

Laurent R Beghin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187 papers	6,014 citations	41 h-index	69 g-index
204 ext. papers	6,956 ext. citations	3.8 avg, IF	4.89 L-index

#	Paper	IF	Citations
187	Social Environment and Food and Beverage Intake in European Adolescents: The Helena Study. 2022 , 1-13		
186	Identification of Lifestyle Risk Factors in Adolescence Influencing Cardiovascular Health in Young Adults: The BELINDA Study. <i>Nutrients</i> , 2022 , 14, 2089	6.7	0
185	High Fructose Intake Contributes to Elevated Diastolic Blood Pressure in Adolescent Girls: Results from The HELENA Study. <i>Nutrients</i> , 2021 , 13,	6.7	3
184	Interplay of physical activity and genetic variants of the endothelial lipase on cardiovascular disease risk factors. <i>Pediatric Research</i> , 2021 ,	3.2	1
183	Factors Associated with Asthma Severity in Children: Data from the French COBRAPed Cohort. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 1969-1979	5.4	2
182	School time is associated with cardiorespiratory fitness in adolescents: The HELENA study. <i>Journal of Sports Sciences</i> , 2021 , 39, 2068-2072	3.6	0
181	Fermented infant formula (with Bifidobacterium breve C50 and Streptococcus thermophilus O65) with prebiotic oligosaccharides is safe and modulates the gut microbiota towards a microbiota closer to that of breastfed infants. <i>Clinical Nutrition</i> , 2021 , 40, 778-787	5.9	17
180	Cardiometabolic Risk is Positively Associated with Underreporting and Inversely Associated with Overreporting of Energy Intake Among European Adolescents: The Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) Study. <i>Journal of Nutrition</i> , 2021 , 151, 675-684	4.1	1
179	Impact of early life nutrition on gut health in children: a prospective clinical study. <i>BMJ Open</i> , 2021 , 11, e050432	3	0
178	Daily physical activity patterns in children and adolescents with inflammatory bowel disease. <i>Pediatric Research</i> , 2021 , 90, 847-852	3.2	1
177	Free Sugar Consumption and Obesity in European Adolescents: The HELENA Study. <i>Nutrients</i> , 2020 , 12,	6.7	5
176	Severe preschool asthmatics have altered cytokine and anti-viral responses during exacerbation. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 651-661	4.2	3
175	Association between CNTF Polymorphisms and Adiposity Markers in European Adolescents. <i>Journal of Pediatrics</i> , 2020 , 219, 23-30.e1	3.6	2
174	Relationship between immune parameters during a severe exacerbation in allergic asthmatic children and asthma outcomes in the following year. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 406-411	4.1	2
173	Influence of meteorological conditions on physical activity in adolescents. <i>Journal of Epidemiology and Community Health</i> , 2020 , 74, 395-400	5.1	5
172	Association between lipoprotein lipase gene polymorphisms and cardiovascular disease risk factors in European adolescents: The Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>Pediatric Diabetes</i> , 2020 , 21, 747-757	3.6	1
171	Interaction Effect of the Mediterranean Diet and an Obesity Genetic Risk Score on Adiposity and Metabolic Syndrome in Adolescents: The HELENA Study. <i>Nutrients</i> , 2020 , 12,	6.7	2

170	Physical activity is associated with improved bone health in children with inflammatory bowel disease. <i>Clinical Nutrition</i> , 2020 , 39, 1793-1798	5.9	8
169	Gender influences physical activity changes during adolescence: The HELENA study. <i>Clinical Nutrition</i> , 2019 , 38, 2900-2905	5.9	7
168	Healthy eating determinants and dietary patterns in European adolescents: the HELENA study. <i>Child and Adolescent Obesity</i> , 2019 , 2, 18-39	1.1	5
167	Comparison and validation of accelerometer wear time and non-wear time algorithms for assessing physical activity levels in children and adolescents. <i>BMC Medical Research Methodology</i> , 2019 , 19, 72	4.7	12
