

German Vicente-Rodriguez

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.

223
papers

6,996
citations

44
h-index

74
g-index

252
ext. papers

8,161
ext. citations

3.8
avg. IF

5.54
L-index

#	Paper	IF	Citations
223	The medium-term consequences of COVID-19 lockdown on lifestyle among Spanish older people with hypertension, pulmonary, cardiovascular, and musculoskeletal-diseases, depression, and cancer.. <i>Epidemiology and Health</i> , 2022 , e2022026	5.6	
222	Validity and Reliability of the International Fitness Scale (IFIS) in preschool children.. <i>European Journal of Sport Science</i> , 2022 , 1-24	3.9	1
221	Effects of an online home-based exercise intervention on breast cancer survivors during COVID-19 lockdown: a feasibility study.. <i>Supportive Care in Cancer</i> , 2022 , 1	3.9	1
220	Physical Activity Adherence Related to Body Composition and Physical Fitness in Spanish Older Adults: 8 Years-Longitudinal EXERNET-Study.. <i>Frontiers in Psychology</i> , 2022 , 13, 858312	3.4	
219	Psychosocial factors related to physical activity in frail and prefrail elderly people.. <i>BMC Geriatrics</i> , 2022 , 22, 407	4.1	
218	Prevalence of Metabolic Syndrome and Association with Physical Activity and Frailty Status in Spanish Older Adults with Decreased Functional Capacity: A Cross-Sectional Study. <i>Nutrients</i> , 2022 , 14, 2302	6.7	1
217	Effects of uphill high-intensity interval exercise on muscle damage and exercise performance during recovery. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021 , 61, 1258-1266	1.4	
216	Does Acute Caffeine Supplementation Improve Physical Performance in Female Team-Sport Athletes? Evidence from a Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2021 , 13,	6.7	2
215	Acute effects of long-distance races on heart rate variability and arterial stiffness: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2021 , 1-23	3.6	0
214	'Fat but powerful' paradox: association of muscle power and adiposity markers with all-cause mortality in older adults from the EXERNET multicentre study. <i>British Journal of Sports Medicine</i> , 2021 , 55, 1204-1211	10.3	9
213	Functional Frailty, Dietary Intake, and Risk of Malnutrition. Are Nutrients Involved in Muscle Synthesis the Key for Frailty Prevention?. <i>Nutrients</i> , 2021 , 13,	6.7	2
212	Effects of Active Video Games on Health-Related Physical Fitness and Motor Competence in Children and Adolescents With Overweight or Obesity: Systematic Review and Meta-Analysis. <i>JMIR Serious Games</i> , 2021 , 9, e29981	3.4	1
211	Impact of the Home Confinement Related to COVID-19 on the Device-Assessed Physical Activity and Sedentary Patterns of Spanish Older Adults. <i>BioMed Research International</i> , 2021 , 2021, 5528866	3	4
210	How important is current physical fitness for future quality of life? Results from an 8-year longitudinal study on older adults. <i>Experimental Gerontology</i> , 2021 , 149, 111301	4.5	3
209	Changes in Health Behaviors, Mental and Physical Health among Older Adults under Severe Lockdown Restrictions during the COVID-19 Pandemic in Spain. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	15
208	Frailty and Physical Fitness in Elderly People: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2021 , 51, 143-160	10.6	15
207	Validity of the Polar H7 Heart Rate Sensor for Heart Rate Variability Analysis during Exercise in Different Age, Body Composition and Fitness Level Groups. <i>Sensors</i> , 2021 , 21,	3.8	10

