

Arno Schmidt-Trucksäss

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Diagnosing Overtraining Syndrome: A Scoping Review. <i>Sports Health</i> , 2022, 14, 665-673.	1.3	17
3	The Metabolic Signature of Cardiorespiratory Fitness: A Systematic Review. <i>Sports Medicine</i> , 2022, 52, 527-546.	3.1	5
4	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
5	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
6	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.	0.7	7
7	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
8	Long distance running â€œ Can bioprofiling predict success in endurance athletes?. <i>Medical Hypotheses</i> , 2021, 146, 110474.	0.8	3
9	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
10	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.	1.4	5
11	Metabolic View on Human Healthspan: A Lipidome-Wide Association Study. <i>Metabolites</i> , 2021, 11, 287.	1.3	16
12	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.	1.1	4
13	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.	0.6	3
14	The acute effects of aerobic exercise on sleep in patients with unipolar depression: a randomized controlled trial. <i>Sleep</i> , 2021, 44, .	0.6	3
15	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
16	Metabolic profiling links cardiovascular risk and vascular end organ damage. <i>Atherosclerosis</i> , 2021, 331, 45-53.	0.4	7
17	High-Intensity Interval Training for Heart Failure Patients With Preserved Ejection Fraction (HIT-HF)-Rationale and Design of a Prospective, Randomized, Controlled Trial. <i>Frontiers in Physiology</i> , 2021, 12, 734111.	1.3	6
18	The Acute Effects of Aerobic Exercise on Nocturnal and Pre-Sleep Arousal in Patients with Unipolar Depression: Preplanned Secondary Analysis of a Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 4028.	1.0	3

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19	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.	1.3	2
20	Resistance training as a medicine to improve endothelial function. <i>Atherosclerosis</i> , 2021, 333, 85-86.	0.4	0
21	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
22	Verification-phase tests show low reliability and add little value in determining $\dot{V}\dot{O}_2\text{max}$ in young trained adults. <i>PLoS ONE</i> , 2021, 16, e0245306.	1.1	8
23	Breath acetone change during aerobic exercise is moderated by cardiorespiratory fitness. <i>Journal of Breath Research</i> , 2021, 15, 016006.	1.5	19
24	How Ceramides Orchestrate Cardiometabolic Health—An Ode to Physically Active Living. <i>Metabolites</i> , 2021, 11, 675.	1.3	9
25	Body Composition and Physical Fitness Affect Central Hemodynamics in Young Children. <i>Frontiers in Pediatrics</i> , 2021, 9, 750398.	0.9	4
26	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.	3.8	0
27	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.	2.5	2
28	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
29	Comparison of $\dot{V}\dot{O}_2$ -Kinetic Parameters for the Management of Heart Failure. <i>Frontiers in Physiology</i> , 2021, 12, 775601.	1.3	1
30	Exercise and Carotid Properties in the Young—The KiGGS-2 Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 767025.	1.1	5
31	Metabolic Impairment in Coronary Artery Disease: Elevated Serum Acylcarnitines Under the Spotlights. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 792350.	1.1	11
32	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.	1.1	5
33	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
34	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , 2020, 63, 362-373.	2.9	48
35	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
36	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

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37	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
38	Map-based assessment of older adults' life space: validity and reliability. <i>European Review of Aging and Physical Activity</i> , 2020, 17, 21.	1.3	10
39	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
40	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
41	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
42	Physical activity and exercise for cardiovascular prevention – Where do we come from, where do we go?. <i>Deutsche Zeitschrift Fur Sportmedizin</i> , 2020, 71, 3-4.	0.2	0
43	Composite Measures of Physical Fitness to Discriminate Between Healthy Aging and Heart Failure: The COMLETE Study. <i>Frontiers in Physiology</i> , 2020, 11, 596240.	1.3	5
44	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
45	Functional aging in health and heart failure: the COMLETE Study. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 180.	0.7	30
46	<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
47	Lung function, obesity and physical fitness in young children: The EXAMIN YOUTH study. <i>Respiratory Medicine</i> , 2019, 159, 105813.	1.3	16
48	Diurnal and day-to-day variations in isometric and isokinetic strength. <i>Chronobiology International</i> , 2019, 36, 1537-1549.	0.9	18
49	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
50	Is atopic sensitization associated with indicators of early vascular ageing in adolescents?. <i>PLoS ONE</i> , 2019, 14, e0220198.	1.1	1
51	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
52	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
53	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.	0.7	7
54	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.	2.5	4

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55	Correlates and Outcomes of Low Physical Activity Posttransplant: A Systematic Review and Meta-Analysis. <i>Transplantation</i> , 2019, 103, 679-688.	0.5	17
56	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
57	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.	1.7	0
58	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
59	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.	1.4	6
60	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
61	Which Cutoffs for Secondary $\dot{V}E_{\text{max}}$ Criteria Are Robust to Diurnal Variations?. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1006-1013.	0.2	17
62	Physical Activity and Exercise Training as Important Modifiers of Vascular Health. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2019, , 451-469.	0.1	0
63	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
64	Short- and Long-Term Effects of Bariatric Surgery on Vascular Phenotype. <i>Obesity Surgery</i> , 2019, 29, 1301-1308.	1.1	14
65	Breath Sensors for Health Monitoring. <i>ACS Sensors</i> , 2019, 4, 268-280.	4.0	244
66	Obesity, High Blood Pressure, and Physical Activity Determine Vascular Phenotype in Young Children. <i>Hypertension</i> , 2019, 73, 153-161.	1.3	74
67	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
68	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.	1.7	56
69	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.	0.4	6
70	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
71	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
72	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