166	Growth, stool consistency and bone mineral content in healthy term infants fed sn-2-palmitate-enriched starter infant formula: A randomized, double-blind, multicentre clinical trial. <i>Clinical Nutrition</i> , 2019 , 38, 1023-1030	5.9	25
165	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	5.2	12
164	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	3.5	1
163	How do energy balance-related behaviors cluster in adolescents?. <i>International Journal of Public Health</i> , 2019 , 64, 195-208	4	3
162	Physical activity awareness of European adolescents: The HELENA study. <i>Journal of Sports Sciences</i> , 2018 , 36, 558-564	3.6	8
161	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	5.2	25
160	Inflammation in metabolically healthy and metabolically abnormal adolescents: The HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018 , 28, 77-83	4.5	15
159	Correlates of ideal cardiovascular health in European adolescents: The HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018 , 28, 187-194	4.5	11
158	Adolescents' diet quality in relation to their relatives' and peers' diet engagement and encouragement: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>Public Health Nutrition</i> , 2018 , 21, 3192-3201	3.3	4
157	Do dietary patterns determine levels of vitamin B, folate, and vitamin B 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	4.8	3
156	Physical activity using wrist-worn accelerometers: comparison of dominant and non-dominant wrist. <i>Clinical Physiology and Functional Imaging</i> , 2017 , 37, 525-529	2.4	57
155	Abdominal obesity and its association with socioeconomic factors among adolescents from different living environments. <i>Pediatric Obesity</i> , 2017 , 12, 110-119	4.6	14
154	Foods contributing to vitamin B, folate, and vitamin B intakes and biomarkers status in European adolescents: The HELENA study. <i>European Journal of Nutrition</i> , 2017 , 56, 1767-1782	5.2	5
153	Difficult�s rencontr�es pour la r�alisation d�une recherche interventionnelle en sant� publique : l�tude ECAIL. <i>Cahiers De Nutrition Et De Diet�tique</i> , 2017 , 52, 94-99	0.2	0

152	Comparison of definitions for the metabolic syndrome in adolescents. The HELENA study. <i>European Journal of Pediatrics</i> , 2017 , 176, 241-252	4.1	39
151	Physical Fitness Reference Standards in French Youth: The BOUGE Program. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 1709-1718	3.2	12
150	Ideal cardiovascular health and inflammation in European adolescents: The HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 447-455	4.5	10
149	Prevalence of overweight, obesity, underweight and normal weight in French youth from 2009 to 2013. <i>Public Health Nutrition</i> , 2017 , 20, 959-964	3.3	10
148	Awareness of wearing an accelerometer does not affect physical activity in youth. <i>BMC Medical Research Methodology</i> , 2017 , 17, 99	4.7	18
147	Do adolescents accurately evaluate their diet quality? The HELENA study. <i>Clinical Nutrition</i> , 2017 , 36, 1669-1673	5.9	6
146	Relationship between school rhythm and physical activity in adolescents: the HELENA study. <i>Journal of Sports Sciences</i> , 2017 , 35, 1666-1673	3.6	6
145	Comparison of different approaches to calculate nutrient intakes based upon 24-h recall data derived from a multicenter study in European adolescents. <i>European Journal of Nutrition</i> , 2016 , 55, 537-545	5.2	25
144	Ready-to-eat cereals improve nutrient, milk and fruit intake at breakfast in European adolescents. <i>European Journal of Nutrition</i> , 2016 , 55, 771-779	5.2	23
143	Physical Activity Is Associated with Attention Capacity in Adolescents. <i>Journal of Pediatrics</i> , 2016 , 168, 126-131.e2	3.6	42
142	Effects of clustering of multiple lifestyle-related behaviors on blood pressure in adolescents from two observational studies. <i>Preventive Medicine</i> , 2016 , 82, 111-7	4.3	5
