

Karsten Koenigstein

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

535
citations

933447

10
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	Breath Sensors for Health Monitoring. <i>ACS Sensors</i> , 2019, 4, 268-280.	7.8	244
2	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.	3.1	56
3	Monitoring Lipolysis by Sensing Breath Acetone down to Partsâ€‘perâ€‘Billion. <i>Small Science</i> , 2021, 1, 2100004.	9.9	20
4	Breath acetone change during aerobic exercise is moderated by cardiorespiratory fitness. <i>Journal of Breath Research</i> , 2021, 15, 016006.	3.0	19
5	Sports injuries and illnesses at the Lausanne 2020 Youth Olympic Winter Games: a prospective study of 1783 athletes from 79 countries. <i>British Journal of Sports Medicine</i> , 2021, 55, 968-974.	6.7	18
6	Carotid Intima-Media Thickness Percentiles in Adolescence and Young Adulthood and Their Association With Obesity and Hypertensive Blood Pressure in a Population Cohort. <i>Hypertension</i> , 2022, 79, 1167-1176.	2.7	18
7	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.	0.5	17
8	Diagnosing Overtraining Syndrome: A Scoping Review. <i>Sports Health</i> , 2022, 14, 665-673.	2.7	17
9	Metabolic View on Human Healthspan: A Lipidome-Wide Association Study. <i>Metabolites</i> , 2021, 11, 287.	2.9	16
10	Short- and Long-Term Effects of Bariatric Surgery on Vascular Phenotype. <i>Obesity Surgery</i> , 2019, 29, 1301-1308.	2.1	14
11	Association of cardiorespiratory fitness with retinal vessel diameters as a biomarker of cardiovascular risk. <i>Microvascular Research</i> , 2018, 120, 36-40.	2.5	10
12	The Obesity Factor: How Cardiorespiratory Fitness is Estimated More Accurately in People with Obesity. <i>Obesity</i> , 2018, 26, 291-298.	3.0	9
13	Mediating effects of exercise capacity on the association between physical activity and healthâ€‘related quality of life among adolescents with complex congenital heart disease. <i>American Journal of Human Biology</i> , 2019, 31, e23297.	1.6	9
14	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.	2.7	9
15	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.	1.7	9
16	Verification-phase tests show low reliability and add little value in determining $\dot{V}\ddot{O}_2\text{max}$ in young trained adults. <i>PLoS ONE</i> , 2021, 16, e0245306.	2.5	8
17	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.	1.5	7
18	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.	2.9	5

#	ARTICLE	IF	CITATIONS
19	Composite Measures of Physical Fitness to Discriminate Between Healthy Aging and Heart Failure: The COmplete Study. <i>Frontiers in Physiology</i> , 2020, 11, 596240.	2.8	5
20	The Metabolic Signature of Cardiorespiratory Fitness: A Systematic Review. <i>Sports Medicine</i> , 2022, 52, 527-546.	6.5	5
21	Exercise and Carotid Properties in the Youngâ€“The KiGGS-2 Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 767025.	2.4	5
22	Cardiorespiratory Fitness and Endothelial Function in Aging Healthy Subjects and Patients With Cardiovascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 870847.	2.4	5
23	Does obesity attenuate the beneficial cardiovascular effects of cardiorespiratory fitness?. <i>Atherosclerosis</i> , 2018, 272, 21-26.	0.8	4
24	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.	1.3	3
25	Morning bright light exposure has no influence on self-chosen exercise intensity and mood in overweight individuals â€“ A randomized controlled trial. <i>Chronobiology International</i> , 2018, 35, 477-485.	2.0	2
26	Is atopic sensitization associated with indicators of early vascular ageing in adolescents?. <i>PLoS ONE</i> , 2019, 14, e0220198.	2.5	1