Clemens Drenowatz

List of Publications by Year
in descending order

79 papers	1,567 citations	361045 20 h-index	344852 36 g-index
80 all docs	80 docs citations	80 times ranked	2905 citing authors

#	Article	IF	Citations
1	Influence of socio-economic status on habitual physical activity and sedentary behavior in 8- to 11-year old children. BMC Public Health, 2010, 10, 214.	1.2	176
2	Anti-inflammatory Dietary Inflammatory Index scores are associated with healthier scores on other dietary indices. Nutrition Research, 2016, 36, 214-219.	1.3	121
3	Physical activity and sarcopenic obesity: definition, assessment, prevalence and mechanism. Future Science OA, 2016, 2, FSO127.	0.9	117
4	Low levels of physical activity are associated with dysregulation of energy intake and fat mass gain over 1 year. American Journal of Clinical Nutrition, 2015, 102, 1332-1338.	2.2	116
5	Validation of the SenseWear Armband at high intensity exercise. European Journal of Applied Physiology, 2011, 111, 883-887.	1.2	103
6	The independent association between diet quality and body composition. Scientific Reports, 2014, 4, 4928.	1.6	53
7	Reciprocal Compensation to Changes in Dietary Intake and Energy Expenditure within the Concept of Energy Balance. Advances in Nutrition, 2015, 6, 592-599.	2.9	50
8	Objectively determined physical activity levels of primary school children in south-west Germany. BMC Public Health, 2013, 13, 895.	1.2	44
9	Persistence of social jetlag and sleep disruption in healthy young adults. Chronobiology International, 2018, 35, 312-328.	0.9	40
10	Maturityâ€related differences in physical activity among 10â€to 12â€yearâ€old girls. American Journal of Human Biology, 2010, 22, 18-22.	0.8	38
11	The Association of Physical Activity during Weekdays and Weekend with Body Composition in Young Adults. Journal of Obesity, 2016, 2016, 1-8.	1.1	32
12	Energy Intake Derived from an Energy Balance Equation, Validated Activity Monitors, and Dual X-Ray Absorptiometry Can Provide Acceptable Caloric Intake Data among Young Adults. Journal of Nutrition, 2018, 148, 490-496.	1.3	31
13	Effects of moderate and vigorous physical activity on fitness and body composition. Journal of Behavioral Medicine, 2016, 39, 624-632.	1.1	30
14	Association between Club Sports Participation and Physical Fitness across 6- to 14-Year-Old Austrian Youth. International Journal of Environmental Research and Public Health, 2019, 16, 3392.	1.2	29
15	Change in energy expenditure and physical activity in response to aerobic and resistance exercise programs. SpringerPlus, 2015, 4, 798.	1.2	27
16	Organized Sports, Overweight, and Physical Fitness in Primary School Children in Germany. Journal of Obesity, 2013, 2013, 1-7.	1.1	26
17	The association between resistance exercise and cardiovascular disease risk in women. Journal of Science and Medicine in Sport, 2015, 18, 632-636.	0.6	26
18	Crossâ€sectional and longitudinal association of sports participation, media consumption and motor competence in youth. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 854-861.	1.3	26

