

Enrique Garcia Artero

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

7,127
citations

101384

36
h-index

58464

82
g-index

99
all docs

99
docs citations

99
times ranked

7453
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive validity of health-related fitness in youth: a systematic review. <i>British Journal of Sports Medicine</i> , 2009, 43, 909-923.	3.1	654
2	Field-based fitness assessment in young people: the ALPHA health-related fitness test battery for children and adolescents. <i>British Journal of Sports Medicine</i> , 2011, 45, 518-524.	3.1	491
3	Long-Term Effects of Changes in Cardiorespiratory Fitness and Body Mass Index on All-Cause and Cardiovascular Disease Mortality in Men. <i>Circulation</i> , 2011, 124, 2483-2490.	1.6	482
4	Review: Mortality trends in the general population: the importance of cardiorespiratory fitness. <i>Journal of Psychopharmacology</i> , 2010, 24, 27-35.	2.0	451
5	Criterion-related validity of field-based fitness tests in youth: a systematic review. <i>British Journal of Sports Medicine</i> , 2010, 44, 934-943.	3.1	344
6	Physical fitness levels among European adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011, 45, 20-29.	3.1	325
7	Effects of Muscular Strength on Cardiovascular Risk Factors and Prognosis. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2012, 32, 351-358.	1.2	325
8	Reliability of health-related physical fitness tests in European adolescents. The HELENA Study. <i>International Journal of Obesity</i> , 2008, 32, S49-S57.	1.6	262
9	Assessing Muscular Strength in Youth: Usefulness of Standing Long Jump as a General Index of Muscular Fitness. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1810-1817.	1.0	255
10	The Obesity Paradox, Cardiorespiratory Fitness, and Coronary Heart Disease. <i>Mayo Clinic Proceedings</i> , 2012, 87, 443-451.	1.4	226
11	A Prospective Study of Muscular Strength and All-Cause Mortality in Men With Hypertension. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1831-1837.	1.2	201
12	Reliability of Field-Based Fitness Tests in Youth. <i>International Journal of Sports Medicine</i> , 2011, 32, 159-169.	0.8	201
13	Muscular and cardiorespiratory fitness are independently associated with metabolic risk in adolescents: the HELENA study. <i>Pediatric Diabetes</i> , 2011, 12, 704-712.	1.2	198
14	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, 272-277.	1.0	177
15	Systematic Review and Proposal of a Field-Based Physical Fitness-Test Battery in Preschool Children: The PREFIT Battery. <i>Sports Medicine</i> , 2015, 45, 533-555.	3.1	167
16	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, 418-427.	1.3	153
17	Maximal Estimated Cardiorespiratory Fitness, Cardiometabolic Risk Factors, and Metabolic Syndrome in the Aerobics Center Longitudinal Study. <i>Mayo Clinic Proceedings</i> , 2013, 88, 259-270.	1.4	111
18	Hand Span Influences Optimal Grip Span in Boys and Girls Aged 6 to 12 Years. <i>Journal of Hand Surgery</i> , 2008, 33, 378-384.	0.7	99

