

German Vicente-Rodriguez

List of Publications by Citations

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223
papers

6,996
citations

44
h-index

74
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252
ext. papers

8,161
ext. citations

3.8
avg. IF

5.54
L-index

#	Paper	IF	Citations
223	Sedentary behaviour and obesity development in children and adolescents. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008 , 18, 242-51	4.5	365
222	Physical fitness levels among European adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011 , 45, 20-9	10.3	226
221	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
220	Effects of training on bone mass in older adults: a systematic review. <i>Sports Medicine</i> , 2012 , 42, 301-25	10.6	199
219	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
218	Muscular and cardiorespiratory fitness are independently associated with metabolic risk in adolescents: the HELENA study. <i>Pediatric Diabetes</i> , 2011 , 12, 704-12	3.6	159
217	EPODE approach for childhood obesity prevention: methods, progress and international development. <i>Obesity Reviews</i> , 2012 , 13, 299-315	10.6	158
216	How does exercise affect bone development during growth?. <i>Sports Medicine</i> , 2006 , 36, 561-9	10.6	140
215	Elbow position affects handgrip strength in adolescents: validity and reliability of Jamar, DynEx, and TKK dynamometers. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 272-7	3.2	126
214	Sedentary patterns and media availability in European adolescents: The HELENA study. <i>Preventive Medicine</i> , 2010 , 51, 50-5	4.3	112
213	Health-related fitness in adolescents: underweight, and not only overweight, as an influencing factor. The AVENA study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010 , 20, 418-27	4.6	112
212	Enhanced bone mass and physical fitness in prepubescent footballers. <i>Bone</i> , 2003 , 33, 853-9	4.7	111
211	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
210	High femoral bone mineral density accretion in prepubertal soccer players. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 1789-95	1.2	105
209	Secular trends in health-related physical fitness in Spanish adolescents: the AVENA and HELENA studies. <i>Journal of Science and Medicine in Sport</i> , 2010 , 13, 584-8	4.4	98
208	Regular participation in sports is associated with enhanced physical fitness and lower fat mass in prepubertal boys. <i>International Journal of Obesity</i> , 2004 , 28, 1585-93	5.5	90
207	Adiposity and bone health in Spanish adolescents. The HELENA study. <i>Osteoporosis International</i> , 2012 , 23, 937-47	5.3	88

206	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
205	Physical activity, fitness, weight status, and cognitive performance in adolescents. <i>Journal of Pediatrics</i> , 2010 , 157, 917-922.e1-5	3.6	86
204	Television watching, videogames, and excess of body fat in Spanish adolescents: the AVENA study. <i>Nutrition</i> , 2008 , 24, 654-62	4.8	82
203	Enhanced bone mass and physical fitness in young female handball players. <i>Bone</i> , 2004 , 35, 1208-15	4.7	80
202	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
201	Muscular development and physical activity as major determinants of femoral bone mass acquisition during growth. <i>British Journal of Sports Medicine</i> , 2005 , 39, 611-6	10.3	78
200	Influence of extracurricular sport activities on body composition and physical fitness in boys: a 3-year longitudinal study. <i>International Journal of Obesity</i> , 2006 , 30, 1062-71	5.5	73
199	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
198	Associations of muscular and cardiorespiratory fitness with total and central body fat in adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011 , 45, 101-8	10.3	70
197	Is bone tissue really affected by swimming? A systematic review. <i>PLoS ONE</i> , 2013 , 8, e70119	3.7	67
196	Health-related physical fitness in children and adolescents with Down syndrome and response to training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010 , 20, 716-24	4.6	67
195	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
194	Cycling and bone health: a systematic review. <i>BMC Medicine</i> , 2012 , 10, 168	11.4	62
193	Cardiorespiratory fitness and ideal cardiovascular health in European adolescents. <i>Heart</i> , 2015 , 101, 766-73	5.3	61
192	Food and drink intake during television viewing in adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>Public Health Nutrition</i> , 2011 , 14, 1563-9	3.3	61
191	Physical fitness effect on bone mass is mediated by the independent association between lean mass and bone mass through adolescence: a cross-sectional study. <i>Journal of Bone and Mineral Metabolism</i> , 2008 , 26, 288-94	2.9	60
190	Association of physical activity with muscular strength and fat-free mass in adolescents: the HELENA study. <i>European Journal of Applied Physiology</i> , 2010 , 109, 1119-27	3.4	55
189	Fat and lean masses in youths with Down syndrome: gender differences. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1685-93	2.7	54

