

Antonio Garcia-Hermoso

List of Publications by Year in descending order

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Version: 2024-02-01

268
papers

7,123
citations

76294

40
h-index

106281

65
g-index

274
all docs

274
docs citations

274
times ranked

7983
citing authors

#	ARTICLE	IF	CITATIONS
1	International Exercise Recommendations in Older Adults (ICFSR): Expert Consensus Guidelines. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 824-853.	1.5	384
2	Muscular Strength as a Predictor of All-Cause Mortality in an Apparently Healthy Population: A Systematic Review and Meta-Analysis of Data From Approximately 2 Million Men and Women. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 2100-2113.e5.	0.5	334
3	Is Muscular Fitness Associated with Future Health Benefits in Children and Adolescents? A Systematic Review and Meta-Analysis of Longitudinal Studies. <i>Sports Medicine</i> , 2019, 49, 1079-1094.	3.1	294
4	The effects of physical exercise in children with attention deficit hyperactivity disorder: a systematic review and meta-analysis of randomized control trials. <i>Child: Care, Health and Development</i> , 2015, 41, 779-788.	0.8	171
5	Effectiveness of physical activity interventions on preventing gestational diabetes mellitus and excessive maternal weight gain: a meta-analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 1167-1174.	1.1	146
6	Is high-intensity interval training more effective on improving cardiometabolic risk and aerobic capacity than other forms of exercise in overweight and obese youth? A meta-analysis. <i>Obesity Reviews</i> , 2016, 17, 531-540.	3.1	133
7	Methodological Characteristics and Future Directions for Plyometric Jump Training Research: A Scoping Review. <i>Sports Medicine</i> , 2018, 48, 1059-1081.	3.1	109
8	Effects of exercise-based interventions on postpartum depression: A meta-analysis of randomized controlled trials. <i>Birth</i> , 2017, 44, 200-208.	1.1	103
9	Concurrent aerobic plus resistance exercise versus aerobic exercise alone to improve health outcomes in paediatric obesity: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018, 52, 161-166.	3.1	101
10	Association of Cardiorespiratory Fitness Levels During Youth With Health Risk Later in Life. <i>JAMA Pediatrics</i> , 2020, 174, 952.	3.3	101
11	Playground Designs to Increase Physical Activity Levels During School Recess. <i>Health Education and Behavior</i> , 2014, 41, 138-144.	1.3	100
12	Prevalence of meeting 24-Hour Movement Guidelines from pre-school to adolescence: A systematic review and meta-analysis including 387,437 participants and 23 countries. <i>Journal of Sport and Health Science</i> , 2022, 11, 427-437.	3.3	95
13	Safety and Effectiveness of Long-Term Exercise Interventions in Older Adults: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Sports Medicine</i> , 2020, 50, 1095-1106.	3.1	91
14	Replacing Sedentary Time: Meta-analysis of Objective-Assessment Studies. <i>American Journal of Preventive Medicine</i> , 2018, 55, 395-402.	1.6	83
15	Reference values for handgrip strength and their association with intrinsic capacity domains among older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 278-286.	2.9	82
16	Effects of exercise during pregnancy on mode of delivery: a meta-analysis. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015, 94, 1039-1047.	1.3	76
17	Association of Physical Education With Improvement of Health-Related Physical Fitness Outcomes and Fundamental Motor Skills Among Youths. <i>JAMA Pediatrics</i> , 2020, 174, e200223.	3.3	75
18	Physical Activity, Sedentary Behavior, Sleep and Self-Regulation in Spanish Preschoolers during the COVID-19 Lockdown. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 693.	1.2	73