206	ECG Ventricular Repolarization Dynamics during Exercise: Temporal Profile, Relation to Heart Rate Variability and Effects of Age and Physical Health. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
205	The effects of Age, Organized Physical Activity and Sedentarism on Fitness in Older Adults: An 8-Year Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	8
204	Association Between Physical Fitness and Bone Strength and Structure in 3- to 5-Year-Old Children. <i>Sports Health</i> , 2020 , 12, 431-440	4.7	7
203	Effects of whole-body vibration training on bone density and turnover markers in adolescent swimmers. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020 , 33, 623-630	1.6	4
202	Effects of a 75-km mountain ultra-marathon on heart rate variability in amateur runners. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020 , 60, 1401-1407	1.4	2
201	Role of Dietary Intake and Serum 25(OH)D on the Effects of a Multicomponent Exercise Program on Bone Mass and Structure of Frail and Pre-Frail Older Adults. <i>Nutrients</i> , 2020 , 12,	6.7	2
200	Heart Rate Variability and Exceptional Longevity. <i>Frontiers in Physiology</i> , 2020 , 11, 566399	4.6	8
199	Associations between Physical Fitness, Bone Mass, and Structure in Older People. <i>BioMed Research International</i> , 2020 , 2020, 6930682	3	1
198	Assessment of Active Video Games' Energy Expenditure in Children with Overweight and Obesity and Differences by Gender. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
197	How to Improve the Functional Capacity of Frail and Pre-Frail Elderly People? Health, Nutritional Status and Exercise Intervention. The EXERNET-Elder 3.0 Project. <i>Sustainability</i> , 2020 , 12, 6246	3.6	7
196	Nonspecific Resistance Training and Swimming Performance: Strength or Power? A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2020 ,	3.2	2
195	Low interest in physical activity and higher rates of obesity among rural teachers. <i>Work</i> , 2020 , 67, 1015-1022	4.2	8
194	Effects of a Multicomponent Exercise Program, a Detraining Period and Dietary Intake Prediction of Body Composition of Frail and Pre-Frail Older Adults from the EXERNET Elder 3.0 Study. <i>Sustainability</i> , 2020 , 12, 9894	3.6	2
193	Prevalence of severe/morbid obesity and other weight status and anthropometric reference standards in Spanish preschool children: The PREFIT project. <i>Pediatric Research</i> , 2020 , 87, 501-510	3.2	4
192	Validity and reliability of an optoelectronic system to measure movement velocity during bench press and half squat in a Smith machine. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020 , 234, 88-97	0.7	1
191	The relative age effect on physical fitness in preschool children. <i>Journal of Sports Sciences</i> , 2020 , 38, 1506-1512	5.1	12
190	Physical Exercise 2019 , 24-24		
189	Is Sitting Time Related with Physical Fitness in Spanishelderly Population? The EXERNET Multicenter Study. <i>Journal of Nutrition, Health and Aging</i> , 2019 , 23, 401-407	5.2	6

188	The muscle-bone unit in adolescent swimmers. <i>Osteoporosis International</i> , 2019 , 30, 1079-1088	5.3	1
187	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> , 2019 , 121, 1057-1068	3.6	5
186	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
185	Influence of different playing surfaces on bone mass accretion in male adolescent football players: A one-season study. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2019 , 233, 536-547	0.7	
184	Do physical activity and screen time mediate the association between European fathers' and their children's weight status? Cross-sectional data from the Feel4Diabetes-study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019 , 16, 100	8.4	3
183	Long-Term Effects of Whole-Body Vibration in Trained Adolescent Swimmers: Does It Increase Strength, Power, and Swimming Performance?. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 1-7	3.5	2
182	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. <i>Journal of Human Kinetics</i> , 2019 , 67, 153-161	2.6	3
181	Plantar pressures in male adolescent soccer players and its associations with bone geometry and strength. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 1716-1723	1.4	
180	Swim-Specific Resistance Training: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 2875-2881	3.2	13
179	Accurate Prediction Equation to Assess Body Fat in Male and Female Adolescent Football Players. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019 , 29, 297-302	4.4	8
178	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> , 2019 , 37, 1327-1337	3.6	8
177	Frequency and duration of vigorous physical activity bouts are associated with adolescent boys' bone mineral status: A cross-sectional study. <i>Bone</i> , 2019 , 120, 141-147	4.7	11
176	Physical fitness reference standards for preschool children: The PREFIT project. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 430-437	4.4	35
175	How do energy balance-related behaviors cluster in adolescents?. <i>International Journal of Public Health</i> , 2019 , 64, 195-208	4	3
174	Physical Fitness. <i>Springer Series on Epidemiology and Public Health</i> , 2019 , 277-289	0.4	
173	Diet quality index as a predictor of treatment efficacy in overweight and obese adolescents: The EVASYON study. <i>Clinical Nutrition</i> , 2019 , 38, 782-790	5.9	8
172	Swimming and peak bone mineral density: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2018 , 36, 365-377	3.6	12
171	Mediterranean diet, diet quality, and bone mineral content in adolescents: the HELENA study. <i>Osteoporosis International</i> , 2018 , 29, 1329-1340	5.3	6