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19	Longitudinal Algorithms to Estimate Cardiorespiratory Fitness. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2289-2296.	1.2	97
20	Assessing Health-Related Fitness Tests in the School Setting: Reliability, Feasibility and Safety; The ALPHA Study. <i>International Journal of Sports Medicine</i> , 2010, 31, 490-497.	0.8	86
21	Ideal Cardiovascular Health and Mortality: Aerobics Center Longitudinal Study. <i>Mayo Clinic Proceedings</i> , 2012, 87, 944-952.	1.4	84
22	Longitudinal Cardiorespiratory Fitness Algorithms for Clinical Settings. <i>American Journal of Preventive Medicine</i> , 2012, 43, 512-519.	1.6	82
23	Muscular Strength and Cardiovascular Disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2020, 40, 302-309.	1.2	80
24	Cardiorespiratory fitness and ideal cardiovascular health in European adolescents. <i>Heart</i> , 2015, 101, 766-773.	1.2	79
25	Climbing time to exhaustion is a determinant of climbing performance in high-level sport climbers. <i>European Journal of Applied Physiology</i> , 2009, 107, 517-525.	1.2	71
26	Aquatic therapy improves pain, disability, quality of life, body composition and fitness in sedentary adults with chronic low back pain. A controlled clinical trial. <i>Clinical Rehabilitation</i> , 2014, 28, 350-360.	1.0	62
27	Association of Resistance Exercise, Independent of and Combined With Aerobic Exercise, With the Incidence of Metabolic Syndrome. <i>Mayo Clinic Proceedings</i> , 2017, 92, 1214-1222.	1.4	61
28	Muscular fitness, fatness and inflammatory biomarkers in adolescents. <i>Pediatric Obesity</i> , 2014, 9, 391-400.	1.4	60
29	Self-reported physical activity in European adolescents: results from the HELENA (Healthy Lifestyle in Europe) Collaborative Study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011, 8, 111.	1.1	53
30	A Prospective Study of Ideal Cardiovascular Health and Depressive Symptoms. <i>Psychosomatics</i> , 2013, 54, 525-535.	2.5	50
31	Influence of socioeconomic factors on fitness and fatness in Spanish adolescents: The AVENA study. <i>Pediatric Obesity</i> , 2010, 5, 467-473.	3.2	42
32	Dietary indices, cardiovascular risk factors and mortality in middle-aged adults: findings from the Aerobics Center Longitudinal Study. <i>Annals of Epidemiology</i> , 2014, 24, 297-303.e2.	0.9	42
33	Fitness, Fatness, and Survival in Adults With Prediabetes. <i>Diabetes Care</i> , 2014, 37, 529-536.	4.3	38
34	Physical Activity, Fitness, and Serum Leptin Concentrations in Adolescents. <i>Journal of Pediatrics</i> , 2012, 160, 598-603.e2.	0.9	37
35	Cardiorespiratory Fitness and Risk of Sudden Cardiac Death in Men and Women in the United States. <i>Mayo Clinic Proceedings</i> , 2016, 91, 849-857.	1.4	35
36	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, 469-477.	1.0	34

