shift-workers: first evidence from a pilot study. <i>Work</i> , 2013 , 46, 273-82	1.6	34
73	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, 100-11	1.6	8

72	The Swiss Transplant Cohort Study's framework for assessing lifelong psychosocial factors in solid-organ transplants. <i>Progress in Transplantation</i> , 2013 , 23, 235-46	1.1	20
71	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, 251-8	3.6	10
70	Relationship between 24 h ambulatory central blood pressure and left ventricular mass [Rationale and design of a prospective multicenter study. <i>Artery Research</i> , 2012 , 6, 103	2.2	3
69	Extreme exercise enhances chromogranin A levels correlating with stress levels but not with cardiac burden. <i>Atherosclerosis</i> , 2012 , 220, 219-22	3.1	14
68	Retinal vessel diameter, obesity and metabolic risk factors in school children (JuvenTUM 3). <i>Atherosclerosis</i> , 2012 , 221, 242-8	3.1	60
67	An automated, interactive analysis system for ultrasound sequences of the common carotid artery. <i>Ultrasound in Medicine and Biology</i> , 2012 , 38, 1440-50	3.5	23
66	Intima-Media-Dicke und Risiko für kardiovaskuläre Ereignisse. <i>Zentralblatt Für Arbeitsmedizin, Arbeitsschutz Und Ergonomie</i> , 2012 , 62, 259-264	0.3	
65	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>BMJ Open</i> , 2012 , 6, e001818	3.1	13
64	The TransEurope FootRace Project: longitudinal data acquisition in a cluster randomized mobile MRI observational cohort study on 44 endurance runners at a 64-stage 4,486 km transcontinental ultramarathon. <i>BMC Medicine</i> , 2012 , 10, 78	11.4	37
63	Does increased blood pressure rather than aging influence retinal pulse wave velocity? 2012 , 53, 2119-26		13
62	Longitudinal observation of Epstein-Barr virus antibodies in athletes during a competitive season. <i>Journal of Medical Virology</i> , 2012 , 84, 1415-22	19.7	7
61	Modulation of dendritic cells and toll-like receptors by marathon running. <i>European Journal of Applied Physiology</i> , 2012 , 112, 1699-708	3.4	32
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