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19	Energy expenditure and dietary intake during high-volume and low-volume training periods among male endurance athletes. Applied Physiology, Nutrition and Metabolism, 2012, 37, 199-205.	0.9	25
20	Monitoring Energy Expenditure Using a Multi-Sensor Deviceâ€"Applications and Limitations of the SenseWear Armband in Athletic Populations. Frontiers in Physiology, 2017, 8, 983.	1.3	24
21	Integrated Role of Nutrition and Physical Activity for Lifelong Health. Nutrients, 2019, 11, 1437.	1.7	22
22	The association of change in physical activity and body weight in the regulation of total energy expenditure. European Journal of Clinical Nutrition, 2017, 71, 377-382.	1.3	21
23	Bidirectional association between weight status and motor skills in adolescents. Wiener Klinische Wochenschrift, 2018, 130, 314-320.	1.0	21
24	Management of Childhood Obesityâ€"Time to Shift from Generalized to Personalized Intervention Strategies. Nutrients, 2021, 13, 1200.	1.7	21
25	Biological maturation and physical activity in adolescent British females: The roles of physical self-concept and perceived parental support. Psychology of Sport and Exercise, 2013, 14, 447-454.	1.1	18
26	Correlates of habitual physical activity and organized sports in German primary school children. Public Health, 2015, 129, 237-243.	1.4	18
27	Cross-sectional and longitudinal associations between different exercise types and food cravings in free-living healthy young adults. Appetite, 2017, 118, 82-89.	1.8	17
28	Differences in correlates of energy balance in normal weight, overweight and obese adults. Obesity Research and Clinical Practice, 2015, 9, 592-602.	0.8	16
29	Differences in energy expenditure between highâ€•and lowâ€•volume training. European Journal of Sport Science, 2013, 13, 422-430.	1.4	15
30	The association between different types of exercise and energy expenditure in young nonoverweight and overweight adults. Applied Physiology, Nutrition and Metabolism, 2015, 40, 211-217.	0.9	15
31	Health Behaviors of Austrian Secondary Level Pupils at a Glance: First Results of the From Science 2 School Study Focusing on Sports Linked to Mixed, Vegetarian, and Vegan Diets. International Journal of Environmental Research and Public Health, 2021, 18, 12782.	1.2	15
32	Interaction of sedentary behaviour, sports participation and fitness with weight status in elementary school children. European Journal of Sport Science, 2014, 14, 100-105.	1.4	14
33	The Prospective Association between Different Types of Exercise and Body Composition. Medicine and Science in Sports and Exercise, 2015, 47, 2535-2541.	0.2	14
34	Parental Characteristics Have a Larger Effect on Children's Health Behaviour than Their Body Weight. Obesity Facts, 2014, 7, 388-398.	1.6	13
35	Prospective association between body composition, physical activity and energy intake in young adults. European Journal of Clinical Nutrition, 2016, 70, 482-487.	1.3	13
36	Physical Fitness in Upper Austrian Children Living in Urban and Rural Areas: A Cross-Sectional Analysis with More Than 18,000 Children. International Journal of Environmental Research and Public Health, 2020, 17, 1045.	1.2	13

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37	Development of physical fitness in Austrian primary school children. Wiener Klinische Wochenschrift, 2018, 130, 321-327.	1.0	12
38	The Influence of Life Events and Psychological Stress on Objectively Measured Physical Activity: A 12-Month Longitudinal Study. Journal of Physical Activity and Health, 2018, 15, 374-382.	1.0	11
39	Longâ€term effect of migration background on the development of physical fitness among primary school children. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 124-131.	1.3	11
40	Joint association of physical activity/screen time and diet on CVD risk factors in 10-year-old children. Frontiers of Medicine, 2012, 6, 428-435.	1.5	10
41	Correlates of weight gain in German children attending elementary school. Preventive Medicine, 2013, 57, 310-314.	1.6	10
42	Relationship of parental health-related behaviours and physical fitness in girls and boys. Zeitschrift Fur Gesundheitswissenschaften, 2014, 22, 407-414.	0.8	10
43	Wrist-Based Accelerometer Cut-Points to Identify Sedentary Time in 5â€“11-Year-Old Children. Children, 2018, 5, 137.	0.6	9
44	Effects of a Teacher-Centred, School-Based Intervention Program on Health Behavior and Cardiovascular Disease Risk in Elementary School Children. , 2013, 2013, 1-8.		8
45	Association between cardiorespiratory fitness and submaximal systolic blood pressure among young adult men. Journal of Hypertension, 2015, 33, 2239-2244.	0.3	8
46	Health Behaviors of Austrian Secondary School Teachers and Principals at a Glance: First Results of the From Science 2 School Study Focusing on Sports Linked to Mixed, Vegetarian, and Vegan Diets. Nutrients, 2022, 14, 1065.	1.7	8
47	Association of Sports Participation and Diet with Motor Competence in Austrian Middle School Students. Nutrients, 2018, 10, 1837.	1.7	6
48	Intervention Strategies for the Promotion of Physical Activity in Youth. Deutsche Zeitschrift Fur Sportmedizin, 2013, 2013, 170-175.	0.2	6
49	Reliability of International Fitness Scale (IFIS) in Chinese Children and Adolescents. Children, 2022, 9, 531.	0.6	6
50	Relation of Body's Lean Mass, Fat Mass, and Body MassÂIndex With Submaximal Systolic Blood Pressure inÂYoung Adult Men. American Journal of Cardiology, 2016, 117, 394-398.	0.7	5
51	Changes in Physical Fitness during Summer Months and the School Year in Austrian Elementary School Childrenâ€”A 4-Year Longitudinal Study. International Journal of Environmental Research and Public Health, 2021, 18, 6920.	1.2	4
52	The Role of Energy Flux in Weight Management. Exercise Medicine, 0, 1, 4.	0.0	4
53	The association between sedentary behaviors during weekdays and weekend with change in body composition in young adults. AIMS Public Health, 2016, 3, 375-388.	1.1	4
54	Expansion of Stodden et al.â€™s Model. Sports Medicine, 2022, 52, 679-683.	3.1	4