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19	Effects of exercise on resting blood pressure in obese children: a meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , 2013, 14, 919-928.	3.1	71
20	Percentage of Body Fat and Fat Mass Index as a Screening Tool for Metabolic Syndrome Prediction in Colombian University Students. <i>Nutrients</i> , 2017, 9, 1009.	1.7	71
21	Effectiveness of school-based physical activity programmes on cardiorespiratory fitness in children: a meta-analysis of randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2018, 52, 1234-1240.	3.1	71
22	Improvement of the lipid profile with exercise in obese children: A systematic review. <i>Preventive Medicine</i> , 2012, 54, 293-301.	1.6	70
23	A Narrative Review of Motor Competence in Children and Adolescents: What We Know and What We Need to Find Out. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 18.	1.2	70
24	Exercise, adipokines and pediatric obesity: a meta-analysis of randomized controlled trials. <i>International Journal of Obesity</i> , 2017, 41, 475-482.	1.6	62
25	Exercise, health outcomes, and pediatric obesity: A systematic review of meta-analyses. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 76-84.	0.6	60
26	Effects of exercise interventions on the functional status of acutely hospitalised older adults: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2020, 61, 101076.	5.0	56
27	Handgrip strength cutoff for cardiometabolic risk index among Colombian children and adolescents: The FUPRECOL Study. <i>Scientific Reports</i> , 2017, 7, 42622.	1.6	54
28	Physical exercise and reduction of pain in adults with lower limb osteoarthritis: A systematic review. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2010, 23, 175-186.	0.4	52
29	Methodological characteristics and future directions for plyometric jump training research: A scoping review update. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 983-997.	1.3	52
30	Ideal Cardiovascular Health and Incident Cardiovascular Disease Among Adults: A Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2018, 93, 1589-1599.	1.4	51
31	Physical activity, screen time and subjective well-being among children. <i>International Journal of Clinical and Health Psychology</i> , 2020, 20, 126-134.	2.7	51
32	Cycling to School and Body Composition, Physical Fitness, and Metabolic Syndrome in Children and Adolescents. <i>Journal of Pediatrics</i> , 2017, 188, 57-63.	0.9	50
33	Effects of exercise on functional aerobic capacity in lower limb osteoarthritis: A systematic review. <i>Journal of Science and Medicine in Sport</i> , 2011, 14, 190-198.	0.6	49
34	Handgrip Strength and Ideal Cardiovascular Health among Colombian Children and Adolescents. <i>Journal of Pediatrics</i> , 2016, 179, 82-89.e1.	0.9	49
35	Construct validity and test-retest reliability of the International Fitness Scale (IFIS) in Spanish children aged 9-12 years. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 543-551.	1.3	48
36	The Effects of Exercise on Abdominal Fat and Liver Enzymes in Pediatric Obesity: A Systematic Review and Meta-Analysis. <i>Childhood Obesity</i> , 2017, 13, 272-282.	0.8	48

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37	Effects of physical education interventions on cognition and academic performance outcomes in children and adolescents: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2021, 55, 1224-1232.	3.1	48
38	Reallocating sedentary time to moderate-to-vigorous physical activity but not to light-intensity physical activity is effective to reduce adiposity among youths: a systematic review and meta-analysis. <i>Obesity Reviews</i> , 2017, 18, 1088-1095.	3.1	46
39	ENDOCRINOLOGY AND ADOLESCENCE: Aerobic exercise reduces insulin resistance markers in obese youth: a meta-analysis of randomized controlled trials. <i>European Journal of Endocrinology</i> , 2014, 171, R163-R171.	1.9	45
40	Improvement of Continence Rate with Pelvic Floor Muscle Training Post-Prostatectomy: A Meta-Analysis of Randomized Controlled Trials. <i>Urologia Internationalis</i> , 2015, 94, 125-132.	0.6	44
41	Association between physical activity, sedentary behavior, and fitness with health related quality of life in healthy children and adolescents. <i>Medicine (United States)</i> , 2017, 96, e6407.	0.4	44
42	High-speed resistance training in elderly women: Effects of cluster training sets on functional performance and quality of life. <i>Experimental Gerontology</i> , 2018, 110, 216-222.	1.2	44
43	Effectiveness of HIIT compared to moderate continuous training in improving vascular parameters in inactive adults. <i>Lipids in Health and Disease</i> , 2019, 18, 42.	1.2	43
44	Effects of plyometric jump training in female soccer players' vertical jump height: A systematic review with meta-analysis. <i>Journal of Sports Sciences</i> , 2020, 38, 1475-1487.	1.0	43
45	Normal-Weight Obesity Is Associated with Increased Cardiometabolic Risk in Young Adults. <i>Nutrients</i> , 2020, 12, 1106.	1.7	43
46	Is adherence to the Mediterranean diet associated with healthy habits and physical fitness? A systematic review and meta-analysis including 565,421 youths. <i>British Journal of Nutrition</i> , 2022, 128, 1433-1444.	1.2	42
47	Effects of different doses of high-speed resistance training on physical performance and quality of life in older women: a randomized controlled trial. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1797-1804.	1.3	40
48	Tri-Ponderal Mass Index vs. Fat Mass/Height ³ as a Screening Tool for Metabolic Syndrome Prediction in Colombian Children and Young People. <i>Nutrients</i> , 2018, 10, 412.	1.7	40
49	Physical Function and All-Cause Mortality in Older Adults Diagnosed With Cancer: A Systematic Review and Meta-Analysis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1447-1453.	1.7	40
50	Improvement of aerobic fitness in obese children: a meta-analysis. <i>Pediatric Obesity</i> , 2011, 6, 169-177.	3.2	39
51	Normative Values for the Short Physical Performance Battery (SPPB) and Their Association With Anthropometric Variables in Older Colombian Adults. The SABE Study, 2015. <i>Frontiers in Medicine</i> , 2020, 7, 52.	1.2	39
52	Is device-measured vigorous physical activity associated with health-related outcomes in children and adolescents? A systematic review and meta-analysis. <i>Journal of Sport and Health Science</i> , 2021, 10, 296-307.	3.3	39
53	Effects of Exercise-Based Interventions on Neonatal Outcomes. <i>American Journal of Health Promotion</i> , 2016, 30, 214-223.	0.9	38
54	Acute Effects of High Intensity, Resistance, or Combined Protocol on the Increase of Level of Neurotrophic Factors in Physically Inactive Overweight Adults: The BrainFit Study. <i>Frontiers in Physiology</i> , 2018, 9, 741.	1.3	38