188	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
187	Effects of weight lifting training combined with plyometric exercises on physical fitness, body composition, and knee extension velocity during kicking in football. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 501-10	3	54
186	Effect of fitness and physical activity on bone mass in adolescents: the HELENA Study. <i>European Journal of Applied Physiology</i> , 2011 , 111, 2671-80	3.4	52
185	Cardiovascular fitness modifies the associations between physical activity and abdominal adiposity in children and adolescents: the European Youth Heart Study. <i>British Journal of Sports Medicine</i> , 2010 , 44, 256-62	10.3	47
184	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
183	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
182	Bone mass in male and female children and adolescents with Down syndrome. <i>Osteoporosis International</i> , 2011 , 22, 2151-7	5.3	45
181	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
180	Bone mass and bone metabolism markers during adolescence: The HELENA Study. <i>Hormone Research in Paediatrics</i> , 2010 , 74, 339-50	3.3	43
179	Physical Activity Is Associated with Attention Capacity in Adolescents. <i>Journal of Pediatrics</i> , 2016 , 168, 126-131.e2	3.6	42
178	Contribution of social marketing strategies to community-based obesity prevention programmes in children. <i>International Journal of Obesity</i> , 2011 , 35, 472-9	5.5	42
177	Independent and combined effect of nutrition and exercise on bone mass development. <i>Journal of Bone and Mineral Metabolism</i> , 2008 , 26, 416-24	2.9	42
176	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
175	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
174	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
173	Early life programming of abdominal adiposity in adolescents: The HELENA Study. <i>Diabetes Care</i> , 2009 , 32, 2120-2	14.6	41
172	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
171	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

170	A combined training intervention programme increases lean mass in youths with Down syndrome. <i>Research in Developmental Disabilities</i> , 2011 , 32, 2383-8	2.7	40
169	Active commuting and physical activity in adolescents from Europe: results from the HELENA study. <i>Pediatric Exercise Science</i> , 2011 , 23, 207-17	2	40
168	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
167	Artistic versus rhythmic gymnastics: effects on bone and muscle mass in young girls. <i>International Journal of Sports Medicine</i> , 2007 , 28, 386-93	3.6	39
166	Are muscular and cardiovascular fitness partially programmed at birth? Role of body composition. <i>Journal of Pediatrics</i> , 2009 , 154, 61-66.e1	3.6	38
165	Serum free testosterone, leptin and soluble leptin receptor changes in a 6-week strength-training programme. <i>British Journal of Nutrition</i> , 2006 , 96, 1053-9	3.6	37
164	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
163	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
162	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
161	Interrater reliability and time measurement validity of speed-agility field tests in adolescents. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 2059-63	3.2	35
160	Influence of socioeconomic factors on fitness and fatness in Spanish adolescents: the AVENA study. <i>Pediatric Obesity</i> , 2010 , 5, 467-73		35
159	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
158	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
157	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
156	The IDEFICS validation study on field methods for assessing physical activity and body composition in children: design and data collection. <i>International Journal of Obesity</i> , 2011 , 35 Suppl 1, S79-87	5.5	34
155	Extracurricular physical activity participation modifies the association between high TV watching and low bone mass. <i>Bone</i> , 2009 , 45, 925-30	4.7	33
154	Sedentary behaviours and socio-economic status in Spanish adolescents: the AVENA study. <i>European Journal of Public Health</i> , 2011 , 21, 151-7	2.1	33
153	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

152	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
151	Physical activity does not attenuate the obesity risk of TV viewing in youth. <i>Pediatric Obesity</i> , 2012 , 7, 240-50	4.6	30
150	Bone related health status in adolescent cyclists. <i>PLoS ONE</i> , 2011 , 6, e24841	3.7	30
149	Excessive TV viewing and cardiovascular disease risk factors in adolescents. The AVENA cross-sectional study. <i>BMC Public Health</i> , 2010 , 10, 274	4.1	30
148	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
147	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
146	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
145	Cardiovascular fitness is negatively associated with homocysteine levels in female adolescents. <i>JAMA Pediatrics</i> , 2007 , 161, 166-71		27
144	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
143	Hip flexibility is the main determinant of the back-saver sit-and-reach test in adolescents. <i>Journal of Sports Sciences</i> , 2010 , 28, 641-8	3.6	26
142	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
141	Physical activity, fitness, and serum leptin concentrations in adolescents. <i>Journal of Pediatrics</i> , 2012 , 160, 598-603.e2	3.6	25
140	Body fat measurement in elite sport climbers: comparison of skinfold thickness equations with dual energy X-ray absorptiometry. <i>Journal of Sports Sciences</i> , 2009 , 27, 469-77	3.6	25
139	Inter-arm asymmetry in bone mineral content and bone area in postmenopausal recreational tennis players. <i>Maturitas</i> , 2004 , 48, 289-98	5	25
138	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
137	Health inequalities in urban adolescents: role of physical activity, diet, and genetics. <i>Pediatrics</i> , 2014 , 133, e884-95	7.4	24
136	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
135	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

