

Laurent R Beghin

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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	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
186	Physical fitness levels among European adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011 , 45, 20-9	10.3	226
185	Reliability of health-related physical fitness tests in European adolescents. The HELENA Study. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S49-57	5.5	218
184	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
183	Development and evaluation of a self-administered computerized 24-h dietary recall method for adolescents in Europe. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S26-34	5.5	184
182	Harmonization process and reliability assessment of anthropometric measurements in a multicenter study in adolescents. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S58-65	5.5	176
181	Quality assurance of ethical issues and regulatory aspects relating to good clinical practices in the HELENA Cross-Sectional Study. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S12-8	5.5	165
180	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
179	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
178	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
177	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
176	Sedentary patterns and media availability in European adolescents: The HELENA study. <i>Preventive Medicine</i> , 2010 , 51, 50-5	4.3	112
175	Sampling and processing of fresh blood samples within a European multicenter nutritional study: evaluation of biomarker stability during transport and storage. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S66-75	5.5	106
174	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
173	Beverage consumption among European adolescents in the HELENA study. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 244-52	5.2	103
172	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
171	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

170	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
169	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
168	Real-life long-term omalizumab therapy in children with severe allergic asthma. <i>European Respiratory Journal</i> , 2015 , 46, 856-9	13.6	78
167	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
166	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
165	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
164	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
163	Socioeconomic questionnaire and clinical assessment in the HELENA Cross-Sectional Study: methodology. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S19-25	5.5	65
162	Association of objectively assessed physical activity with total and central body fat in Spanish adolescents; the HELENA Study. <i>International Journal of Obesity</i> , 2009 , 33, 1126-35	5.5	63
161	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
160	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
159	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
158	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
157	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
156	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
155	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
154	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
153	Food consumption and screen-based sedentary behaviors in European adolescents: the HELENA study. <i>JAMA Pediatrics</i> , 2012 , 166, 1010-20		44

152	Bone mass and bone metabolism markers during adolescence: The HELENA Study. <i>Hormone Research in Paediatrics</i> , 2010 , 74, 339-50	3.3	43
151	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
150	Physical Activity Is Associated with Attention Capacity in Adolescents. <i>Journal of Pediatrics</i> , 2016 , 168, 126-131.e2	3.6	42
149	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
148	Recommended levels and intensities of physical activity to avoid low-cardiorespiratory fitness in European adolescents: The HELENA study. <i>American Journal of Human Biology</i> , 2010 , 22, 750-6	2.7	42
147	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
146	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
145	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
144	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
143	Food and nutrient intake, nutritional knowledge and diet-related attitudes in European adolescents. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S35-41	5.5	38
142	Estimating body composition in children with Duchenne muscular dystrophy: comparison of bioelectrical impedance analysis and skinfold-thickness measurement. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 65-9	7	38
141	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
140	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
139	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
138	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
137	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
136	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
135	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

134	Omega-3 polyunsaturated fatty acids improve host response in chronic <i>Pseudomonas aeruginosa</i> lung infection in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L1422-31	5.8	33
133	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
132	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
131	Physical activity does not attenuate the obesity risk of TV viewing in youth. <i>Pediatric Obesity</i> , 2012 , 7, 240-50	4.6	30
130	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
129	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
128	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
127	Genetic and molecular insights into the role of PROX1 in glucose metabolism. <i>Diabetes</i> , 2013 , 62, 1738-45	9	29
126	Nutritional status at 2 years in former infants with bronchopulmonary dysplasia influences nutrition and pulmonary outcomes during childhood. <i>Pediatric Research</i> , 2006 , 60, 340-4	3.2	29
125	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
124	Associations between common genetic polymorphisms in angiopoietin-like proteins 3 and 4 and lipid metabolism and adiposity in European adolescents and adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 5070-7	5.6	28
123	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
122	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
121	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
120	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
119	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
118	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
117	Physical activity, fitness, and serum leptin concentrations in adolescents. <i>Journal of Pediatrics</i> , 2012 , 160, 598-603.e2	3.6	25

116	Health inequalities in urban adolescents: role of physical activity, diet, and genetics. <i>Pediatrics</i> , 2014 , 133, e884-95	7.4	24
115	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
114	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
113	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
112	Reliability and validity of a healthy diet determinants questionnaire for adolescents. <i>Public Health Nutrition</i> , 2009 , 12, 1830-8	3.3	23
111	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
110	Metabolism of apolipoproteins AI and AII in a patient with paradoxical reduction in high-density lipoprotein due to ciprofibrate. <i>Annals of Clinical Biochemistry</i> , 1999 , 36 (Pt 4), 523-5	2.2	22
109	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
108	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
107	Equivalence of accelerometer data for walking and running: treadmill versus on land. <i>Journal of Sports Sciences</i> , 2009 , 27, 669-75	3.6	21
106	Dietary n-3 fatty acids have suppressive effects on mucin upregulation in mice infected with <i>Pseudomonas aeruginosa</i> . <i>Respiratory Research</i> , 2007 , 8, 39	7.3	21
105	Total energy expenditure and physical activity in children treated with home parenteral nutrition. <i>Pediatric Research</i> , 2003 , 53, 684-90	3.2	21
104	A favorable built environment is associated with better physical fitness in European adolescents. <i>Preventive Medicine</i> , 2013 , 57, 844-9	4.3	20
103	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
102	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
101	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
100	Socioeconomic status and bone mass in Spanish adolescents. The HELENA Study. <i>Journal of Adolescent Health</i> , 2012 , 50, 484-90	5.8	19
99	Simplification of the method of assessing daily and nightly energy expenditure in children, using heart rate monitoring calibrated against open circuit indirect calorimetry. <i>Clinical Nutrition</i> , 2000 , 19, 425-35	5.9	19