141	Reliability of health-related physical fitness tests in adolescents: the MOVE Program. <i>Clinical Physiology and Functional Imaging</i> , 2016 , 36, 106-11	2.4	17
140	Association of heart rate and blood pressure among European adolescents with usual food consumption: The HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016 , 26, 541-8	4.5	10
139	Doubling diet fat on sugar ratio in children with mitochondrial OXPHOS disorders: Effects of a randomized trial on resting energy expenditure, diet induced thermogenesis and body composition. <i>Clinical Nutrition</i> , 2016 , 35, 1414-1422	5.9	1
138	Family socioeconomic factors are negatively associated with blood pressure in European boys, but not girls, and Brazilian adolescents: Results from two observational studies. <i>Blood Pressure</i> , 2015 , 24, 250-7	1.7	
137	Dietary animal and plant protein intakes and their associations with obesity and cardio-metabolic indicators in European adolescents: the HELENA cross-sectional study. <i>Nutrition Journal</i> , 2015 , 14, 10	4.3	40
136	Strategies in intervention programmes for obese youth: implication of the age and the type of physical activities. <i>Clinical Physiology and Functional Imaging</i> , 2015 , 35, 17-20	2.4	3
135	Influence of sex, age, pubertal maturation and body mass index on circulating white blood cell counts in healthy European adolescents: The HELENA study. <i>European Journal of Pediatrics</i> , 2015 , 174, 999-1014	4.1	13

134	Inflammation profile in overweight/obese adolescents in Europe: an analysis in relation to iron status. <i>European Journal of Clinical Nutrition</i> , 2015 , 69, 247-55	5.2	25
133	Parenteral nutrition with fish oil supplements is safe and seems to be effective in severe preterm neonates with respiratory distress syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015 , 104, e534-6	3.1	6
132	Real-life long-term omalizumab therapy in children with severe allergic asthma. <i>European Respiratory Journal</i> , 2015 , 46, 856-9	13.6	78
131	Associations of early life and sociodemographic factors with menarcheal age in European adolescents. <i>European Journal of Pediatrics</i> , 2015 , 174, 271-8	4.1	4
130	Educating Asthmatic Children in European Ambulatory Pediatrics: Facts and Insights. <i>PLoS ONE</i> , 2015 , 10, e0129198	3.7	3
129	Technical variability of the Vivago [®] wrist-worn accelerometer. <i>Journal of Sports Sciences</i> , 2014 , 32, 1768-74	3.74	1
128	Health inequalities in urban adolescents: role of physical activity, diet, and genetics. <i>Pediatrics</i> , 2014 , 133, e884-95	7.4	24
127	Self-reported sleep duration, white blood cell counts and cytokine profiles in European adolescents: the HELENA study. <i>Sleep Medicine</i> , 2014 , 15, 1251-8	4.6	46
126	Physical activity, sedentary time, and liver enzymes in adolescents: the HELENA study. <i>Pediatric Research</i> , 2014 , 75, 798-802	3.2	18
125	More physically active and leaner adolescents have higher energy intake. <i>Journal of Pediatrics</i> , 2014 , 164, 159-166.e2	3.6	18
124	Mechanisms of stress, energy homeostasis and insulin resistance in European adolescents--the HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 1082-9	4.5	10
123	Nutrition and lifestyle in european adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) study. <i>Advances in Nutrition</i> , 2014 , 5, 615S-623S	10	86
122	Infrequent stools in exclusively breastfed infants. <i>Breastfeeding Medicine</i> , 2014 , 9, 442-5	2.1	5
121	Associations between macronutrient intake and serum lipid profile depend on body fat in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>British Journal of Nutrition</i> , 2014 , 112, 2049-59	3.6	7
120	Mechanical ventilatory constraints during incremental exercise in healthy and cystic fibrosis children. <i>Pediatric Pulmonology</i> , 2014 , 49, 221-9	3.5	15
