

# Idoia Labayen Goi

## 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.

179 papers	4,240 citations	34 h-index	58 g-index
195 ext. papers	5,411 ext. citations	4.5 avg, IF	5.38 L-index

#	Paper	IF	Citations
179	Survival of Frail Elderly with Delirium.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
178	Validity and Reliability of the International Fitness Scale (IFIS) in preschool children.. <i>European Journal of Sport Science</i> , <b>2022</b> , 1-24	3.9	1
177	Development of a prediction protocol for the screening of metabolic associated fatty liver disease in children with overweight or obesity.. <i>Pediatric Obesity</i> , <b>2022</b> , e12917	4.6	0
176	Early life factors and white matter microstructure in children with overweight and obesity: The ActiveBrains project. <i>Clinical Nutrition</i> , <b>2021</b> , 41, 40-48	5.9	0
175	Relationship between dietary factors and S-Klotho plasma levels in young sedentary healthy adults. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 194, 111435	5.6	2
174	Interplay of physical activity and genetic variants of the endothelial lipase on cardiovascular disease risk factors. <i>Pediatric Research</i> , <b>2021</b> ,	3.2	1
173	Relationships between diet and basal fat oxidation and maximal fat oxidation during exercise in sedentary adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2021</b> , 31, 1087-1101	4.5	1
172	Intermuscular abdominal fat fraction and metabolic dysfunction-associated fatty liver disease: Does the link already exist in childhood?. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 1511-1513	13.4	2
171	Deciphering the constrained total energy expenditure model in humans by associating accelerometer-measured physical activity from wrist and hip. <i>Scientific Reports</i> , <b>2021</b> , 11, 12302	4.9	2
170	35-LB: Effects of Three Different 8h Time-Restricted Eating Schedules over 4 Weeks on Body Weight and Waist/Hip Circumferences in Adults with Overweight/Obesity: A Pilot Randomized Trial. <i>Diabetes</i> , <b>2021</b> , 70, 35-LB	0.9	
169	Changes in lifestyle behaviours during the COVID-19 confinement in Spanish children: A longitudinal analysis from the MUGI project. <i>Pediatric Obesity</i> , <b>2021</b> , 16, e12731	4.6	75
168	Association between dietary factors and brown adipose tissue volume/F-FDG uptake in young adults. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 1997-2008	5.9	2
167	A sociodemographic, anthropometric and lifestyle-based prediction score for screening children with overweight and obesity for hepatic steatosis: The HEPAKID index. <i>Pediatric Obesity</i> , <b>2021</b> , 16, e12770	4.6	0
166	Mediterranean Diet, Screen-Time-Based Sedentary Behavior and Their Interaction Effect on Adiposity in European Adolescents: The HELENA Study. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	6
165	Screen Time and Parents' Education Level Are Associated with Poor Adherence to the Mediterranean Diet in Spanish Children and Adolescents: The PASOS Study. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	6
164	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> , <b>2021</b> , 11, 3067	4.9	3
163	Validity, reliability, and calibration of the physical activity unit 7 item screener (PAU-7S) at population scale. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2021</b> , 18, 98	8.4	1