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55	Handgrip and knee extension strength as predictors of cancer mortality: A systematic review and meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1852-1858.	1.3	37
56	Effects of Exercise Intervention on Health-Related Physical Fitness and Blood Pressure in Preschool Children: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Sports Medicine</i> , 2020, 50, 187-203.	3.1	37
57	Physical fitness and anthropometric normative values among Colombian-Indian schoolchildren. <i>BMC Public Health</i> , 2016, 16, 962.	1.2	36
58	Changes in muscle power after usual care or early structured exercise intervention in acutely hospitalized older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 997-1006.	2.9	36
59	The effects of plyometric jump training on physical fitness attributes in basketball players: A meta-analysis. <i>Journal of Sport and Health Science</i> , 2022, 11, 656-670.	3.3	36
60	Relationship of weight status, physical activity and screen time with academic achievement in adolescents. <i>Obesity Research and Clinical Practice</i> , 2017, 11, 44-50.	0.8	35
61	Cardiorespiratory Fitness and Muscular Strength as Mediators of the Influence of Fatness on Academic Achievement. <i>Journal of Pediatrics</i> , 2017, 187, 127-133.e3.	0.9	35
62	Comparison of Bioelectrical Impedance Analysis, Slaughter Skinfold-Thickness Equations, and Dual-Energy X-ray Absorptiometry for Estimating Body Fat Percentage in Colombian Children and Adolescents with Excess of Adiposity. <i>Nutrients</i> , 2018, 10, 1086.	1.7	35
63	Active Commuting to School, Weight Status, and Cardiometabolic Risk in Children From Rural Areas. <i>Health Education and Behavior</i> , 2015, 42, 231-239.	1.3	33
64	Homeostasis Model Assessment cut-off points related to metabolic syndrome in children and adolescents: a systematic review and meta-analysis. <i>European Journal of Pediatrics</i> , 2019, 178, 1813-1822.	1.3	32
65	A before-school physical activity intervention to improve cognitive parameters in children: The ActiveStart study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 108-116.	1.3	32
66	Cardiorespiratory fitness measured with cardiopulmonary exercise testing and mortality in patients with cardiovascular disease: A systematic review and meta-analysis. <i>Journal of Sport and Health Science</i> , 2021, 10, 609-619.	3.3	32
67	Acute effect of three different exercise training modalities on executive function in overweight inactive men: A secondary analysis of the BrainFit study. <i>Physiology and Behavior</i> , 2018, 197, 22-28.	1.0	31
68	Effects of kinesio taping alone versus sham taping in individuals with musculoskeletal conditions after intervention for at least one week: a systematic review and meta-analysis. <i>Physiotherapy</i> , 2019, 105, 412-420.	0.2	31
69	Metabolic Syndrome and Associated Factors in a Population-Based Sample of Schoolchildren in Colombia: The FUPRECOL Study. <i>Metabolic Syndrome and Related Disorders</i> , 2016, 14, 455-462.	0.5	30
70	Fat-to-Muscle Ratio: A New Anthropometric Indicator as a Screening Tool for Metabolic Syndrome in Young Colombian People. <i>Nutrients</i> , 2018, 10, 1027.	1.7	30
71	Effect of exercise on myosteatosis in adults: a systematic review and meta-analysis. <i>Journal of Applied Physiology</i> , 2021, 130, 245-255.	1.2	30
72	A 12-Year Analysis of Pacing Strategies in 200- and 400-M Individual Medley in International Swimming Competitions. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 3289-3296.	1.0	27