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73	Alpha-1 antitrypsin deficiency: From the lung to the heart?. <i>Atherosclerosis</i> , 2018, 270, 166-172.	0.4	24
74	Morning bright light exposure has no influence on self-chosen exercise intensity and mood in overweight individuals â€œ A randomized controlled trial. <i>Chronobiology International</i> , 2018, 35, 477-485.	0.9	2
75	Oxygen uptake during mini trampoline exercise in normalâ€weight, enduranceâ€trained adults and in overweightâ€obese, inactive adults: A proofâ€ofâ€concept study. <i>European Journal of Sport Science</i> , 2018, 18, 753-761.	1.4	4
76	Does obesity attenuate the beneficial cardiovascular effects of cardiorespiratory fitness?. <i>Atherosclerosis</i> , 2018, 272, 21-26.	0.4	4
77	The Obesity Factor: How Cardiorespiratory Fitness is Estimated More Accurately in People with Obesity. <i>Obesity</i> , 2018, 26, 291-298.	1.5	9
78	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
79	Motor imagery ability assessments in four disciplines: protocol for a systematic review. <i>BMJ Open</i> , 2018, 8, e023439.	0.8	6
80	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
81	Effects of different endurance exercise modalities on retinal vessel diameters in unipolar depression. <i>Microvascular Research</i> , 2018, 120, 111-116.	1.1	14
82	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
83	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.	1.3	5
84	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
85	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.	1.3	3
86	How to Conceptualize and Implement a PhD Program in Health Sciencesâ€The Basel Approach. <i>Journal of Medical Education and Curricular Development</i> , 2018, 5, 238212051877136.	0.7	4
87	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
88	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
89	Synchronous MRI of muscle motion induced by electrical stimulation. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 664-672.	1.9	15
90	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

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91	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.	1.2	5
92	Mobile Exergaming for Healthâ€”Effects of a serious game application for smartphones on physical activity and exercise adherence in type 2 diabetes mellitusâ€”study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 103.	0.7	32
93	Hypertension, diabetes and lifestyle in the long-term â€” Results from a Swiss population-based cohort. <i>Preventive Medicine</i> , 2017, 97, 56-61.	1.6	25
94	Relationship Between 24-Hour Ambulatory Central Systolic Blood Pressure and Left Ventricular Mass. <i>Hypertension</i> , 2017, 70, 1157-1164.	1.3	52
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	Sportmedizin im Wandel. <i>Deutsche Zeitschrift Fur Sportmedizin</i> , 2017, 2017, 251-252.	0.2	0
103	ZumBeat: Evaluation of a Zumba Dance Intervention in Postmenopausal Overweight Women. <i>Sports</i> , 2016, 4, 5.	0.7	12
104	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
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, 731-738.	1.3	26
106	Does exercise capacity attenuate coronary artery calcification in view of mortality?. <i>Atherosclerosis</i> , 2016, 251, 520-521.	0.4	0
107	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
108	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

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109	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.	0.4	6
110	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
111	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
112	Dose-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
113	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
114	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
115	Empirical evidence for a relationship between narcissistic personality traits and job burnout. <i>Burnout Research</i> , 2016, 3, 25-33.	4.4	28
116	Healthy lifestyle and heart rate variability in young adults. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1037-1044.	0.8	34
117	Effects of Exergaming on Physical Activity in Overweight Individuals. <i>Sports Medicine</i> , 2016, 46, 845-860.	3.1	40
118	Does sedentary lifestyle touch arterial health?. <i>Atherosclerosis</i> , 2016, 244, 222-223.	0.4	3
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, 275-285.	2.5	45
120	Associations of Novel and Traditional Vascular Biomarkers of Arterial Stiffness: Results of the SAPALDIA 3 Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0163844.	1.1	8
121	Infectious diseases are associated with carotid intima media thickness in adolescence. <i>Atherosclerosis</i> , 2015, 243, 609-615.	0.4	16
122	Feasibility of oscillometric aortic pressure and stiffness assessment using the VaSera VS-1500. <i>Blood Pressure Monitoring</i> , 2015, 20, 273-279.	0.4	8
123	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.	1.1	7
124	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
125	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
126	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

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127	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
128	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
129	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
130	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
131	Carotid Stiffness and Physical Activity in Elderly – A Short Report of the SAPALDIA 3 Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0128991.	1.1	5
132	Intima-Media Thickness in Children – Need for More Parameters?. <i>Hypertension</i> , 2014, 63, e120.	1.3	3
133	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
134	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
135	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
136	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
137	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
138	Reshape of the arterial wall as a slow reacting vascular structure?. <i>Atherosclerosis</i> , 2014, 232, 155.	0.4	0
139	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
140	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.	0.8	6
141	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
142	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
143	Atherogenesis in youth – Early consequence of adolescent smoking. <i>Atherosclerosis</i> , 2013, 230, 304-309.	0.4	27
144	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

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145	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
146	Automated localisation and boundary identification of superficial femoral artery on MRI sequences. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 873-884.	0.9	3
147	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
148	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
149	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
150	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
151	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.	0.3	4
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