162	Nutritional status and physical performance using handgrip and SPPB tests in hospitalized older adults. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 5547-5555	5.9	
161	Impact of COVID-19 Confinement on Physical Activity and Sedentary Behaviour in Spanish University Students: Role of Gender. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	43
160	The Effect of a Family-Based Lifestyle Education Program on Dietary Habits, Hepatic Fat and Adiposity Markers in 8-12-Year-Old Children with Overweight/Obesity. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
159	Fitness, physical activity and academic achievement in overweight/obese children. <i>Journal of Sports Sciences</i> , <b>2020</b> , 38, 731-740	3.6	16
158	Association between CNTF Polymorphisms and Adiposity Markers in European Adolescents. <i>Journal of Pediatrics</i> , <b>2020</b> , 219, 23-30.e1	3.6	2
157	Association of UCP1, UCP2 and UCP3 gene polymorphisms with cardiovascular disease risk factors in European adolescents: the HELENA study. <i>Pediatric Research</i> , <b>2020</b> , 88, 265-270	3.2	1
156	Multicomponent Physical Exercise in Older Adults after Hospitalization: A Randomized Controlled Trial Comparing Short- vs. Long-Term Group-Based Interventions. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	5
155	Differences in Brain Volume between Metabolically Healthy and Unhealthy Overweight and Obese Children: The Role of Fitness. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	5
154	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> , <b>2020</b> , 21, 747-757	3.6	1
153	Associations of physical activity and fitness with hepatic steatosis, liver enzymes, and insulin resistance in children with overweight/obesity. <i>Pediatric Diabetes</i> , <b>2020</b> , 21, 565-574	3.6	6
152	Step-Based Metrics and Overall Physical Activity in Children With Overweight or Obesity: Cross-Sectional Study. <i>JMIR MHealth and UHealth</i> , <b>2020</b> , 8, e14841	5.5	0
151	Cardiorespiratory fitness, muscular strength, and obesity in adolescence and later chronic disability due to cardiovascular disease: a cohort study of 1 million men. <i>European Heart Journal</i> , <b>2020</b> , 41, 1503-1510	9.5	30
150	Hip and wrist accelerometers showed consistent associations with fitness and fatness in children aged 8-12 years. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2020</b> , 109, 995-1003	3.1	3
149	Differences in areal bone mineral density between metabolically healthy and unhealthy overweight/obese children: the role of physical activity and cardiorespiratory fitness. <i>Pediatric Research</i> , <b>2020</b> , 87, 1219-1225	3.2	2
148	Brown adipose tissue volume and 18F-fluorodeoxyglucose uptake are not associated with energy intake in young human adults. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 329-339	7	9
147	Prevalence of responders for hepatic fat, adiposity and liver enzyme levels in response to a lifestyle intervention in children with overweight/obesity: EFIGRO randomized controlled trial. <i>Pediatric Diabetes</i> , <b>2020</b> , 21, 215-223	3.6	4
146	Study protocol of a population-based cohort investigating Physical Activity, Sedentarism, lifestyles and Obesity in Spanish youth: the PASOS study. <i>BMJ Open</i> , <b>2020</b> , 10, e036210	3	9
145	Energy Expenditure and Macronutrient Oxidation in Response to an Individualized Nonshivering Cooling Protocol. <i>Obesity</i> , <b>2020</b> , 28, 2175-2183	8	

144	The effect of an online exercise programme on bone health in paediatric cancer survivors (iBoneFIT): study protocol of a multi-centre randomized controlled trial. <i>BMC Public Health</i> , <b>2020</b> , 20, 1520	4.1	3
143	Eating Behavior, Physical Activity and Exercise Training: A Randomized Controlled Trial in Young Healthy Adults. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	2
142	Determinants of participation in a post-hospitalization physical exercise program for older adults. <i>BMC Geriatrics</i> , <b>2020</b> , 20, 408	4.1	2
141	Single nucleotide polymorphisms of ADIPOQ gene associated with cardiovascular disease risk factors in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 1971-1979	1.9	2
140	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> , <b>2020</b> , 12,	6.7	2
139	Prevalence of severe/morbid obesity and other weight status and anthropometric reference standards in Spanish preschool children: The PREFIT project. <i>Pediatric Research</i> , <b>2020</b> , 87, 501-510	3.2	4
138	Effects of Exercise in Addition to a Family-Based Lifestyle Intervention Program on Hepatic Fat in Children With Overweight. <i>Diabetes Care</i> , <b>2020</b> , 43, 306-313	14.6	17
137	Modelling hospital readmissions under frailty conditions for healthy aging. <i>Expert Systems</i> , <b>2020</b> , 37, e12437	2.1	3
136	Inflammatory markers and bone mass in children with overweight/obesity: the role of muscular fitness. <i>Pediatric Research</i> , <b>2020</b> , 87, 42-47	3.2	3
135	The relative age effect on physical fitness in preschool children. <i>Journal of Sports Sciences</i> , <b>2020</b> , 38, 1506-1515	15.2	12
134	Early life factors, gray matter brain volume and academic performance in overweight/obese children: The ActiveBrains project. <i>NeuroImage</i> , <b>2019</b> , 202, 116130	7.9	2
133	Effects of Leucine-Enriched Whey Protein Supplementation on Physical Function in Post-Hospitalized Older Adults Participating in 12-Weeks of Resistance Training Program: A Randomized Controlled Trial. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	13
132	Congruent Validity of Resting Energy Expenditure Predictive Equations in Young Adults. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	13
131	Association between UCP1, UCP2, and UCP3 gene polymorphisms with markers of adiposity in European adolescents: The HELENA study. <i>Pediatric Obesity</i> , <b>2019</b> , 14, e12504	4.6	5
130	Energy expenditure differences across lying, sitting, and standing positions in young healthy adults. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217029	3.7	11
129	Impact of cow@ milk intake on exercise performance and recovery of muscle function: a systematic review. <i>Journal of the International Society of Sports Nutrition</i> , <b>2019</b> , 16, 22	4.5	13
128	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> , <b>2019</b> , 22, 929-934	4.4	17
127	Dietary determinants of hepatic fat content and insulin resistance in overweight/obese children: a cross-sectional analysis of the Prevention of Diabetes in Kids (PREDIKID) study. <i>British Journal of Nutrition</i> , <b>2019</b> , 121, 1158-1165	3.6	9

