

Kurt Widhalm

List of Publications by Year in descending order

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58
papers

1,537
citations

411340

20
h-index

388640

36
g-index

62
all docs

62
docs citations

62
times ranked

3464
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between dietary inflammatory index and inflammatory markers in the HELENA study. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600707.	1.5	297
2	Cardiorespiratory fitness and ideal cardiovascular health in European adolescents. <i>Heart</i> , 2015, 101, 766-773.	1.2	79
3	Physical Activity Is Associated with Attention Capacity in Adolescents. <i>Journal of Pediatrics</i> , 2016, 168, 126-131.e2.	0.9	65
4	Self-reported sleep duration, white blood cell counts and cytokine profiles in European adolescents: the HELENA study. <i>Sleep Medicine</i> , 2014, 15, 1251-1258.	0.8	62
5	Modification and Validation of the Triglyceride-to-HDL Cholesterol Ratio as a Surrogate of Insulin Sensitivity in White Juveniles and Adults without Diabetes Mellitus: The Single Point Insulin Sensitivity Estimator (SPISE). <i>Clinical Chemistry</i> , 2016, 62, 1211-1219.	1.5	61
6	Physical activity, sedentary time, TV viewing, physical fitness and cardiovascular disease risk in adolescents: The HELENA study. <i>International Journal of Cardiology</i> , 2018, 254, 303-309.	0.8	61
7	Prevalence of Metabolically Healthy but Overweight/Obese Phenotype and Its Association With Sedentary Time, Physical Activity, and Fitness. <i>Journal of Adolescent Health</i> , 2017, 61, 107-114.	1.2	55
8	Sudden Death in a 4-Year-Old Boy: A Near-Complete Occlusion of the Coronary Artery Caused by an Aggressive Low-Density Lipoprotein Receptor Mutation (W556R) in Homozygous Familial Hypercholesterolemia. <i>Journal of Pediatrics</i> , 2011, 158, 167.	0.9	50
9	Correlates of dietary energy misreporting among European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>British Journal of Nutrition</i> , 2016, 115, 1439-1452.	1.2	47
10	Body Composition Indices and Single and Clustered Cardiovascular Disease Risk Factors in Adolescents: Providing Clinical-Based Cut-Points. <i>Progress in Cardiovascular Diseases</i> , 2016, 58, 555-564.	1.6	46
11	Fragmentation of daily rhythms associates with obesity and cardiorespiratory fitness in adolescents: The HELENA study. <i>Clinical Nutrition</i> , 2017, 36, 1558-1566.	2.3	35
12	Estimated dietary intake of polyphenols in European adolescents: the HELENA study. <i>European Journal of Nutrition</i> , 2019, 58, 2345-2363.	1.8	35
13	Prevalence of ideal cardiovascular health in European adolescents: The HELENA study. <i>International Journal of Cardiology</i> , 2017, 240, 428-432.	0.8	34
14	Mediation of psychosocial determinants in the relation between socio-economic status and adolescents' diet quality. <i>European Journal of Nutrition</i> , 2018, 57, 951-963.	1.8	30
15	Relative validation of the adapted Mediterranean Diet Score for Adolescents by comparison with nutritional biomarkers and nutrient and food intakes: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>Public Health Nutrition</i> , 2019, 22, 2381-2397.	1.1	29
16	Muscle strength field-based tests to identify European adolescents at risk of metabolic syndrome: The HELENA study. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 929-934.	0.6	29
17	Adherence to the Mediterranean diet in metabolically healthy and unhealthy overweight and obese European adolescents: the HELENA study. <i>European Journal of Nutrition</i> , 2019, 58, 2615-2623.	1.8	28
18	Bariatric surgery in morbidly obese adolescents: long-term follow-up. <i>Pediatric Obesity</i> , 2011, 6, 65-69.	3.2	25

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19	Bariatric surgery in morbidly obese adolescents: A 4-year follow-up of ten patients. <i>Pediatric Obesity</i> , 2008, 3, 78-82.	3.2	23
20	Polyphenol intake and metabolic syndrome risk in European adolescents: the HELENA study. <i>European Journal of Nutrition</i> , 2020, 59, 801-812.	1.8	23
21	Fitness and fatness in relation with attention capacity in European adolescents: The HELENA study. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 373-379.	0.6	22
22	Dietary Patterns in European and Brazilian Adolescents: Comparisons and Associations with Socioeconomic Factors. <i>Nutrients</i> , 2018, 10, 57.	1.7	22
23	Psychosocial stress and inflammation driving tryptophan breakdown in children and adolescents: A cross-sectional analysis of two cohorts. <i>Psychoneuroendocrinology</i> , 2018, 94, 104-111.	1.3	22
24	Diet as moderator in the association of adiposity with inflammatory biomarkers among adolescents in the HELENA study. <i>European Journal of Nutrition</i> , 2019, 58, 1947-1960.	1.8	22
25	Diet quality and attention capacity in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>British Journal of Nutrition</i> , 2017, 117, 1587-1595.	1.2	21
26	High fat diets are associated with higher abdominal adiposity regardless of physical activity in adolescents; the HELENA study. <i>Clinical Nutrition</i> , 2014, 33, 859-866.	2.3	20
27	Physical activity, sedentary time, and liver enzymes in adolescents: the HELENA study. <i>Pediatric Research</i> , 2014, 75, 798-802.	1.1	20
28	Skipping breakfast is associated with adiposity markers especially when sleep time is adequate in adolescents. <i>Scientific Reports</i> , 2019, 9, 6380.	1.6	20
29	Homozygous familial hypercholesterolemia: Summarized case reports. <i>Atherosclerosis</i> , 2017, 257, 86-89.	0.4	18
30	Diet as a moderator in the association of sedentary behaviors with inflammatory biomarkers among adolescents in the HELENA study. <i>European Journal of Nutrition</i> , 2019, 58, 2051-2065.	1.8	17
31	Development of a Genetic Risk Score to predict the risk of overweight and obesity in European adolescents from the HELENA study. <i>Scientific Reports</i> , 2021, 11, 3067.	1.6	17
32	Interplay between the Mediterranean diet and C-reactive protein genetic polymorphisms towards inflammation in adolescents. <i>Clinical Nutrition</i> , 2020, 39, 1919-1926.	2.3	16
33	Brown adipose tissue estimated with the magnetic resonance imaging fat fraction is associated with glucose metabolism in adolescents. <i>Pediatric Obesity</i> , 2019, 14, e12531.	1.4	13
34	Amino acids intake and physical fitness among adolescents. <i>Amino Acids</i> , 2017, 49, 1041-1052.	1.2	12
35	Healthy eating determinants and dietary patterns in European adolescents: the HELENA study. <i>Child and Adolescent Obesity</i> , 2019, 2, 18-39.	1.3	12
36	Socioeconomic factors are associated with folate and vitamin B12 intakes and related biomarkers concentrations in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>Nutrition Research</i> , 2014, 34, 199-209.	1.3	11