170	Effects of Whole Body Vibration on Tibia Strength and Structure of Competitive Adolescent Swimmers: A Randomized Controlled Trial. <i>PM and R</i> , 2018 , 10, 889-897	2.2	5
169	Bone metabolism markers and vitamin D in adolescent cyclists. <i>Archives of Osteoporosis</i> , 2018 , 13, 11	2.9	3
168	Soccer helps build strong bones during growth: a systematic review and meta-analysis. <i>European Journal of Pediatrics</i> , 2018 , 177, 295-310	4.1	23
167	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
166	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
165	Bone geometry in young male and female football players: a peripheral quantitative computed tomography (pQCT) study. <i>Archives of Osteoporosis</i> , 2018 , 13, 57	2.9	6
164	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
163	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. <i>BioMed Research International</i> , 2018 , 2018, 5178284	3	10
162	Vigorous physical activity patterns affect bone growth during early puberty in boys. <i>Osteoporosis International</i> , 2018 , 29, 2693-2701	5.3	7
161	Grip strength cutpoints for youth based on a clinically relevant bone health outcome. <i>Archives of Osteoporosis</i> , 2018 , 13, 92	2.9	18
160	Percentage of body fat in adolescents with Down syndrome: Estimation from skinfolds. <i>Disability and Health Journal</i> , 2017 , 10, 100-104	4.2	8
159	Bone Structure and Geometric Properties at the Radius and Tibia in Adolescent Endurance-Trained Cyclists. <i>Clinical Journal of Sport Medicine</i> , 2017 , 27, 69-77	3.2	5
158	Plyometric exercise and bone health in children and adolescents: a systematic review. <i>World Journal of Pediatrics</i> , 2017 , 13, 112-121	4.6	36
157	Assessing Fat Mass of Adolescent Swimmers Using Anthropometric Equations: A DXA Validation Study. <i>Research Quarterly for Exercise and Sport</i> , 2017 , 88, 230-236	1.9	2
156	Dietary sources and sociodemographic and lifestyle factors affecting vitamin D and calcium intakes in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) Study. <i>Public Health Nutrition</i> , 2017 , 20, 1593-1601	3.3	3
155	Relationship between Vitamin D Levels and Bone Tissue in Adolescents with and without Down Syndrome. <i>Journal of Developmental and Physical Disabilities</i> , 2017 , 29, 611-624	1.5	
154	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
153	Physical activity and bone mineral density at the femoral neck subregions in adolescents with Down syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017 , 30, 1075-1082	1.6	4