126	Associations of dietary energy density with body composition and cardiometabolic risk in children with overweight and obesity: role of energy density calculations, under-reporting energy intake and physical activity. <i>British Journal of Nutrition</i> , <b>2019</b> , 121, 1057-1068	3.6	5
125	Skin temperature response to a liquid meal intake is different in men than in women. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 1339-1347	5.9	6
124	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> , <b>2019</b> , 58, 2051-2065	5.2	12
123	Adherence to the Mediterranean diet in metabolically healthy and unhealthy overweight and obese European adolescents: the HELENA study. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 2615-2623	5.2	9
122	A Single Question of Parent-Reported Physical Activity Levels Estimates Objectively Measured Physical Fitness and Body Composition in Preschool Children: The PREFIT Project. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 1585	3.4	8
121	From conception to infancy - early risk factors for childhood obesity. <i>Nature Reviews Endocrinology</i> , <b>2019</b> , 15, 456-478	15.2	54
120	The Effect Of Exercise In Addition To A Lifestyle-intervention On Hepatic Fat In Overweight Children. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 788-788	1.2	
119	Circulating miRNAs as Biomarkers of Obesity and Obesity-Associated Comorbidities in Children and Adolescents: A Systematic Review. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	28
118	Higher socioeconomic status is related to healthier levels of fatness and fitness already at 3 to 5 years of age: The PREFIT project. <i>Journal of Sports Sciences</i> , <b>2019</b> , 37, 1327-1337	3.6	8
117	Physical fitness reference standards for preschool children: The PREFIT project. <i>Journal of Science and Medicine in Sport</i> , <b>2019</b> , 22, 430-437	4.4	35
116	Estimation of non-shivering thermogenesis and cold-induced nutrient oxidation rates: Impact of method for data selection and analysis. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 2168-2174	5.9	7
115	Cardiometabolic risk through an integrative classification combining physical activity and sedentary behavior in European adolescents: HELENA study. <i>Journal of Sport and Health Science</i> , <b>2019</b> , 8, 55-62	8.2	32
114	Lifestyle patterns and endocrine, metabolic, and immunological biomarkers in European adolescents: The HELENA study. <i>Pediatric Diabetes</i> , <b>2019</b> , 20, 23-31	3.6	3
113	Evidence-Based Exercise Recommendations to Reduce Hepatic Fat Content in Youth- a Systematic Review and Meta-Analysis. <i>Progress in Cardiovascular Diseases</i> , <b>2018</b> , 61, 222-231	8.5	23
112	Congruent validity and inter-day reliability of two breath by breath metabolic carts to measure resting metabolic rate in young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2018</b> , 28, 929-936	4.5	16
111	Early life risk factors and their cumulative effects as predictors of overweight in Spanish children. <i>International Journal of Public Health</i> , <b>2018</b> , 63, 501-512	4	13
110	Social vulnerabilities as determinants of overweight in 2-, 4- and 6-year-old Spanish children. <i>European Journal of Public Health</i> , <b>2018</b> , 28, 289-295	2.1	5
109	Cross-curricular skills development in final-year dissertation by active and collaborative methodologies. <i>Interactive Learning Environments</i> , <b>2018</b> , 26, 175-188	3.1	1