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73	Lean mass as a total mediator of the influence of muscular fitness on bone health in schoolchildren: a mediation analysis. <i>Journal of Sports Sciences</i> , 2015, 33, 817-830.	1.0	27
74	Effects of beta-hydroxy-beta-methylbutyrate supplementation on strength and body composition in trained and competitive athletes: A meta-analysis of randomized controlled trials. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 727-735.	0.6	27
75	Role of sleep duration and sleep-related problems in the metabolic syndrome among children and adolescents. <i>Italian Journal of Pediatrics</i> , 2018, 44, 9.	1.0	27
76	Tracking of physical fitness levels from childhood and adolescence to adulthood: a systematic review and meta-analysis. <i>Translational Pediatrics</i> , 2022, 11, 474-486.	0.5	27
77	Screen time impairs the relationship between physical fitness and academic attainment in children. <i>Jornal De Pediatria</i> , 2015, 91, 339-345.	0.9	26
78	Muscular fitness as a mediator of quality cardiopulmonary resuscitation. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1845-1849.	0.7	26
79	Active commuting to and from university, obesity and metabolic syndrome among Colombian university students. <i>BMC Public Health</i> , 2018, 18, 523.	1.2	26
80	Differences and Discriminatory Power of Water Polo Game-Related Statistics in Men in International Championships and Their Relationship With the Phase of the Competition. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 893-901.	1.0	25
81	Muscular fitness, adherence to the Southern European Atlantic Diet and cardiometabolic risk factors in adolescents. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 695-702.	1.1	25
82	Bullying victimization, physical inactivity and sedentary behavior among children and adolescents: a meta-analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 114.	2.0	25
83	Performance of Two Bioelectrical Impedance Analyses in the Diagnosis of Overweight and Obesity in Children and Adolescents: The FUPRECOL Study. <i>Nutrients</i> , 2016, 8, 575.	1.7	24
84	Water Polo Game-Related Statistics in Women's International Championships: Differences and Discriminatory Power. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 475-82.	0.7	24
85	Effects of preterm birth and fetal growth retardation on life-course cardiovascular risk factors among schoolchildren from Colombia: The FUPRECOL study. <i>Early Human Development</i> , 2017, 106-107, 53-58.	0.8	23
86	Normative Reference Values for Handgrip Strength in Chilean Children at 8-12 Years Old Using the Empirical Distribution and the Lambda, Mu, and Sigma Statistical Methods. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 260-266.	1.0	23
87	Effects of Vertically and Horizontally Orientated Plyometric Training on Physical Performance: A Meta-analytical Comparison. <i>Sports Medicine</i> , 2021, 51, 65-79.	3.1	23
88	Evidence-Based Exercise Recommendations to Improve Mental Wellbeing in Women with Breast Cancer during Active Treatment: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2021, 13, 264.	1.7	23
89	Effects of Aerobic Plus Resistance Exercise on Body Composition Related Variables in Pediatric Obesity: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Pediatric Exercise Science</i> , 2015, 27, 431-440.	0.5	22
90	Effects of exercise on functional aerobic capacity in adults with fibromyalgia syndrome: A systematic review of randomized controlled trials. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2015, 28, 609-619.	0.4	22