119	How many days of accelerometer monitoring predict weekly physical activity behaviour in obese youth?. <i>Clinical Physiology and Functional Imaging</i> , 2014 , 34, 384-8	2.4	11
118	Is dairy consumption associated with low cardiovascular disease risk in European adolescents? Results from the HELENA Study. <i>Pediatric Obesity</i> , 2014 , 9, 401-10	4.6	37
117	Influence of parental socio-economic status on diet quality of European adolescents: results from the HELENA study. <i>British Journal of Nutrition</i> , 2014 , 111, 1303-12	3.6	34

116	Nutrient intake of European adolescents: results of the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. <i>Public Health Nutrition</i> , 2014 , 17, 486-97	3.3	55
115	Increased sedentary behaviour is associated with unhealthy dietary patterns in European adolescents participating in the HELENA study. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 300-8	5.2	33
114	Impact of the choice of threshold on physical activity patterns in free living conditions among adolescents measured using a uniaxial accelerometer: the HELENA study. <i>Journal of Sports Sciences</i> , 2014 , 32, 110-5	3.6	14
113	Reference values for leptin, cortisol, insulin and glucose, among European adolescents and their association with adiposity: the HELENA study. <i>Nutricion Hospitalaria</i> , 2014 , 30, 1181-90	1	20
112	Effect of child health status on parents' allowing children to participate in pediatric research. <i>BMC Medical Ethics</i> , 2013 , 14, 7	2.9	22
111	Micronutrient status of children receiving prolonged enteral nutrition. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63, 152-8	4.5	6
110	Physical activity attenuates the negative effect of low birth weight on leptin levels in European adolescents; the HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 344-9	4.5	10
109	Seasonal variation in physical activity and sedentary time in different European regions. The HELENA study. <i>Journal of Sports Sciences</i> , 2013 , 31, 1831-40	3.6	41
108	Lunch at school, at home or elsewhere. Where do adolescents usually get it and what do they eat? Results of the HELENA Study. <i>Appetite</i> , 2013 , 71, 332-9	4.5	16
107	A favorable built environment is associated with better physical fitness in European adolescents. <i>Preventive Medicine</i> , 2013 , 57, 844-9	4.3	20
106	Association of socioeconomic status, truncal fat and sICAM-1 with carotid intima-media thickness in adolescents: the HELENA study. <i>Atherosclerosis</i> , 2013 , 228, 460-5	3.1	13
105	Intake and serum profile of fatty acids are weakly correlated with global dietary quality in European adolescents. <i>Nutrition</i> , 2013 , 29, 411-9.e1-3	4.8	11
104	Clustering of multiple lifestyle behaviors and health-related fitness in European adolescents. <i>Journal of Nutrition Education and Behavior</i> , 2013 , 45, 549-57	2	34
103	Dietary and lifestyle quality indices with/without physical activity and markers of insulin resistance in European adolescents: the HELENA study. <i>British Journal of Nutrition</i> , 2013 , 110, 1919-25	3.6	10
102	The six-minute walk test in obese youth: reproducibility, validity, and prediction equation to assess aerobic power. <i>Disability and Rehabilitation</i> , 2013 , 35, 479-82	2.4	20
101	Association between self-reported sleep duration and dietary quality in European adolescents. <i>British Journal of Nutrition</i> , 2013 , 110, 949-59	3.6	50
100	Concurrent validity of the modified International Physical Activity Questionnaire for French obese adolescents. <i>Perceptual and Motor Skills</i> , 2013 , 116, 123-31	2.2	7
99	Cardiorespiratory fitness in males, and upper limbs muscular strength in females, are positively related with 25-hydroxyvitamin D plasma concentrations in European adolescents: the HELENA study. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2013 , 106, 809-21	2.7	30