152	Do 6 months of whole-body vibration training improve lean mass and bone mass acquisition of adolescent swimmers?. <i>Archives of Osteoporosis</i> , 2017 , 12, 69	2.9	8
151	Estabilizaci3n en la prevalencia de niveles de sobrepeso y obesidad de la poblaci3n infantil espa3ola. <i>Revista Espanola De Cardiologia</i> , 2017 , 70, 629-630	1.5	
150	25-hydroxyvitamin D is differentially associated with calcium intakes of Northern, Central, and Southern European adolescents: Results from the HELENA study. <i>Nutrition</i> , 2017 , 36, 22-25	4.8	2
149	Longitudinal effects of swimming on bone in adolescents: a pQCT and DXA study. <i>Biology of Sport</i> , 2017 , 34, 361-370	4.3	3
148	Body fat percentage comparisons between four methods in young football players: are they comparable?. <i>Nutricion Hospitalaria</i> , 2017 , 34, 1119-1124	1	12
147	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
146	Effect of whole-body vibration training on bone mass in adolescents with and without Down syndrome: a randomized controlled trial. <i>Osteoporosis International</i> , 2016 , 27, 181-91	5.3	12
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	Comparison of anthropometric measurements of adiposity in relation to cancer risk: a systematic review of prospective studies. <i>Cancer Causes and Control</i> , 2016 , 27, 291-300	2.8	21
143	Higher bone mass in prepubertal and peripubertal female footballers. <i>European Journal of Sport Science</i> , 2016 , 16, 877-83	3.9	10
142	Body fat in elite Spanish football referees and assistants: A 1-year follow-up study. <i>Apunts Medicine De L'Esport</i> , 2016 , 51, 21-26	0.6	4
141	Swimming and bone: Is low bone mass due to hypogravity alone or does other physical activity influence it?. <i>Osteoporosis International</i> , 2016 , 27, 1785-93	5.3	16
140	Bone structure of adolescent swimmers; a peripheral quantitative computed tomography (pQCT) study. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 707-12	4.4	9
139	Physical Activity Is Associated with Attention Capacity in Adolescents. <i>Journal of Pediatrics</i> , 2016 , 168, 126-131.e2	3.6	42
138	The Effect of Swimming During Childhood and Adolescence on Bone Mineral Density: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2016 , 46, 365-79	10.6	45
137	Blood and Urinary Abnormalities Induced During and After 24-Hour Continuous Running: A Case Report. <i>Clinical Journal of Sport Medicine</i> , 2016 , 26, e100-2	3.2	5
136	Factors affecting children and adolescents 50 meter performance in freestyle swimming. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016 , 56, 1439-1447	1.4	
135	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

134	The effects of swimming training on bone tissue in adolescence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e589-602	4.6	24
133	Effect of whole body vibration training on bone mineral density and bone quality in adolescents with Down syndrome: a randomized controlled trial. <i>Osteoporosis International</i> , 2015 , 26, 2449-59	5.3	22
132	Cardiorespiratory fitness and ideal cardiovascular health in European adolescents. <i>Heart</i> , 2015 , 101, 766-73	5.3	61
131	Impact of physical activity and cardiovascular fitness on total homocysteine concentrations in European adolescents: The HELENA study. <i>Journal of Nutritional Science and Vitaminology</i> , 2015 , 61, 45-54 ¹	5.4 ¹	4
130	Influences of physical fitness on bone mass in women with fibromyalgia. <i>Adapted Physical Activity Quarterly</i> , 2015 , 32, 125-36	1.7	4
129	Combined effects of interaction between physical activity and nutrition on bone health in children and adolescents: a systematic review. <i>Nutrition Reviews</i> , 2015 , 73, 127-39	6.4	40
128	Application of a model based on dual-energy X-ray absorptiometry and finite element simulation for predicting the probability of osteoporotic hip fractures to a sample of people over 60 years. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015 , 229, 369-85	1.7	2
127	Effect of whole-body vibration therapy on health-related physical fitness in children and adolescents with disabilities: a systematic review. <i>Journal of Adolescent Health</i> , 2014 , 54, 385-96	5.8	44
126	Physical fitness, overweight and the risk of eating disorders in adolescents. The AVENA and AFINOS studies. <i>Pediatric Obesity</i> , 2014 , 9, 1-9	4.6	14
125	Health inequalities in urban adolescents: role of physical activity, diet, and genetics. <i>Pediatrics</i> , 2014 , 133, e884-95	7.4	24
124	Characteristics of extracurricular physical activity and cognitive performance in adolescents. The AVENA study. <i>Journal of Sports Sciences</i> , 2014 , 32, 1596-603	3.6	7
123	Effects of a short-term whole body vibration intervention on bone mass and structure in elderly people. <i>Journal of Science and Medicine in Sport</i> , 2014 , 17, 160-4	4.4	32
122	More physically active and leaner adolescents have higher energy intake. <i>Journal of Pediatrics</i> , 2014 , 164, 159-166.e2	3.6	18
121	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
120	Efectos del entrenamiento pliométrico sobre la resistencia cardiorrespiratoria de niños y adolescentes con síndrome de Down. <i>Revista Médica Internacional Sobre El Síndrome De Down</i> , 2014 , 18, 35-42		3
119	Influence of hard vs. soft ground surfaces on bone accretion in prepubertal footballers. <i>International Journal of Sports Medicine</i> , 2014 , 35, 55-61	3.6	6
118	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
117	Swimming training repercussion on metabolic and structural bone development; benefits of the incorporation of whole body vibration or pliometric training; the RENACIMIENTO project. <i>Nutricion Hospitalaria</i> , 2014 , 30, 399-409	1	14

