

David Jimnez-Pavn

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6691381/david-jimenez-pavon-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

3,782
citations

33
h-index

59
g-index

118
ext. papers

4,673
ext. citations

4.1
avg, IF

5.63
L-index

#	Paper	IF	Citations
98	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, 518-24	10.3	330
97	Associations between objectively measured habitual physical activity and adiposity in children and adolescents: Systematic review. <i>Pediatric Obesity</i> , 2010 , 5, 3-18		304
96	Criterion-related validity of field-based fitness tests in youth: a systematic review. <i>British Journal of Sports Medicine</i> , 2010 , 44, 934-43	10.3	267
95	Physical fitness levels among European adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011 , 45, 20-9	10.3	226
94	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
93	Sampling and processing of fresh blood samples within a European multicenter nutritional study: evaluation of biomarker stability during transport and storage. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 5, S66-75	5.5	106
92	A physical education trial improves adolescents' cognitive performance and academic achievement: the EDUFIT study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014 , 24, e52-61	4.6	99
91	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
90	Adiposity and bone health in Spanish adolescents. The HELENA study. <i>Osteoporosis International</i> , 2012 , 23, 937-47	5.3	88
89	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
88	Percentiles of fasting serum insulin, glucose, HbA1c and HOMA-IR in pre-pubertal normal weight European children from the IDEFICS cohort. <i>International Journal of Obesity</i> , 2014 , 38 Suppl 2, S39-47	5.5	67
87	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, 490-7	3.6	63
86	Climbing time to exhaustion is a determinant of climbing performance in high-level sport climbers. <i>European Journal of Applied Physiology</i> , 2009 , 107, 517-25	3.4	60
85	Associations Between Body Composition and Bone Health in Children and Adolescents: A Systematic Review. <i>Calcified Tissue International</i> , 2016 , 99, 557-577	3.9	59
84	Influence of physical fitness on cardio-metabolic risk factors in European children. The IDEFICS study. <i>International Journal of Obesity</i> , 2016 , 40, 1119-25	5.5	52
83	Physical activity and clustered cardiovascular disease risk factors in young children: a cross-sectional study (the IDEFICS study). <i>BMC Medicine</i> , 2013 , 11, 172	11.4	49
82	Muscular fitness, fatness and inflammatory biomarkers in adolescents. <i>Pediatric Obesity</i> , 2014 , 9, 391-400	4.6	47

81	Self-reported sleep duration, white blood cell counts and cytokine profiles in European adolescents: the HELENA study. <i>Sleep Medicine</i> , 2014 , 15, 1251-8	4.6	46
80	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
79	Impact of COVID-19 Confinement on Physical Activity and Sedentary Behaviour in Spanish University Students: Role of Gender. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	43
78	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
77	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
76	A Pandemic within the Pandemic? Physical Activity Levels Substantially Decreased in Countries Affected by COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	38
75	Is dairy consumption associated with low cardiovascular disease risk in European adolescents? Results from the HELENA Study. <i>Pediatric Obesity</i> , 2014 , 9, 401-10	4.6	37
74	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
73	Muscular strength and markers of insulin resistance in European adolescents: the HELENA Study. <i>European Journal of Applied Physiology</i> , 2012 , 112, 2455-65	3.4	36
72	Daily sugar-sweetened beverage consumption and insulin resistance in European adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. <i>Public Health Nutrition</i> , 2013 , 16, 479-86	3.3	35
71	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
70	Association between the FTO rs9939609 polymorphism and leptin in European adolescents: a possible link with energy balance control. The HELENA study. <i>International Journal of Obesity</i> , 2011 , 35, 66-71	5.5	35
69	Influence of socioeconomic factors on fitness and fatness in Spanish adolescents: the AVENA study. <i>Pediatric Obesity</i> , 2010 , 5, 467-73		35
68	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
67	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
66	Cardiorespiratory Fitness and Risk of Sudden Cardiac Death in Men and Women in the United States: A Prospective Evaluation From the Aerobics Center Longitudinal Study. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 849-57	6.4	29
65	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, 543-51	4.6	29
64	Comparison of several anthropometric indices with insulin resistance proxy measures among European adolescents: The Helena Study. <i>European Journal of Pediatrics</i> , 2011 , 170, 731-9	4.1	26