108	Correlates of ideal cardiovascular health in European adolescents: The HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2018</b> , 28, 187-194	4.5	11
107	Role of Physical Activity and Fitness in the Characterization and Prognosis of the Metabolically Healthy Obesity Phenotype: A Systematic Review and Meta-analysis. <i>Progress in Cardiovascular Diseases</i> , <b>2018</b> , 61, 190-205	8.5	46
106	Hepatic fat content and bone mineral density in children with overweight/obesity. <i>Pediatric Research</i> , <b>2018</b> , 84, 684-688	3.2	9
105	Influence of Physical Activity on Bone Mineral Content and Density in Overweight and Obese Children with Low Adherence to the Mediterranean Dietary Pattern. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	9
104	Association of Breakfast Quality and Energy Density with Cardiometabolic Risk Factors in Overweight/Obese Children: Role of Physical Activity. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	5
103	Automated Segmentation of Visceral Adiposity in MRI in Obese Children. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 386-392	0.4	
102	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> , <b>2018</b> , 50, 8-17	4.8	3
101	Associations between the adherence to the Mediterranean diet and cardiorespiratory fitness with total and central obesity in preschool children: the PREFIT project. <i>European Journal of Nutrition</i> , <b>2018</b> , 57, 2975-2983	5.2	19
100	Reliability of resting metabolic rate measurements in young adults: Impact of methods for data analysis. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 1618-1624	5.9	34
99	Ideal cardiovascular health and liver enzyme levels in European adolescents; the HELENA study. <i>Journal of Physiology and Biochemistry</i> , <b>2017</b> , 73, 225-234	5	6
98	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> , <b>2017</b> , 20, 932-936	4.4	5
97	Letter to the Editor: Metabolically Healthy (and Fit?) Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 1084-1085	5.6	3
96	Assessing Physical FITness In PREschool Children. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 517-518	1.2	1
95	Prevalence of ideal cardiovascular health in European adolescents: The HELENA study. <i>International Journal of Cardiology</i> , <b>2017</b> , 240, 428-432	3.2	17
94	Prevalence of Metabolically Healthy but Overweight/Obese Phenotype and Its Association With Sedentary Time, Physical Activity, and Fitness. <i>Journal of Adolescent Health</i> , <b>2017</b> , 61, 107-114	5.8	38
93	Accelerometer Data Collection and Processing Criteria to Assess Physical Activity and Other Outcomes: A Systematic Review and Practical Considerations. <i>Sports Medicine</i> , <b>2017</b> , 47, 1821-1845	10.6	687
92	Prevention of diabetes in overweight/obese children through a family based intervention program including supervised exercise (PREDIKID project): study protocol for a randomized controlled trial. <i>Trials</i> , <b>2017</b> , 18, 372	2.8	8
91	Does Cardiorespiratory Fitness Attenuate the Adverse Effects of Severe/Morbid Obesity on Cardiometabolic Risk and Insulin Resistance in Children? A Pooled Analysis. <i>Diabetes Care</i> , <b>2017</b> , 40, 1580-1587	14.6	21