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37	Grip strength cutpoints for youth based on a clinically relevant bone health outcome. Archives of Osteoporosis, 2018, 13, 92.	1.0	34
38	Effects of whole-body vibration and resistance training on knee extensors muscular performance. European Journal of Applied Physiology, 2012, 112, 1371-1378.	1.2	33
39	Effects of Different Frequencies (2â€“3 Days/Week) of Aquatic Therapy Program in Adults with Chronic Low Back Pain. A Non-Randomized Comparison Trial. Pain Medicine, 2013, 14, 145-158.	0.9	30
40	Physical Activity: Does Environment Make a Difference for Tension, Stress, Emotional Outlook, and Perceptions of Health Status?. Journal of Physical Activity and Health, 2014, 11, 1503-1511.	1.0	30
41	Muscle strength field-based tests to identify European adolescents at risk of metabolic syndrome: The HELENA study. Journal of Science and Medicine in Sport, 2019, 22, 929-934.	0.6	29
42	Sedentary behaviour and clustered metabolic risk in adolescents: The HELENA study. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 1017-1024.	1.1	26
43	Effects of Exercise Training on Weight Loss in Patients Who Have Undergone Bariatric Surgery: a Systematic Review and Meta-Analysis of Controlled Trials. Obesity Surgery, 2019, 29, 3371-3384.	1.1	26
44	Associations between objectively measured and selfâ€“reported sleep with academic and cognitive performance in adolescents: <scp>DADOS</scp> study. Journal of Sleep Research, 2019, 28, e12811.	1.7	26
45	Body adiposity index and incident hypertension: The Aerobics Center Longitudinal Study. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 969-975.	1.1	25
46	Changes in Gastric Volume and Their Implications for Weight Loss after Laparoscopic Sleeve Gastrectomy. Obesity Surgery, 2017, 27, 303-309.	1.1	23
47	Breast-Feeding Modulates the Influence of the Peroxisome Proliferator-Activated Receptor-Â (PPARG2) Pro12Ala Polymorphism on Adiposity in Adolescents: The Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) cross-sectional study. Diabetes Care, 2010, 33, 190-196.	4.3	22
48	Can differences in physical activity by socio-economic status in European adolescents be explained by differences in psychosocial correlates? A mediation analysis within the HELENA (Healthy Lifestyle in) Tj ETQq0 0 0 rgBT /Overlork 10 Tf 5		
49	Longer Breastfeeding Is Associated with Increased Lower Body Explosive Strength during Adolescence. Journal of Nutrition, 2010, 140, 1989-1995.	1.3	20
50	Body adiposity index and allâ€“cause and cardiovascular disease mortality in men. Obesity, 2013, 21, 1870-1876.	1.5	20
51	Criterion-related validity of field-based muscular fitness tests in youth. Journal of Sports Medicine and Physical Fitness, 2012, 52, 263-72.	0.4	20
52	Supervised exercise following bariatric surgery in morbid obese adults: CERT-based exercise study protocol of the EFIBAR randomised controlled trial. BMC Surgery, 2019, 19, 127.	0.6	19
53	Antioxidant Vitamin Status (A, E, C, and Beta-Carotene) in European Adolescents - The HELENA Study. International Journal for Vitamin and Nutrition Research, 2011, 81, 245-255.	0.6	19
54	The Effect of Physical Activity Interventions on Glycosylated Haemoglobin (HbA1c) in Non-diabetic Populations: A Systematic Review and Meta-analysis. Sports Medicine, 2018, 48, 1151-1164.	3.1	18

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55	The relative age effect on physical fitness in preschool children. <i>Journal of Sports Sciences</i> , 2020, 38, 1506-1515.	1.0	17
56	Physical Activity, Measures of Obesity, and Cardiometabolic Risk: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Physical Activity and Health</i> , 2014, 11, 831-837.	1.0	15
57	Effects on adolescents' lipid profile of a fitness-enhancing intervention in the school setting; the EDUFIT study. <i>Nutricion Hospitalaria</i> , 2013, 28, 119-26.	0.2	12
58	ANTHROPOMETRIC CHARACTERISTICS AND PHYSICAL FITNESS LEVEL IN RELATION TO BODY WEIGHT STATUS IN CHILEAN PRESCHOOL CHILDREN. <i>Nutricion Hospitalaria</i> , 2015, 32, 346-53.	0.2	12
59	Regular Practice of Competitive Sports Does Not Impair Sleep in Adolescents: DADOS Study. <i>Pediatric Exercise Science</i> , 2018, 30, 229-236.	0.5	11
60	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, 679-682.	0.8	10
61	Breastfeeding in Infancy Is Not Associated with Inflammatory Status in Healthy Adolescents. <i>Journal of Nutrition</i> , 2011, 141, 411-417.	1.3	10
62	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.	1.1	10
63	Association of physical fitness and fatness with cognitive function in women with fibromyalgia. <i>Journal of Sports Sciences</i> , 2016, 34, 1731-1739.	1.0	9
64	Physical Exercise following bariatric surgery in women with Morbid obesity. <i>Medicine (United States)</i> , 2020, 99, e19427.	0.4	8
65	Disability Predictors in Chronic Low Back Pain After Aquatic Exercise. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 615-623.	0.7	7
66	Heart Rate Variability in Women with Systemic Lupus Erythematosus: Association with Health-Related Parameters and Effects of Aerobic Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9501.	1.2	7
67	Prediction of cardiovascular health by non-exercise estimated cardiorespiratory fitness. <i>Heart</i> , 2020, 106, 1832-1838.	1.2	7
68	Supervised Exercise Immediately After Bariatric Surgery: the Study Protocol of the EFIBAR Randomized Controlled Trial. <i>Obesity Surgery</i> , 2021, 31, 4227-4235.	1.1	7
69	Replicability of exercise programs following bariatric surgery. <i>Atherosclerosis</i> , 2018, 278, 330-331.	0.4	6
70	Influence of Body Composition on Arterial Stiffness in Middle-Aged Adults: Healthy UAL Cross-Sectional Study. <i>Medicina (Lithuania)</i> , 2019, 55, 334.	0.8	6
71	Improvements in Heart Rate Variability in Women with Obesity: Short-term Effects of Sleeve Gastrectomy. <i>Obesity Surgery</i> , 2020, 30, 4038-4045.	1.1	6
72	Physical activity, measures of obesity, and cardiometabolic risk: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Physical Activity and Health</i> , 2014, 11, 831-7.	1.0	6