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91	Effects of Exercise on Carotid Arterial Wall Thickness in Obese Pediatric Populations: A Meta-Analysis of Randomized Controlled Trials. <i>Childhood Obesity</i> , 2017, 13, 138-145.	0.8	22
92	Exercise and postprandial lipemia: effects on vascular health in inactive adults. <i>Lipids in Health and Disease</i> , 2018, 17, 69.	1.2	22
93	Health-related physical fitness and weight status in 13- to 15-year-old Latino adolescents. A pooled analysis. <i>Jornal De Pediatria</i> , 2019, 95, 435-442.	0.9	22
94	Adherence to Mediterranean Diet Related with Physical Fitness and Physical Activity in Schoolchildren Aged 6-13. <i>Nutrients</i> , 2020, 12, 567.	1.7	22
95	Normal-Weight Obesity Is Associated with Poorer Cardiometabolic Profile and Lower Physical Fitness Levels in Children and Adolescents. <i>Nutrients</i> , 2020, 12, 1171.	1.7	22
96	Associations between the duration of active commuting to school and academic achievement in rural Chilean adolescents. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 31.	1.4	21
97	Changes in muscular fitness and its association with blood pressure in adolescents. <i>European Journal of Pediatrics</i> , 2018, 177, 1101-1109.	1.3	21
98	Effects of Polarized Training on Cardiometabolic Risk Factors in Young Overweight and Obese Women: A Randomized-Controlled Trial. <i>Frontiers in Physiology</i> , 2018, 9, 1287.	1.3	21
99	Discriminatory Power of Women's Handball Game-Related Statistics at the Olympic Games (2004-2016). <i>Journal of Human Kinetics</i> , 2018, 62, 221-229.	0.7	21
100	Construct validity and test-retest reliability of the International Fitness Scale (IFIS) in Colombian children and adolescents aged 9-17.9 years: the FUPRECOL study. <i>PeerJ</i> , 2017, 5, e3351.	0.9	20
101	Ideal Cardiovascular Health and Arterial Stiffness in Spanish Adults-The EVIDENT Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1386-1394.	0.7	20
102	Optimal Adherence to a Mediterranean Diet May Not Overcome the Deleterious Effects of Low Physical Fitness on Cardiovascular Disease Risk in Adolescents: A Cross-Sectional Pooled Analysis. <i>Nutrients</i> , 2018, 10, 815.	1.7	20
103	Effects of exercise training on Fetuin-a in obese, type 2 diabetes and cardiovascular disease in adults and elderly: a systematic review and Meta-analysis. <i>Lipids in Health and Disease</i> , 2019, 18, 23.	1.2	20
104	Exercise-based interventions and C-reactive protein in overweight and obese youths: a meta-analysis of randomized controlled trials. <i>Pediatric Research</i> , 2016, 79, 522-527.	1.1	19
105	Relationship between Handgrip Strength and Muscle Mass in Female Survivors of Breast Cancer: A Mediation Analysis. <i>Nutrients</i> , 2017, 9, 695.	1.7	19
106	Validation of multi-frequency bioelectrical impedance analysis versus dual-energy X-ray absorptiometry to measure body fat percentage in overweight/obese Colombian adults. <i>American Journal of Human Biology</i> , 2018, 30, e23071.	0.8	19
107	Results from Chile's 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018, 15, S331-S332.	1.0	19
108	The Effects of Long-Acting Stimulant and Nonstimulant Medications in Children and Adolescents with Attention-Deficit/Hyperactivity Disorder: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2018, 28, 494-507.	0.7	19

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109	Association between bullying victimization and physical fitness among children and adolescents. <i>International Journal of Clinical and Health Psychology</i> , 2019, 19, 134-140.	2.7	19
110	Accuracy of different cutoffs of the waist-to-height ratio as a screening tool for cardiometabolic risk in children and adolescents: A systematic review and meta-analysis of diagnostic test accuracy studies. <i>Obesity Reviews</i> , 2022, 23, e13375.	3.1	19
111	Relationship between final performance and block times with the traditional and the new starting platforms with a back plate in international swimming championship 50-m and 100-m freestyle events. <i>Journal of Sports Science and Medicine</i> , 2013, 12, 698-706.	0.7	19
112	High Intensity Interval- vs Resistance or Combined- Training for Improving Cardiometabolic Health in Overweight Adults (Cardiometabolic HIIT-RT Study): study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 298.	0.7	18
113	Adiposity as a full mediator of the influence of cardiorespiratory fitness and inflammation in schoolchildren: The FUPRECOL Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 525-533.	1.1	18
114	Effect of Moderate- Versus High-Intensity Interval Exercise Training on Heart Rate Variability Parameters in Inactive Latin-American Adults: A Randomized Clinical Trial. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3403-3415.	1.0	18
115	Predictive Ability of Waist Circumference and Waist-to-Height Ratio for Cardiometabolic Risk Screening among Spanish Children. <i>Nutrients</i> , 2020, 12, 415.	1.7	18
116	Effects of Bilateral and Unilateral Resistance Training on Horizontally Orientated Movement Performance: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2021, 51, 225-242.	3.1	18
117	Racial differences in all-cause mortality and future complications among people with diabetes: a systematic review and meta-analysis of data from more than 2.4 million individuals. <i>Diabetologia</i> , 2021, 64, 2389-2401.	2.9	18
118	Handgrip strength: Normative reference values in males and females aged 6-64 Years old in a Colombian population. <i>Clinical Nutrition ESPEN</i> , 2021, 44, 379-386.	0.5	18
119	Predictive Validity of the Body Adiposity Index in Overweight and Obese Adults Using Dual-Energy X-ray Absorptiometry. <i>Nutrients</i> , 2016, 8, 737.	1.7	17
120	Energy Expenditure in Playground Games in Primary School Children Measured by Accelerometer and Heart Rate Monitors. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017, 27, 467-474.	1.0	17
121	Exercise during pregnancy on maternal lipids: a secondary analysis of randomized controlled trial. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 396.	0.9	17
122	Can a before-school physical activity program decrease bullying victimization in disadvantaged children? The Active-Start Study. <i>International Journal of Clinical and Health Psychology</i> , 2019, 19, 237-242.	2.7	17
123	Independent and combined effects of handgrip strength and adherence to a Mediterranean diet on blood pressure in Chilean children. <i>Nutrition</i> , 2019, 60, 170-174.	1.1	17
124	Fatness mediates the influence of muscular fitness on metabolic syndrome in Colombian collegiate students. <i>PLoS ONE</i> , 2017, 12, e0173932.	1.1	17
125	Relación entre actividad física diaria, actividad física en el patio escolar, edad y sexo en escolares de educación primaria. <i>Revista Espanola De Salud Publica</i> , 2011, 85, 481-489.	0.3	17
126	Self-determined motivation, physical exercise and diet in obese children: A three-year follow-up study. <i>International Journal of Clinical and Health Psychology</i> , 2014, 14, 195-201.	2.7	16