134	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
133	Accuracy of prediction equations to assess percentage of body fat in children and adolescents with Down syndrome compared to air displacement plethysmography. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1764-9	2.7	23
132	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
131	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
130	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
129	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
128	A favorable built environment is associated with better physical fitness in European adolescents. <i>Preventive Medicine</i> , 2013 , 57, 844-9	4.3	20
127	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
126	Socioeconomic status and bone mass in Spanish adolescents. The HELENA Study. <i>Journal of Adolescent Health</i> , 2012 , 50, 484-90	5.8	19
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	Effects of a short-term whole body vibration intervention on physical fitness in elderly people. <i>Maturitas</i> , 2013 , 74, 276-8	5	18
123	Combined influence of lifestyle risk factors on body fat in Spanish adolescents--the Avena study. <i>Obesity Facts</i> , 2011 , 4, 105-11	5.1	18
122	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
121	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
120	Grip strength cutpoints for youth based on a clinically relevant bone health outcome. <i>Archives of Osteoporosis</i> , 2018 , 13, 92	2.9	18
119	Physical fitness and obesity are associated in a dose-dependent manner in children. <i>Annals of Nutrition and Metabolism</i> , 2010 , 57, 251-9	4.5	17
118	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
117	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

116	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
115	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
114	Physical activity and cardiorespiratory fitness in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1151-5	1	15
113	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
112	Frailty and Physical Fitness in Elderly People: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2021 , 51, 143-160	10.6	15
111	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
110	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
109	Swimming training repercussion on metabolic and structural bone development; benefits of the incorporation of whole body vibration or pilometric training; the RENACIMIENTO project. <i>Nutricion Hospitalaria</i> , 2014 , 30, 399-409	1	14
108	Extra-curricular participation in sports and socio-demographic factors in Spanish adolescents: the AVENA study. <i>Journal of Sports Sciences</i> , 2010 , 28, 1383-9	3.6	13
107	Androgen receptor gene polymorphisms lean mass and performance in young men. <i>British Journal of Sports Medicine</i> , 2011 , 45, 95-100	10.3	13
106	Osteocalcin as a negative regulator of serum leptin concentration in humans: insight from triathlon competitions. <i>European Journal of Applied Physiology</i> , 2010 , 110, 635-43	3.4	13
105	Central adiposity in 9- and 15-year-old Swedish children from the European Youth Heart Study. <i>Pediatric Obesity</i> , 2008 , 3, 212-6		13
104	Swim-Specific Resistance Training: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 2875-2881	3.2	13
103	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
102	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
101	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
100	Contribution of bone turnover markers to bone mass in pubertal boys and girls. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2011 , 24, 971-4	1.6	12
99	Healthy lifestyle by nutrition in adolescence (HELENA). A new EU funded project. <i>Therapie</i> , 2007 , 62, 259-70	3.8	12

98	Body fat percentage comparisons between four methods in young football players: are they comparable?. <i>Nutricion Hospitalaria</i> , 2017 , 34, 1119-1124	1	12
97	The relative age effect on physical fitness in preschool children. <i>Journal of Sports Sciences</i> , 2020 , 38, 1506-1512	6.8	12
96	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
95	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
94	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
93	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
92	Higher bone mass in prepubertal and peripubertal female footballers. <i>European Journal of Sport Science</i> , 2016 , 16, 877-83	3.9	10
91	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
90	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
89	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
88	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. <i>BioMed Research International</i> , 2018 , 2018, 5178284	3	10
87	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
86	Effects of eccentric exercise on cycling efficiency. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005 , 30, 259-75		9
85	Effect of endurance and resistance training on regional fat mass and lipid profile. <i>Nutricion Hospitalaria</i> , 2013 , 28, 340-6	1	9
84	'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
83	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
82	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
81	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

80	Five year trends on total and abdominal adiposity in Spanish adolescents. <i>Nutricion Hospitalaria</i> , 2012 , 27, 731-8	1	8
79	Heart Rate Variability and Exceptional Longevity. <i>Frontiers in Physiology</i> , 2020 , 11, 566399	4.6	8
78	Low interest in physical activity and higher rates of obesity among rural teachers. <i>Work</i> , 2020 , 67, 1015-1022	10.2	8
77	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
76	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
75	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
74	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
73	Role of cardiorespiratory fitness on the association between physical activity and abdominal fat content in adolescents: the HELENA study. <i>International Journal of Sports Medicine</i> , 2010 , 31, 679-82	3.6	7
72	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
71	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
70	Vigorous physical activity patterns affect bone growth during early puberty in boys. <i>Osteoporosis International</i> , 2018 , 29, 2693-2701	5.3	7
69	Is Sitting Time Related with Physical Fitness in Spanish elderly Population? The EXERNET Multicenter Study. <i>Journal of Nutrition, Health and Aging</i> , 2019 , 23, 401-407	5.2	6
68	Mediterranean diet, diet quality, and bone mineral content in adolescents: the HELENA study. <i>Osteoporosis International</i> , 2018 , 29, 1329-1340	5.3	6
67	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
66	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
65	La obesidad infantil se puede reducir mejor mediante actividad física vigorosa que mediante restricción calórica. <i>Apuntes Medicina De Lfisport</i> , 2009 , 44, 111-118	0.6	6
64	Masa muscular, fuerza isométrica y dinámica en las extremidades inferiores de niños y adolescentes con síndrome de Down. <i>Biomedica</i> , 2009 , 17,	1	6
63	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

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