Kurt Widhalm

List of Publications by Year
in descending order

58 papers	1,537 citations	361413 20 h-index	345221 36 g-index
62 all docs	62 docs citations	62 times ranked	3256 citing authors

#	Article	IF	Citations
1	Association between dietary inflammatory index and inflammatory markers in the HELENA study. Molecular Nutrition and Food Research, 2017, 61, 1600707.	3.3	297
2	Cardiorespiratory fitness and ideal cardiovascular health in European adolescents. Heart, 2015, 101, 766-773.	2.9	79
3	Physical Activity Is Associated with Attention Capacity in Adolescents. Journal of Pediatrics, 2016, 168, 126-131.e2.	1.8	65
4	Self-reported sleep duration, white blood cell counts and cytokine profiles in European adolescents: the HELENA study. Sleep Medicine, 2014, 15, 1251-1258.	1.6	62
5	Modification and Validation of the Triglyceride-toâ€"HDL Cholesterol Ratio as a Surrogate of Insulin Sensitivity in White Juveniles and Adults without Diabetes Mellitus: The Single Point Insulin Sensitivity Estimator (SPISE). Clinical Chemistry, 2016, 62, 1211-1219.	3.2	61
6	Physical activity, sedentary time, TV viewing, physical fitness and cardiovascular disease risk in adolescents: The HELENA study. International Journal of Cardiology, 2018, 254, 303-309.	1.7	61
7	Prevalence of Metabolically Healthy but Overweight/Obese Phenotype and Its Association With Sedentary Time, Physical Activity, and Fitness. Journal of Adolescent Health, 2017, 61, 107-114.	2.5	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. Journal of Pediatrics, 2011, 158, 167.	1.8	50
9	Correlates of dietary energy misreporting among European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. British Journal of Nutrition, 2016, 115, 1439-1452.	2.3	47
10	Body Composition Indices and Single and Clustered Cardiovascular Disease Risk Factors in Adolescents: Providing Clinical-Based Cut-Points. Progress in Cardiovascular Diseases, 2016, 58, 555-564.	3.1	46
11	Fragmentation of daily rhythms associates with obesity and cardiorespiratory fitness in adolescents: The HELENA study. Clinical Nutrition, 2017, 36, 1558-1566.	5.0	35
12	Estimated dietary intake of polyphenols in European adolescents: the HELENA study. European Journal of Nutrition, 2019, 58, 2345-2363.	3.9	35
13	Prevalence of ideal cardiovascular health in European adolescents: The HELENA study. International Journal of Cardiology, 2017, 240, 428-432.	1.7	34
14	Mediation of psychosocial determinants in the relation between socio-economic status and adolescentsâ€™ diet quality. European Journal of Nutrition, 2018, 57, 951-963.	3.9	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. Public Health Nutrition, 2019, 22, 2381-2397.	2.2	29
16	Muscle strength field-based tests to identify European adolescents at risk of metabolic syndrome: The HELENA study. Journal of Science and Medicine in Sport, 2019, 22, 929-934.	1.3	29
17	Adherence to the Mediterranean diet in metabolically healthy and unhealthy overweight and obese European adolescents: the HELENA study. European Journal of Nutrition, 2019, 58, 2615-2623.	3.9	28
18	Bariatric surgery in morbidly obese adolescents: long-term follow-up. Pediatric Obesity, 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. Pediatric Obesity, 2008, 3, 78-82.	3.2	23
20	Polyphenol intake and metabolic syndrome risk in European adolescents: the HELENA study. European Journal of Nutrition, 2020, 59, 801-812.	3.9	23
21	Fitness and fatness in relation with attention capacity in European adolescents: The HELENA study. Journal of Science and Medicine in Sport, 2017, 20, 373-379.	1.3	22
22	Dietary Patterns in European and Brazilian Adolescents: Comparisons and Associations with Socioeconomic Factors. Nutrients, 2018, 10, 57.	4.1	22
23	Psychosocial stress and inflammation driving tryptophan breakdown in children and adolescents: A cross-sectional analysis of two cohorts. Psychoneuroendocrinology, 2018, 94, 104-111.	2.7	22
24	Diet as moderator in the association of adiposity with inflammatory biomarkers among adolescents in the HELENA study. European Journal of Nutrition, 2019, 58, 1947-1960.	3.9	22
25	Diet quality and attention capacity in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. British Journal of Nutrition, 2017, 117, 1587-1595.	2.3	21
26	High fat diets are associated with higher abdominal adiposity regardless of physical activity in adolescents; the HELENA study. Clinical Nutrition, 2014, 33, 859-866.	5.0	20
27	Physical activity, sedentary time, and liver enzymes in adolescents: the HELENA study. Pediatric Research, 2014, 75, 798-802.	2.3	20
28	Skipping breakfast is associated with adiposity markers especially when sleep time is adequate in adolescents. Scientific Reports, 2019, 9, 6380.	3.3	20
29	Homozygous familial hypercholesterolemia: Summarized case reports. Atherosclerosis, 2017, 257, 86-89.	0.8	18
30	Diet as a moderator in the association of sedentary behaviors with inflammatory biomarkers among adolescents in the HELENA study. European Journal of Nutrition, 2019, 58, 2051-2065.	3.9	17
31	Development of a Genetic Risk Score to predict the risk of overweight and obesity in European adolescents from the HELENA study. Scientific Reports, 2021, 11, 3067.	3.3	17
32	Interplay between the Mediterranean diet and C-reactive protein genetic polymorphisms towards inflammation in adolescents. Clinical Nutrition, 2020, 39, 1919-1926.	5.0	16
33	Brown adipose tissue estimated with the magnetic resonance imaging fat fraction is associated with glucose metabolism in adolescents. Pediatric Obesity, 2019, 14, e12531.	2.8	13
34	Amino acids intake and physical fitness among adolescents. Amino Acids, 2017, 49, 1041-1052.	2.7	12
35	Healthy eating determinants and dietary patterns in European adolescents: the HELENA study. Child and Adolescent Obesity, 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. Nutrition Research, 2014, 34, 199-209.	2.9	11