116	Cortical and trabecular bone at the radius and tibia in male and female adolescents with Down syndrome: a peripheral quantitative computed tomography (pQCT) study. <i>Osteoporosis International</i> , 2013 , 24, 1035-44	5.3	26
115	Sedentary behaviour and clustered metabolic risk in adolescents: the HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 1017-24	4.5	22
114	Decreased levels of physical activity in adolescents with down syndrome are related with low bone mineral density: a cross-sectional study. <i>BMC Endocrine Disorders</i> , 2013 , 13, 22	3.3	21
113	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
112	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
111	A favorable built environment is associated with better physical fitness in European adolescents. <i>Preventive Medicine</i> , 2013 , 57, 844-9	4.3	20
110	Associations of dietary calcium, vitamin D, milk intakes, and 25-hydroxyvitamin D with bone mass in Spanish adolescents: the HELENA study. <i>Journal of Clinical Densitometry</i> , 2013 , 16, 110-7	3.5	32
109	Effects of a short-term whole body vibration intervention on physical fitness in elderly people. <i>Maturitas</i> , 2013 , 74, 276-8	5	18
108	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
107	Validation of anthropometry and foot-to-foot bioelectrical resistance against a three-component model to assess total body fat in children: the IDEFICS study. <i>International Journal of Obesity</i> , 2013 , 37, 520-6	5.5	14
106	Effects of whole body vibration training on body composition in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2013 , 34, 1426-33	2.7	23
105	Fat mass influence on bone mass is mediated by the independent association between lean mass and bone mass among elderly women: a cross-sectional study. <i>Maturitas</i> , 2013 , 74, 44-53	5	10
104	Is bone tissue really affected by swimming? A systematic review. <i>PLoS ONE</i> , 2013 , 8, e70119	3.7	67
103	Effect of endurance and resistance training on regional fat mass and lipid profile. <i>Nutricion Hospitalaria</i> , 2013 , 28, 340-6	1	9
102	Do calcium and vitamin D intake influence the effect of cycling on bone mass through adolescence?. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1136-9	1	5
101	Effects of a short-term whole body vibration intervention on lean mass in elderly people. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1255-8	1	4
100	Physical activity and cardiorespiratory fitness in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1151-5	1	15
99	Inter-methods agreement for the assessment of percentage of body fat between two laboratory methods in male adolescent cyclists. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1049-52	1	2