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73	Impact of exercise training after bariatric surgery on cardiometabolic risk factors: a systematic review and meta-analysis of controlled trials. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 891-912.	2.6	5
74	Breastfeeding Shows a Protective Trend toward Adolescents with Higher Abdominal Adiposity. <i>Obesity Facts</i> , 2014, 7, 289-301.	1.6	4
75	The effects of physical activity interventions on glycated haemoglobin A1c in non-diabetic populations: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e015801.	0.8	4
76	Do dietary patterns determine levels of vitamin B 6 , folate, and vitamin B 12 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.	1.1	4
77	Ideal cardiovascular health in women with systemic lupus erythematosus: Association with arterial stiffness, inflammation, and fitness. <i>International Journal of Cardiology</i> , 2021, 330, 207-213.	0.8	4
78	Physical Activity, Fitness and Fatness in Children and Adolescents. , 2011, , 347-366.		4
79	Validity and reliability of the International fitness scale (IFIS) in preschool children. <i>European Journal of Sport Science</i> , 2023, 23, 818-828.	1.4	4
80	Effects of bariatric surgery on cardiorespiratory fitness: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2022, 23, e13408.	3.1	3
81	Pain and Physical Function Following Bariatric Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 770.	3.8	2
82	When Will Physical Activity be Routinely Measured in the Clinical Setting? The Case for Bariatric Surgery. <i>American Journal of Hypertension</i> , 2016, 29, e1-e1.	1.0	2
83	Assessing Physical FITness In PREschool Children. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 517-518.	0.2	2
84	Use of whole-body vibration as a mode of warming up before counter movement jump. <i>Journal of Sports Science and Medicine</i> , 2007, 6, 574-5.	0.7	2
85	Influence of fitness improvement on performance level in international elite young road-race motorcyclists. <i>Science and Sports</i> , 2019, 34, e45-e52.	0.2	1
86	Muscular and Cardiorespiratory Fitness are Independently Associated with Metabolic Risk in Adolescents. The HELENA Study. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 98-99.	0.2	0
87	The Association of Changes in Cardiorespiratory Fitness and Body Mass Index with All-Cause Mortality. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 77.	0.2	0
88	Determinants Of Climbing Performance In High-level Sport Climbers. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 782.	0.2	0
89	RE: "CARDIORESPIRATORY FITNESS LEVELS AMONG US ADULTS 20-49 YEARS OF AGE: FINDINGS FROM THE 1999-2004 NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY". <i>American Journal of Epidemiology</i> , 2010, 171, 1323-1324.	1.6	0
90	Ideal Cardiovascular Health Assessments and All-cause and Cardiovascular Disease Mortality. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 27.	0.2	0

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91	Changes in Cardiorespiratory Fitness and Percent Body Fat with Incident Metabolic Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 27.	0.2	0
92	Abstract 16348: Comparison of Heart Rate Variability, Physical Activity, and Fitness Parameters Between Healthy Women and Breast Cancer Survivors. <i>Circulation</i> , 2020, 142, .	1.6	0