90	Response to "the Obesity Phenotypes in Adolescents: Some Lessons From the HELENA Study" by Dr. Rey-Lopez and Dr. de Rezende. <i>Journal of Adolescent Health</i> , <b>2017</b> , 61, 267	5.8	
89	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> , <b>2017</b> , 117, 1587-1595	3.6	15
88	Fragmentation of daily rhythms associates with obesity and cardiorespiratory fitness in adolescents: The HELENA study. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 1558-1566	5.9	27
87	Fitness and fatness in relation with attention capacity in European adolescents: The HELENA study. <i>Journal of Science and Medicine in Sport</i> , <b>2017</b> , 20, 373-379	4.4	18
86	Adiposity, Physical Activity and Sedentary Time in Overweight Children With and Without Hepatic Steatosis. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 1022	1.2	1
85	Infant growth and early adiposity depending on immigrant background and anthropometric standards; the CALINA Study. <i>Nutricion Hospitalaria</i> , <b>2017</b> , 34, 330-337	1	
84	Dietary fat intake modifies the influence of the FTO rs9939609 polymorphism on adiposity in adolescents: The HELENA cross-sectional study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2016</b> , 26, 937-43	4.5	14
83	An exercise-based randomized controlled trial on brain, cognition, physical health and mental health in overweight/obese children (ActiveBrains project): Rationale, design and methods. <i>Contemporary Clinical Trials</i> , <b>2016</b> , 47, 315-24	2.3	59
82	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> , <b>2015</b> , 14, 10	4.3	40
81	The effect of a multidisciplinary intervention program on hepatic adiposity in overweight-obese children: protocol of the EFIGRO study. <i>Contemporary Clinical Trials</i> , <b>2015</b> , 45, 346-355	2.3	22
80	Activating brown adipose tissue through exercise (ACTIBATE) in young adults: Rationale, design and methodology. <i>Contemporary Clinical Trials</i> , <b>2015</b> , 45, 416-425	2.3	65
79	Dietary fiber intake and its association with indicators of adiposity and serum biomarkers in European adolescents: the HELENA study. <i>European Journal of Nutrition</i> , <b>2015</b> , 54, 771-82	5.2	37
78	Liver enzymes and clustering cardiometabolic risk factors in European adolescents: the HELENA study. <i>Pediatric Obesity</i> , <b>2015</b> , 10, 361-70	4.6	24
77	Cardiorespiratory fitness and ideal cardiovascular health in European adolescents. <i>Heart</i> , <b>2015</b> , 101, 766-73	5.3	61
76	Breastfeeding attenuates the effect of low birthweight on abdominal adiposity in adolescents: the HELENA study. <i>Maternal and Child Nutrition</i> , <b>2015</b> , 11, 1036-40	3.4	6
75	Systematic review and proposal of a field-based physical fitness-test battery in preschool children: the PREFIT battery. <i>Sports Medicine</i> , <b>2015</b> , 45, 533-55	10.6	109
74	Associations of early life and sociodemographic factors with menarcheal age in European adolescents. <i>European Journal of Pediatrics</i> , <b>2015</b> , 174, 271-8	4.1	4
73	Independent and combined influence of the FTO rs9939609 and MC4Rs17782313 polymorphisms on hypocaloric diet induced changes in body mass and composition and energy metabolism in non-morbid obese premenopausal women. <i>Nutricion Hospitalaria</i> , <b>2015</b> , 31, 2025-32	1	7