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37	Ideal cardiovascular health and liver enzyme levels in European adolescents; the HELENA study. Journal of Physiology and Biochemistry, 2017, 73, 225-234.	3.0	11
38	Foods contributing to vitamin B6, folate, and vitamin B12 intakes and biomarkers status in European adolescents: The HELENA study. European Journal of Nutrition, 2017, 56, 1767-1782.	3.9	10
39	Relationship between school rhythm and physical activity in adolescents: the HELENA study. Journal of Sports Sciences, 2017, 35, 1666-1673.	2.0	10
40	How do energy balance-related behaviors cluster in adolescents?. International Journal of Public Health, 2019, 64, 195-208.	2.3	9
41	Free Sugar Consumption and Obesity in European Adolescents: The HELENA Study. Nutrients, 2020, 12, 3747.	4.1	9
42	Total Polyphenol Intake Is Inversely Associated with a Pro/Anti-Inflammatory Biomarker Ratio in European Adolescents of the HELENA Study. Journal of Nutrition, 2020, 150, 1610-1618.	2.9	9
43	Mediterranean Diet, Screen-Time-Based Sedentary Behavior and Their Interaction Effect on Adiposity in European Adolescents: The HELENA Study. Nutrients, 2021, 13, 474.	4.1	9
44	Breastfeeding attenuates the effect of low birthweight on abdominal adiposity in adolescents: the <scp>HELENA</scp> study. Maternal and Child Nutrition, 2015, 11, 1036-1040.	3.0	8
45	The Association between Portion Sizes from High-Energy-Dense Foods and Body Composition in European Adolescents: The HELENA Study. Nutrients, 2021, 13, 954.	4.1	8
46	Breakfast Dietary Pattern Is Inversely Associated with Overweight/Obesity in European Adolescents: The HELENA Study. Children, 2021, 8, 1044.	1.5	8
47	Cardiorespiratory fitness, waist circumference and liver enzyme levels in European adolescents: The HELENA cross-sectional study. Journal of Science and Medicine in Sport, 2017, 20, 932-936.	1.3	7
48	Measuring nutritional knowledge using Item Response Theory and its validity in European adolescents. Public Health Nutrition, 2019, 22, 419-430.	2.2	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. Public Health Nutrition, 2017, 20, 1593-1601.	2.2	6
50	Attention capacity in European adolescents: role of different health-related factors. The HELENA study. European Journal of Pediatrics, 2017, 176, 1433-1437.	2.7	4
51	25-hydroxyvitamin D is differentially associated with calcium intakes of Northern, Central, and Southern European adolescents: Results from the HELENA study. Nutrition, 2017, 36, 22-25.	2.4	4
52	Early life programming of attention capacity in adolescents: The HELENA study. Maternal and Child Nutrition, 2018, 14, .	3.0	4
53	Do dietary patterns determine levels of vitamin B 6 , folate, and vitamin B 12 intake and corresponding biomarkers in European adolescents? The Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. Nutrition, 2018, 50, 8-17.	2.4	4
54	Dietary Patterns and Their Relationship With the Perceptions of Healthy Eating in European Adolescents: The HELENA Study. Journal of the American College of Nutrition, 2019, 38, 703-713.	1.8	4

#	Article	IF	Citations
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.	2.8	1
57	Genetic background of obesity. Pediatric Research, 2021, 89, 1584-1585.	2.3	1
58	Obesity in children/adolescents | Editorial CHAO. Child and Adolescent Obesity, 2022, 5, 1-2.	1.3	0