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127	A Cross-Sectional Study of the Prevalence of Metabolic Syndrome and Associated Factors in Colombian Collegiate Students: The FUPRECOL-Adults Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 233.	1.2	16
128	Can physical activity attenuate the negative association between sitting time and cognitive function among older adults? A mediation analysis. <i>Experimental Gerontology</i> , 2018, 106, 173-177.	1.2	16
129	Effects of Plyometric Training on Explosive and Endurance Performance at Sea Level and at High Altitude. <i>Frontiers in Physiology</i> , 2018, 9, 1415.	1.3	16
130	Longitudinal association between ideal cardiovascular health status and muscular fitness in adolescents: The LabMed Physical Activity Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 892-899.	1.1	16
131	Cardiorespiratory Fitness Cut-Points are Related to Body Adiposity Parameters in Latin American Adolescents. <i>Medicina (Lithuania)</i> , 2019, 55, 508.	0.8	16
132	Handgrip strength attenuates the adverse effects of overweight on cardiometabolic risk factors among collegiate students but not in individuals with higher fat levels. <i>Scientific Reports</i> , 2019, 9, 6986.	1.6	16
133	Cognitive Function Improvements Mediate Exercise Intervention Effects on Physical Performance in Acutely Hospitalized Older Adults. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 787-791.	1.2	16
134	Is adherence to 24-Hour Movement Guidelines associated with a higher academic achievement among adolescent males and females?. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 155-161.	0.6	16
135	2018 Chilean Physical Activity Report Card for Children and Adolescents: Full Report and International Comparisons. <i>Journal of Physical Activity and Health</i> , 2020, 17, 807-815.	1.0	16
136	Sedentary behaviour patterns and arterial stiffness in a Spanish adult population – The EVIDENT trial. <i>Atherosclerosis</i> , 2015, 243, 516-522.	0.4	15
137	Muscle strength cut-offs for the detection of metabolic syndrome in a nonrepresentative sample of collegiate students from Colombia. <i>Journal of Sport and Health Science</i> , 2020, 9, 283-290.	3.3	15
138	Healthy Lifestyle Behaviors and Their Association with Self-Regulation in Chilean Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5676.	1.2	15
139	Relationship between exchange block time in swim starts and final performance in relay races in international championships. <i>Journal of Sports Sciences</i> , 2014, 32, 1783-1789.	1.0	14
140	Sedentary behaviour patterns and carotid intima-media thickness in Spanish healthy adult population. <i>Atherosclerosis</i> , 2015, 239, 571-576.	0.4	14
141	Abdominal obesity as a mediator of the influence of physical activity on insulin resistance in Spanish adults. <i>Preventive Medicine</i> , 2016, 82, 59-64.	1.6	14
142	Using LMS tables to determine waist circumference and waist-to-height ratios in Colombian children and adolescents: the FUPRECOL study. <i>BMC Pediatrics</i> , 2017, 17, 162.	0.7	14
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