63	Physical activity, fitness, and serum leptin concentrations in adolescents. <i>Journal of Pediatrics</i> , 2012 , 160, 598-603.e2	3.6	25
62	Associations of parental education and parental physical activity (PA) with children's PA: the ENERGY cross-sectional study. <i>Preventive Medicine</i> , 2012 , 55, 310-314	4.3	24
61	Associations Between Pedometer-Determined Physical Activity and Adiposity in Children and Adolescents: Systematic Review. <i>Clinical Journal of Sport Medicine</i> , 2018 , 28, 64-75	3.2	23
60	Association of objectively measured physical activity with body components in European adolescents. <i>BMC Public Health</i> , 2013 , 13, 667	4.1	23
59	Independent and combined effects of physical activity and sedentary behavior on blood pressure in adolescents: gender differences in two cross-sectional studies. <i>PLoS ONE</i> , 2013 , 8, e62006	3.7	23
58	Eating behaviour, insulin resistance and cluster of metabolic risk factors in European adolescents. The HELENA study. <i>Appetite</i> , 2012 , 59, 140-7	4.5	21
57	Fitness and fatness are independently associated with markers of insulin resistance in European adolescents; the HELENA study. <i>Pediatric Obesity</i> , 2011 , 6, 253-60		20
56	High fat diets are associated with higher abdominal adiposity regardless of physical activity in adolescents; the HELENA study. <i>Clinical Nutrition</i> , 2014 , 33, 859-66	5.9	19
55	Effects of a moderate intake of beer on markers of hydration after exercise in the heat: a crossover study. <i>Journal of the International Society of Sports Nutrition</i> , 2015 , 12, 26	4.5	18
54	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
53	Dietary protein and amino acids intake and its relationship with blood pressure in adolescents: the HELENA STUDY. <i>European Journal of Public Health</i> , 2015 , 25, 450-6	2.1	17
52	Physical activity and markers of insulin resistance in adolescents: role of cardiorespiratory fitness levels--the HELENA study. <i>Pediatric Diabetes</i> , 2013 , 14, 249-58	3.6	16
51	Immunological changes after a single bout of moderate-intensity exercise in a hot environment. <i>Journal of Physiology and Biochemistry</i> , 2008 , 64, 197-204	5	16
50	Effects of exercise on exosome release and cargo in in vivo and ex vivo models: A systematic review. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3336-3353	7	14
49	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
48	Dietary Patterns in European and Brazilian Adolescents: Comparisons and Associations with Socioeconomic Factors. <i>Nutrients</i> , 2018 , 10,	6.7	12
47	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
46	Effects of a Running Bout in the Heat on Cognitive Performance. <i>Journal of Exercise Science and Fitness</i> , 2011 , 9, 58-64	3.1	12

45	Sexual dimorphism in the early life programming of serum leptin levels in European adolescents: the HELENA study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1330-4	5.6	12
44	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
43	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
42	Sarcopenia, Diet, Physical Activity and Obesity in European Middle-Aged and Older Adults: The LifeAge Study. <i>Nutrients</i> , 2020 , 13,	6.7	11
41	The role of cardiorespiratory fitness on the risk of sudden cardiac death at the population level: A systematic review and meta-analysis of the available evidence. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 279-287	8.5	10
40	Physical activity attenuates the negative effect of low birth weight on leptin levels in European adolescents; the HELENA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 344-9	4.5	10
39	Dietary and lifestyle quality indices with/without physical activity and markers of insulin resistance in European adolescents: the HELENA study. <i>British Journal of Nutrition</i> , 2013 , 110, 1919-25	3.6	10
38	Role of Muscular Strength on the Risk of Sudden Cardiac Death in Men. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 2589-2591	6.4	10
37	Infrared Thermography for Estimating Supraclavicular Skin Temperature and BAT Activity in Humans: A Systematic Review. <i>Obesity</i> , 2019 , 27, 1932-1949	8	9
36	Socioeconomic factors are associated with folate and vitamin B12 intakes and related biomarkers concentrations in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>Nutrition Research</i> , 2014 , 34, 199-209	4	9
35	Restrict exercise! Preferences Regarding Digital Home Training Programs during Confinements Associated with the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	9
34	Drastic Reductions in Mental Well-Being Observed Globally During the COVID-19 Pandemic: Results From the ASAP Survey. <i>Frontiers in Medicine</i> , 2021 , 8, 578959	4.9	9
33	Concurrent validity of supraclavicular skin temperature measured with iButtons and infrared thermography as a surrogate marker of brown adipose tissue. <i>Journal of Thermal Biology</i> , 2019 , 82, 186-196	2.9	8
32	A Single Question of Parent-Reported Physical Activity Levels Estimates Objectively Measured Physical Fitness and Body Composition in Preschool Children: The PREFIT Project. <i>Frontiers in Psychology</i> , 2019 , 10, 1585	3.4	8
31	Leptin, vitamin D, and cardiorespiratory fitness as risk factors for insulin resistance in European adolescents: gender differences in the HELENA Study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 530-7	3	7
30	Breastfeeding attenuates the effect of low birthweight on abdominal adiposity in adolescents: the HELENA study. <i>Maternal and Child Nutrition</i> , 2015 , 11, 1036-40	3.4	6
29	Fitness and academic performance in adolescents. The mediating role of leptin: DADOS study. <i>European Journal of Pediatrics</i> , 2018 , 177, 1555-1563	4.1	6
28	Response: Commentary: High-intensity Intermittent Training vs. Moderate-intensity Intermittent Training: Is It a Matter of Intensity or Intermittent Efforts?. <i>Frontiers in Physiology</i> , 2017 , 8, 526	4.6	6