98	Awareness of wearing an accelerometer does not affect physical activity in youth. <i>BMC Medical Research Methodology</i> , 2017 , 17, 99	4.7	18
97	Physical activity, sedentary time, and liver enzymes in adolescents: the HELENA study. <i>Pediatric Research</i> , 2014 , 75, 798-802	3.2	18
96	More physically active and leaner adolescents have higher energy intake. <i>Journal of Pediatrics</i> , 2014 , 164, 159-166.e2	3.6	18
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	Mechanical ventilatory constraints during incremental exercise in healthy and cystic fibrosis children. <i>Pediatric Pulmonology</i> , 2014 , 49, 221-9	3.5	15
84	Longer breastfeeding is associated with increased lower body explosive strength during adolescence. <i>Journal of Nutrition</i> , 2010 , 140, 1989-95	4.1	15
83	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
82	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
81	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

80	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
79	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
78	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
77	Assessing sleeping energy expenditure in children using heart-rate monitoring calibrated against open-circuit indirect calorimetry: a pilot study. <i>British Journal of Nutrition</i> , 2002 , 88, 533-43	3.6	13
76	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
75	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
74	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
73	Validation of the Vivago Wrist-Worn accelerometer in the assessment of physical activity. <i>BMC Public Health</i> , 2012 , 12, 690	4.1	12
72	Healthy lifestyle by nutrition in adolescence (HELENA). A new EU funded project. <i>Therapie</i> , 2007 , 62, 259-70	3.8	12
71	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
70	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
69	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
68	A cognitive educational model for an intervention program in obese youth. <i>BMC Public Health</i> , 2012 , 12, 416	4.1	11
67	Correspondences between continuous and intermittent exercises intensities in healthy prepubescent children. <i>European Journal of Applied Physiology</i> , 2010 , 108, 977-85	3.4	11
66	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
65	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
64	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
63	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

62	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
61	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
60	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
59	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
58	The CEMHaVi program: control, evaluation, and modification of lifestyles in obese youth. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2010 , 30, 181-5	3.6	9
57	Comparison of resting energy expenditure in bronchopulmonary dysplasia to predicted equation. <i>European Journal of Clinical Nutrition</i> , 2006 , 60, 1323-9	5.2	9
56	Impact of intravenous antibiotic therapy on total daily energy expenditure and physical activity in cystic fibrosis children with <i>Pseudomonas aeruginosa</i> pulmonary exacerbation. <i>Pediatric Research</i> , 2003 , 54, 756-61	3.2	9
55	Physical activity awareness of European adolescents: The HELENA study. <i>Journal of Sports Sciences</i> , 2018 , 36, 558-564	3.6	8
54	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
53	Breastfeeding in infancy is not associated with inflammatory status in healthy adolescents. <i>Journal of Nutrition</i> , 2011 , 141, 411-7	4.1	8
52	Effect of multifibre mixture with prebiotic components on bifidobacteria and stool pH in tube-fed children. <i>British Journal of Nutrition</i> , 2010 , 104, 1514-22	3.6	8
51	Body composition in children with bronchopulmonary dysplasia predicted from bioelectric impedance and anthropometric variables: comparison with a reference dual X-ray absorptiometry. <i>Clinical Nutrition</i> , 2006 , 25, 810-5	5.9	8
50	Energetic cost of physical activity in cystic fibrosis children during <i>Pseudomonas aeruginosa</i> pulmonary exacerbation. <i>Clinical Nutrition</i> , 2005 , 24, 88-96	5.9	8
49	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
48	Gender influences physical activity changes during adolescence: The HELENA study. <i>Clinical Nutrition</i> , 2019 , 38, 2900-2905	5.9	7
47	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
46	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
45	Micronutrient status of children receiving prolonged enteral nutrition. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63, 152-8	4.5	6

44	Do adolescents accurately evaluate their diet quality? The HELENA study. <i>Clinical Nutrition</i> , 2017 , 36, 1669-1673	5.9	6
43	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
42	Resting energy expenditure in children with neonatal chronic lung disease and obstruction of the airways. <i>British Journal of Nutrition</i> , 2007 , 98, 796-801	3.6	6
41	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
40	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
39	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
38	Free Sugar Consumption and Obesity in European Adolescents: The HELENA Study. <i>Nutrients</i> , 2020 , 12,	6.7	5
37	Influence of meteorological conditions on physical activity in adolescents. <i>Journal of Epidemiology and Community Health</i> , 2020 , 74, 395-400	5.1	5
36	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
35	Infrequent stools in exclusively breastfed infants. <i>Breastfeeding Medicine</i> , 2014 , 9, 442-5	2.1	5
34	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
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