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55	Self-Rated Health Status of Upper Secondary School Pupils and Its Associations with Multiple Health-Related Factors. International Journal of Environmental Research and Public Health, 2022, 19, 6947.	1.2	4
56	The Role of Compensatory Adaptations and Individual Variability in Exercise Prescription. Journal of Functional Morphology and Kinesiology, 2016, 1, 230-239.	1.1	3
57	Is nutrient intake associated with physical activity levels in healthy young adults?. Public Health Nutrition, 2016, 19, 1983-1989.	1.1	3
58	Fitness trend analysis in male Austrian middle and high school students from 1975 to 2010. Current Issues in Sport Science, 0, 6, 007.	0.1	3
59	Relative Age Effect in Physical Fitness during the Elementary School Years. Pediatric Reports, 2021, 13, 322-333.	0.5	3
60	Association of Body Weight and Physical Fitness during the Elementary School Years. International Journal of Environmental Research and Public Health, 2022, 19, 3441.	1.2	3
61	Physical activity, eating traits and weight in young adulthood: a crossâ€sectional and longitudinal study. Obesity Science and Practice, 2017, 3, 59-68.	1.0	1
62	Psychosocial Determinants of Weight Loss Among Young Adults With Overweight and Obesity. Journal of Cardiopulmonary Rehabilitation and Prevention, 2018, 38, 104-110.	1.2	1
63	Energy Balance and the association between energy expenditure and dietary intake. Journal of Behavioral Health, 2012, 1, 315.	0.1	1
64	Association between Active Transportation and Public Transport with an Objectively Measured Meeting of Moderate-to-Vigorous Physical Activity and Daily Steps Guidelines in Adults by Sex from Eight Latin American Countries. International Journal of Environmental Research and Public Health, 2021, 18, 11553.	1.2	1
65	Does Changing the Classroom Environment alter Physical Activity and Sedentary Behavior in Children?. Medicine and Science in Sports and Exercise, 2011, 43, 294.	0.2	0
66	Estimating Individual Rates of Weight Change in Healthy Young Adults. Medicine and Science in Sports and Exercise, 2015, 47, 859-860.	0.2	0
67	Is Nutrient Adequacy Linked to Physical Activity Level in Healthy Young Adults?. Medicine and Science in Sports and Exercise, 2015, 47, 486.	0.2	0
68	Variations Of Resting Metabolic Rate By Bmi Category Among Adults. Medicine and Science in Sports and Exercise, 2015, 47, 643.	0.2	0
69	Body Image Perception Differs Between Sex and Fitness Classification. Medicine and Science in Sports and Exercise, 2015, 47, 513-514.	0.2	0
70	The Association Of Changes In Physical Activity And Body Composition With Systolic Blood Pressure. Medicine and Science in Sports and Exercise, 2016, 48, 224.	0.2	0
71	Cardiorespiratory Fitness, Body Fatness, and Submaximal Systolic Blood Pressure Among Young Adult Women. Journal of Women's Health, 2016, 25, 897-903.	1.5	0
72	Differences In Peak Mets Calculated Using Standard Mets Or Rmr In Normal And Overweight/obese Adults. Medicine and Science in Sports and Exercise, 2016, 48, 546.	0.2	0

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73	Alterations in Physical Activity Offset Changes in Energy Flux with Weight Change. Medicine and Science in Sports and Exercise, 2016, 48, 216.	0.2	0
74	The Obesities. American Journal of Lifestyle Medicine, 2016, 10, 97-99.	0.8	0
75	Association of Exercise with Control of Eating and Energy Intake. Current Addiction Reports, 2019, 6, 210-217.	1.6	0
76	Influence Of Socio-economic Status On Habitual Physical Activity In 8- To 10-year-old Children. Medicine and Science in Sports and Exercise, 2009, 41, 541-542.	0.2	0
77	Changes in Diet and Physical Activity Affect Body Composition rather than Body Weight. Medicine and Science in Sports and Exercise, 2014, 46, 770.	0.2	0
78	Evaluation Of Energy Intake At A Range Of Energy Flux Derived From Self-report, Doubly Labeled Water, And Activity Monitors. Medicine and Science in Sports and Exercise, 2016, 48, 550.	0.2	0
79	Association between Weight Fluctuation and Fitness Level in Young Adults over One Year. Medicine and Science in Sports and Exercise, 2016, 48, 217-218.	0.2	0