98	Nutritional and pubertal status influences accuracy of self-reported weight and height in adolescents: the HELENA Study. <i>Annals of Nutrition and Metabolism</i> , 2013 , 62, 189-200	4.5	8
97	Genetic and molecular insights into the role of PROX1 in glucose metabolism. <i>Diabetes</i> , 2013 , 62, 1738-45	5.9	29
96	Add-on omalizumab in children with severe allergic asthma: a 1-year real life survey. <i>European Respiratory Journal</i> , 2013 , 42, 1224-33	13.6	125
95	Validation of the Diet Quality Index for Adolescents by comparison with biomarkers, nutrient and food intakes: the HELENA study. <i>British Journal of Nutrition</i> , 2013 , 109, 2067-78	3.6	65
94	Evaluation of food and nutrient intake assessment using concentration biomarkers in European adolescents from the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>British Journal of Nutrition</i> , 2013 , 109, 736-47	3.6	27
93	Independent and combined effects of physical activity and sedentary behavior on blood pressure in adolescents: gender differences in two cross-sectional studies. <i>PLoS ONE</i> , 2013 , 8, e62006	3.7	23
92	Physical activity, fitness, and serum leptin concentrations in adolescents. <i>Journal of Pediatrics</i> , 2012 , 160, 598-603.e2	3.6	25
91	Physical activity does not attenuate the obesity risk of TV viewing in youth. <i>Pediatric Obesity</i> , 2012 , 7, 240-50	4.6	30
90	Reliability and intermethod agreement for body fat assessment among two field and two laboratory methods in adolescents. <i>Obesity</i> , 2012 , 20, 221-8	8	41
89	Objectively-measured and self-reported physical activity and fitness in relation to inflammatory markers in European adolescents: the HELENA Study. <i>Atherosclerosis</i> , 2012 , 221, 260-7	3.1	53
88	Eating behaviour, insulin resistance and cluster of metabolic risk factors in European adolescents. The HELENA study. <i>Appetite</i> , 2012 , 59, 140-7	4.5	21
87	Socioeconomic status and bone mass in Spanish adolescents. The HELENA Study. <i>Journal of Adolescent Health</i> , 2012 , 50, 484-90	5.8	19
86	A cognitive educational model for an intervention program in obese youth. <i>BMC Public Health</i> , 2012 , 12, 416	4.1	11
85	Validation of the Vivago Wrist-Worn accelerometer in the assessment of physical activity. <i>BMC Public Health</i> , 2012 , 12, 690	4.1	12
84	Comparison of two ActiGraph accelerometer generations in the assessment of physical activity in free living conditions. <i>BMC Research Notes</i> , 2012 , 5, 187	2.3	71
83	L'impact d'un programme de prise en charge ambulatoire de l'obésité infantile sur les performances académiques, le sommeil et la composition corporelle. <i>Science and Sports</i> , 2012 , 27, 154-159	6.8	1
82	Beverage consumption among European adolescents in the HELENA study. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 244-52	5.2	103
81	Main characteristics and participation rate of European adolescents included in the HELENA study. <i>Archives of Public Health</i> , 2012 , 70, 14	2.6	35

80	Comparison of uniaxial and triaxial accelerometry in the assessment of physical activity among adolescents under free-living conditions: the HELENA study. <i>BMC Medical Research Methodology</i> , 2012 , 12, 26	4.7	35
79	Active relatives and health-related physical fitness in European adolescents: the HELENA Study. <i>Journal of Sports Sciences</i> , 2012 , 30, 1329-35	3.6	5
78	Comparative interinstrument reliability of uniaxial and triaxial accelerometers in free-living conditions. <i>Perceptual and Motor Skills</i> , 2012 , 114, 584-94	2.2	14
77	Enteral nutrition: a first option for nutritional support of children following allo-SCT?. <i>Bone Marrow Transplantation</i> , 2012 , 47, 1191-5	4.4	45
76	Food consumption and screen-based sedentary behaviors in European adolescents: the HELENA study. <i>JAMA Pediatrics</i> , 2012 , 166, 1010-20		44
75	Home telemonitoring (forced expiratory volume in 1 s) in children with severe asthma does not reduce exacerbations. <i>European Respiratory Journal</i> , 2012 , 39, 290-6	13.6	30