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37	Ideal cardiovascular health and liver enzyme levels in European adolescents; the HELENA study. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 225-234.	1.3	11
38	Foods contributing to vitamin B6, folate, and vitamin B12 intakes and biomarkers status in European adolescents: The HELENA study. <i>European Journal of Nutrition</i> , 2017, 56, 1767-1782.	1.8	10
39	Relationship between school rhythm and physical activity in adolescents: the HELENA study. <i>Journal of Sports Sciences</i> , 2017, 35, 1666-1673.	1.0	10
40	How do energy balance-related behaviors cluster in adolescents?. <i>International Journal of Public Health</i> , 2019, 64, 195-208.	1.0	9
41	Free Sugar Consumption and Obesity in European Adolescents: The HELENA Study. <i>Nutrients</i> , 2020, 12, 3747.	1.7	9
42	Total Polyphenol Intake Is Inversely Associated with a Pro/Anti-Inflammatory Biomarker Ratio in European Adolescents of the HELENA Study. <i>Journal of Nutrition</i> , 2020, 150, 1610-1618.	1.3	9
43	Mediterranean Diet, Screen-Time-Based Sedentary Behavior and Their Interaction Effect on Adiposity in European Adolescents: The HELENA Study. <i>Nutrients</i> , 2021, 13, 474.	1.7	9
44	Breastfeeding attenuates the effect of low birthweight on abdominal adiposity in adolescents: the HELENA study. <i>Maternal and Child Nutrition</i> , 2015, 11, 1036-1040.	1.4	8
45	The Association between Portion Sizes from High-Energy-Dense Foods and Body Composition in European Adolescents: The HELENA Study. <i>Nutrients</i> , 2021, 13, 954.	1.7	8
46	Breakfast Dietary Pattern Is Inversely Associated with Overweight/Obesity in European Adolescents: The HELENA Study. <i>Children</i> , 2021, 8, 1044.	0.6	8
47	Cardiorespiratory fitness, waist circumference and liver enzyme levels in European adolescents: The HELENA cross-sectional study. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 932-936.	0.6	7
48	Measuring nutritional knowledge using Item Response Theory and its validity in European adolescents. <i>Public Health Nutrition</i> , 2019, 22, 419-430.	1.1	7
49	Dietary sources and sociodemographic and lifestyle factors affecting vitamin D and calcium intakes in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) Study. <i>Public Health Nutrition</i> , 2017, 20, 1593-1601.	1.1	6
50	Attention capacity in European adolescents: role of different health-related factors. The HELENA study. <i>European Journal of Pediatrics</i> , 2017, 176, 1433-1437.	1.3	4
51	25-hydroxyvitamin D is differentially associated with calcium intakes of Northern, Central, and Southern European adolescents: Results from the HELENA study. <i>Nutrition</i> , 2017, 36, 22-25.	1.1	4
52	Early life programming of attention capacity in adolescents: The HELENA study. <i>Maternal and Child Nutrition</i> , 2018, 14, .	1.4	4
53	Do dietary patterns determine levels of vitamin B6, folate, and vitamin B12 intake and corresponding biomarkers in European adolescents? The Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>Nutrition</i> , 2018, 50, 8-17.	1.1	4
54	Dietary Patterns and Their Relationship With the Perceptions of Healthy Eating in European Adolescents: The HELENA Study. <i>Journal of the American College of Nutrition</i> , 2019, 38, 703-713.	1.1	4

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55	Are Physical Activity and Sedentary Screen Time Levels Associated With Food Consumption in European Adolescents? The HELENA Study. , 2022, , 1-12.		2
56	Adolescentsâ€™ dietary polyphenol intake in relation to serum total antioxidant capacity: the HELENA study. International Journal of Food Sciences and Nutrition, 2021, , 1-11.	1.3	1
57	Genetic background of obesity. Pediatric Research, 2021, 89, 1584-1585.	1.1	1
58	Obesity in children/adolescents Editorial CHAO. Child and Adolescent Obesity, 2022, 5, 1-2.	1.3	0