72	Health inequalities in urban adolescents: role of physical activity, diet, and genetics. <i>Pediatrics</i> , <b>2014</b> , 133, e884-95	7.4	24
71	Physical activity, sedentary time, and liver enzymes in adolescents: the HELENA study. <i>Pediatric Research</i> , <b>2014</b> , 75, 798-802	3.2	18
70	Dietary lipid intake only partially influences variance in serum phospholipid fatty acid composition in adolescents: impact of other dietary factors. <i>Lipids</i> , <b>2014</b> , 49, 881-93	1.6	6
69	Preliminary findings on the influence of FTO rs9939609 and MC4R rs17782313 polymorphisms on resting energy expenditure, leptin and thyrotropin levels in obese non-morbid premenopausal women. <i>Journal of Physiology and Biochemistry</i> , <b>2014</b> , 70, 255-62	5	17
68	Physical activity modifies the associations between genetic variants and blood pressure in European adolescents. <i>Journal of Pediatrics</i> , <b>2014</b> , 165, 1046-9.e1-2	3.6	3
67	More physically active and leaner adolescents have higher energy intake. <i>Journal of Pediatrics</i> , <b>2014</b> , 164, 159-166.e2	3.6	18
66	Reply: To PMID 24094763. <i>Journal of Pediatrics</i> , <b>2014</b> , 164, 945-6	3.6	
65	Combined influence of healthy diet and active lifestyle on cardiovascular disease risk factors in adolescents. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2014</b> , 24, 553-62	4.6	30
64	Association of breakfast consumption with objectively measured and self-reported physical activity, sedentary time and physical fitness in European adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. <i>Public Health Nutrition</i> , <b>2014</b> , 17, 2226-36	3.3	26
63	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> , <b>2014</b> , 112, 2049-59	3.6	7
62	Effects of dietary supplementation with epigallocatechin-3-gallate on weight loss, energy homeostasis, cardiometabolic risk factors and liver function in obese women: randomised, double-blind, placebo-controlled clinical trial. <i>British Journal of Nutrition</i> , <b>2014</b> , 111, 1263-71	3.6	107
61	High fat diets are associated with higher abdominal adiposity regardless of physical activity in adolescents; the HELENA study. <i>Clinical Nutrition</i> , <b>2014</b> , 33, 859-66	5.9	19
60	Determinants of birth size in Northeast Spain. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2014</b> , 27, 677-82	2	3
59	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> , <b>2013</b> , 23, 344-9	4.5	10
58	Role of socio-cultural factors on changes in fitness and adiposity in youth: a 6-year follow-up study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2013</b> , 23, 883-90	4.5	17
57	Breakfast consumption and CVD risk factors in European adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. <i>Public Health Nutrition</i> , <b>2013</b> , 16, 1296-305	3.3	58
56	A weight loss diet intervention has a similar beneficial effect on both metabolically abnormal obese and metabolically healthy but obese premenopausal women. <i>Annals of Nutrition and Metabolism</i> , <b>2013</b> , 62, 223-30	4.5	24
55	Objectively measured physical activity and sedentary time during childhood, adolescence and young adulthood: a cohort study. <i>PLoS ONE</i> , <b>2013</b> , 8, e60871	3.7	179



54	Effects on adolescents lipid profile of a fitness-enhancing intervention in the school setting; the EDUFIT study. <i>Nutricion Hospitalaria</i> , <b>2013</b> , 28, 119-26	1	9
53	Physical activity, fitness, and serum leptin concentrations in adolescents. <i>Journal of Pediatrics</i> , <b>2012</b> , 160, 598-603.e2	3.6	25
52	Birth weight and subsequent adiposity gain in Swedish children and adolescents: a 6-year follow-up study. <i>Obesity</i> , <b>2012</b> , 20, 376-81	8	10
51	Bicycling to school is associated with improvements in physical fitness over a 6-year follow-up period in Swedish children. <i>Preventive Medicine</i> , <b>2012</b> , 55, 108-12	4.3	37
50	Association of circulating visfatin concentrations with insulin resistance and low-grade inflammation after dietary energy restriction in Spanish obese non-diabetic women: role of body composition changes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2012</b> , 22, 208-14	4.5	12
49	Lower plasma NAMPT/visfatin levels are associated with impaired hepatic mitochondrial function in non-diabetic obese women: a potential link between obesity and non-alcoholic fatty liver disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2012</b> , 22, e1-2	4.5	6
48	Use of different accelerometer models at baseline and follow-up in cohort studies. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 1822; author reply 1823	1.2	
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33	The effect of birth weight on low-energy diet-induced changes in body composition and substrate-energy metabolism in obese women. <i>Journal of the American College of Nutrition</i> , <b>2011</b> , 30, 134-40	3.5	2
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31	Objectively measured physical activity and sedentary time in European adolescents: the HELENA study. <i>American Journal of Epidemiology</i> , <b>2011</b> , 174, 173-84	3.8	210
30	Physical activity attenuates the effect of low birth weight on insulin resistance in adolescents: findings from two observational studies. <i>Diabetes</i> , <b>2011</b> , 60, 2295-9	0.9	25
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14	Small birth weight and later body composition and fat distribution in adolescents: the Avena study. <i>Obesity</i> , <b>2008</b> , 16, 1680-6	8	44
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