74	Dietary fatty acid intake, its food sources and determinants in European adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. <i>British Journal of Nutrition</i> , 2012 , 108, 2261-73	3.6	21
73	European adolescents' level of perceived stress is inversely related to their diet quality: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>British Journal of Nutrition</i> , 2012 , 108, 371-80	3.6	26
72	Vitamin D status among adolescents in Europe: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>British Journal of Nutrition</i> , 2012 , 107, 755-64	3.6	152
71	Can differences in physical activity by socio-economic status in European adolescents be explained by differences in psychosocial correlates? A mediation analysis within the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) study. <i>Public Health Nutrition</i> , 2012 , 15, 2100-9	3.3	17
70	Cardiorespiratory fitness and dietary intake in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>British Journal of Nutrition</i> , 2012 , 107, 1850-9	3.6	34
69	Reliability and validity of a screen time-based sedentary behaviour questionnaire for adolescents: The HELENA study. <i>European Journal of Public Health</i> , 2012 , 22, 373-7	2.1	72
68	European adolescents' level of perceived stress and its relationship with body adiposity--the HELENA Study. <i>European Journal of Public Health</i> , 2012 , 22, 519-24	2.1	17
67	Food intake of European adolescents in the light of different food-based dietary guidelines: results of the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. <i>Public Health Nutrition</i> , 2012 , 15, 386-98	3.3	117
66	Évaluation de l'activité physique chez l'enfant en surcharge pondérale après un programme de réadaptation: le questionnaire contre l'accroissement du poids. <i>Staps</i> , 2012 , 95, 67	0.2	1
65	Relationship between self-reported dietary intake and physical activity levels among adolescents: the HELENA study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011 , 8, 8	8.4	31
64	Short sleep duration is associated with increased obesity markers in European adolescents: effect of physical activity and dietary habits. The HELENA study. <i>International Journal of Obesity</i> , 2011 , 35, 1308-17	5.5	260
63	Levels of physical activity that predict optimal bone mass in adolescents: the HELENA study. <i>American Journal of Preventive Medicine</i> , 2011 , 40, 599-607	6.1	79

62	Associations between common genetic polymorphisms in the liver X receptor alpha and its target genes with the serum HDL-cholesterol concentration in adolescents of the HELENA Study. <i>Atherosclerosis</i> , 2011 , 216, 166-9	3.1	16
61	Associations of birth weight with serum long chain polyunsaturated fatty acids in adolescents; the HELENA study. <i>Atherosclerosis</i> , 2011 , 217, 286-91	3.1	13
60	The effect of ponderal index at birth on the relationships between common LEP and LEPR polymorphisms and adiposity in adolescents. <i>Obesity</i> , 2011 , 19, 2038-45	8	16
59	Evaluation of iron status in European adolescents through biochemical iron indicators: the HELENA Study. <i>European Journal of Clinical Nutrition</i> , 2011 , 65, 340-9	5.2	45
58	Comparison of the IPAQ-A and actigraph in relation to VO2max among European adolescents: the HELENA study. <i>Journal of Science and Medicine in Sport</i> , 2011 , 14, 317-24	4.4	79
57	Clustering patterns of physical activity, sedentary and dietary behavior among European adolescents: The HELENA study. <i>BMC Public Health</i> , 2011 , 11, 328	4.1	125
56	Fitness and fatness are independently associated with markers of insulin resistance in European adolescents; the HELENA study. <i>Pediatric Obesity</i> , 2011 , 6, 253-60		20
55	Reliability and validity of the Adolescent Stress Questionnaire in a sample of European adolescents—the HELENA study. <i>BMC Public Health</i> , 2011 , 11, 717	4.1	28