98	The nutritional status in adolescent Spanish cyclists. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1184-9	1	5
97	Physical activity, fitness, and serum leptin concentrations in adolescents. <i>Journal of Pediatrics</i> , 2012 , 160, 598-603.e2	3.6	25
96	EPODE approach for childhood obesity prevention: methods, progress and international development. <i>Obesity Reviews</i> , 2012 , 13, 299-315	10.6	158
95	Physical activity does not attenuate the obesity risk of TV viewing in youth. <i>Pediatric Obesity</i> , 2012 , 7, 240-50	4.6	30
94	Adiposity and bone health in Spanish adolescents. The HELENA study. <i>Osteoporosis International</i> , 2012 , 23, 937-47	5.3	88
93	Validity of hip-mounted uniaxial accelerometry with heart-rate monitoring vs. triaxial accelerometry in the assessment of free-living energy expenditure in young children: the IDEFICS Validation Study. <i>Journal of Applied Physiology</i> , 2012 , 113, 1530-6	3.7	24
92	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
91	Vitamin D status and physical activity interact to improve bone mass in adolescents. The HELENA Study. <i>Osteoporosis International</i> , 2012 , 23, 2227-37	5.3	27
90	Mejoras de la condici3n cardiorrespiratoria en j3venes con s3ndrome de Down mediante entrenamiento aer3bico: estudio longitudinal. <i>Apunts Medicine De L3esport</i> , 2012 , 47, 49-54	0.6	1
89	Ciclisme i salut 3sica de l3adolescent. <i>Apunts Medicine De L3esport</i> , 2012 , 47, 169	0.6	1
88	A 21-week bone deposition promoting exercise programme increases bone mass in young people with Down syndrome. <i>Developmental Medicine and Child Neurology</i> , 2012 , 54, 552-6	3.3	41
87	Physical fitness levels among independent non-institutionalized Spanish elderly: the elderly EXERNET multi-center study. <i>Archives of Gerontology and Geriatrics</i> , 2012 , 55, 406-16	4	46
86	Whole-body vibration increases upper and lower body muscle activity in older adults: potential use of vibration accessories. <i>Journal of Electromyography and Kinesiology</i> , 2012 , 22, 456-62	2.5	28
85	Eating habits and total and abdominal fat in Spanish adolescents: influence of physical activity. The AVENA study. <i>Journal of Adolescent Health</i> , 2012 , 50, 403-9	5.8	19
84	Socioeconomic status and bone mass in Spanish adolescents. The HELENA Study. <i>Journal of Adolescent Health</i> , 2012 , 50, 484-90	5.8	19
83	Sedentary behaviours and its association with bone mass in adolescents: the HELENA Cross-Sectional Study. <i>BMC Public Health</i> , 2012 , 12, 971	4.1	36
82	Cycling and bone health: a systematic review. <i>BMC Medicine</i> , 2012 , 10, 168	11.4	62
81	Effects of training on bone mass in older adults: a systematic review. <i>Sports Medicine</i> , 2012 , 42, 301-25	10.6	199

80	Sitting time increases the overweight and obesity risk independently of walking time in elderly people from Spain. <i>Maturitas</i> , 2012 , 73, 337-43	5	39
79	How Physical Activity Affects the Growth-Nutrient-Bone Relationship 2012 , 2455-2471		
78	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
77	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
76	Harmonization process and reliability assessment of anthropometric measurements in the elderly EXERNET multi-centre study. <i>PLoS ONE</i> , 2012 , 7, e41752	3.7	10
75	Iron and vitamin status biomarkers and its association with physical fitness in adolescents: the HELENA study. <i>Journal of Applied Physiology</i> , 2012 , 113, 566-73	3.7	18
74	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
73	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
72	Five year trends on total and abdominal adiposity in Spanish adolescents. <i>Nutricion Hospitalaria</i> , 2012 , 27, 731-8	1	8
71	Criterion-related validity of field-based muscular fitness tests in youth. <i>Journal of Sports Medicine and Physical Fitness</i> , 2012 , 52, 263-72	1.4	12
70	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
69	Fat and lean masses in youths with Down syndrome: gender differences. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1685-93	2.7	54
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