54	Comparison of mechanical ventilatory constraints between continuous and intermittent exercises in healthy prepubescent children. <i>Pediatric Pulmonology</i> , 2011 , 46, 785-94	3.5	
53	Adolescent's physical activity levels and relatives' physical activity engagement and encouragement: the HELENA study. <i>European Journal of Public Health</i> , 2011 , 21, 705-12	2.1	10
52	Effects of a multidisciplinary rehabilitation program on pediatric obesity: the CEMHaVi program. <i>International Journal of Rehabilitation Research</i> , 2011 , 34, 110-4	1.8	2
51	New validated thresholds for various intensities of physical activity in adolescents using the Actigraph accelerometer. <i>International Journal of Rehabilitation Research</i> , 2011 , 34, 175-7	1.8	24
50	Physical fitness levels among European adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011 , 45, 20-9	10.3	226
49	The International Fitness Scale (IFIS): usefulness of self-reported fitness in youth. <i>International Journal of Epidemiology</i> , 2011 , 40, 701-11	7.8	105
48	Objectively measured physical activity and sedentary time in European adolescents: the HELENA study. <i>American Journal of Epidemiology</i> , 2011 , 174, 173-84	3.8	210
47	Breastfeeding in infancy is not associated with inflammatory status in healthy adolescents. <i>Journal of Nutrition</i> , 2011 , 141, 411-7	4.1	8
46	Excessive sedentary time and low cardiorespiratory fitness in European adolescents: the HELENA study. <i>Archives of Disease in Childhood</i> , 2011 , 96, 240-6	2.2	54
45	Pilot evaluation of the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Food-O-Meter, a computer-tailored nutrition advice for adolescents: a study in six European cities. <i>Public Health Nutrition</i> , 2011 , 14, 1292-302	3.3	30

44	Self-reported physical activity in European adolescents: results from the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) study. <i>Public Health Nutrition</i> , 2011 , 14, 246-54	3.3	43
43	Nutritional knowledge in European adolescents: results from the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) study. <i>Public Health Nutrition</i> , 2011 , 14, 2083-91	3.3	42
42	Antioxidant vitamin status (A, E, C, and beta-carotene) in European adolescents - the HELENA Study. <i>International Journal for Vitamin and Nutrition Research</i> , 2011 , 81, 245-55	1.7	18
41	Longer breastfeeding is associated with increased lower body explosive strength during adolescence. <i>Journal of Nutrition</i> , 2010 , 140, 1989-95	4.1	15
40	Bone mass and bone metabolism markers during adolescence: The HELENA Study. <i>Hormone Research in Paediatrics</i> , 2010 , 74, 339-50	3.3	43
39	Attenuation of the effect of the FTO rs9939609 polymorphism on total and central body fat by physical activity in adolescents: the HELENA study. <i>JAMA Pediatrics</i> , 2010 , 164, 328-33		85
38	Breast-feeding modulates the influence of the peroxisome proliferator-activated receptor-gamma (PPARG2) Pro12Ala polymorphism on adiposity in adolescents: The Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) cross-sectional study. <i>Diabetes Care</i> , 2010 , 33, 190-6	14.6	17
37	Sedentary patterns and media availability in European adolescents: The HELENA study. <i>Preventive Medicine</i> , 2010 , 51, 50-5	4.3	112
36	Recommended levels of physical activity to avoid an excess of body fat in European adolescents: the HELENA Study. <i>American Journal of Preventive Medicine</i> , 2010 , 39, 203-11	6.1	75
35	Reliability of the RT3 accelerometer for measurement of physical activity in adolescents. <i>Journal of Sports Sciences</i> , 2010 , 28, 375-9	3.6	10
34	Calibration of the RT3 accelerometer for various patterns of physical activity in children and adolescents. <i>Journal of Sports Sciences</i> , 2010 , 28, 381-7	3.6	31
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