27	Evidence of high F-fluorodeoxyglucose uptake in the subcutaneous adipose tissue of the dorsocervical area in young adults. <i>Experimental Physiology</i> , 2019 , 104, 168-173	2.4	6
26	Elevated Levels of Circulating miR-92a Are Associated with Impaired Glucose Homeostasis in Patients with Obesity and Correlate with Metabolic Status After Bariatric Surgery. <i>Obesity Surgery</i> , 2020 , 30, 174-179	3.7	6
25	The Exposome and Immune Health in Times of the COVID-19 Pandemic.. <i>Nutrients</i> , 2021 , 14,	6.7	6
24	Exercise and Childhood Cancer-A Historical Review.. <i>Cancers</i> , 2021 , 14,	6.6	6
23	Parental modeling, education and children's sports and TV time: the ENERGY-project. <i>Preventive Medicine</i> , 2015 , 70, 96-101	4.3	5
22	Independent and combined influence of healthy lifestyle factors on academic performance in adolescents: DADOS Study. <i>Pediatric Research</i> , 2019 , 85, 456-462	3.2	4
21	Are changes in telomerase activity and telomere length due to different exercise modalities, intensity, or methods: intermittency?. <i>European Heart Journal</i> , 2019 , 40, 3198-3199	9.5	4
20	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		4
19	Can ethnic background differences in children's body composition be explained by differences in energy balance-related behaviors? A mediation analysis within the energy-project. <i>PLoS ONE</i> , 2013 , 8, e71848	3.7	4
18	Use of Infrared Thermography to Estimate Brown Fat Activation After a Cooling Protocol in Patients with Severe Obesity That Underwent Bariatric Surgery. <i>Obesity Surgery</i> , 2020 , 30, 2375-2381	3.7	3
17	A Pandemic within the Pandemic? Physical Activity Levels Have Substantially Decreased in Countries Affected by COVID-19. <i>SSRN Electronic Journal</i> ,	1	3
16	Measuring nutritional knowledge using Item Response Theory and its validity in European adolescents. <i>Public Health Nutrition</i> , 2019 , 22, 419-430	3.3	3
15	How do energy balance-related behaviors cluster in adolescents?. <i>International Journal of Public Health</i> , 2019 , 64, 195-208	4	3
14	Kinematic analysis of the standing long jump in children 6- to 12-years-old. <i>Measurement in Physical Education and Exercise Science</i> , 2018 , 22, 70-78	1.9	3
13	Physical Activity, Fitness and Fatness in Children and Adolescents 2011 , 347-366		2
12	Promoting the Assessment of Physical Activity and Cardiorespiratory Fitness in Assessing the Role of Vascular Risk on Cognitive Decline in Older Adults. <i>Frontiers in Physiology</i> , 2019 , 10, 670	4.6	1
11	METHODOLOGICAL CONSIDERATIONS TO ANALYZE THE RELATION OF PHYSICAL ACTIVITY WITH LEPTIN LEVELS IN CHILDREN: COMMENT ON CICCHELLA, ET AL. (2013). <i>Perceptual and Motor Skills</i> , 2015 , 121, 26-30	2.2	1
10	Obesity, metabolic syndrome and nutrition. <i>World Review of Nutrition and Dietetics</i> , 2014 , 109, 1-22	0.2	1

9	Impact of an intermittent and localized cooling intervention on skin temperature, sleep quality and energy expenditure in free-living, young, healthy adults. <i>Journal of Thermal Biology</i> , 2021 , 97, 102875	2.9	1
8	Effect of a 12-Week Concurrent Training Intervention on Cardiometabolic Health in Obese Men: A Pilot Study. <i>Frontiers in Physiology</i> , 2021 , 12, 630831	4.6	1
7	Ramadan Intermittent Fasting, Physical Activity, and COVID-19 Pandemic in Patients with Chronic Diseases. <i>American Journal of Medicine</i> , 2021 , 134, 1189-1191	2.4	1
6	Physiological and Performance Impacts After Field Supramaximal High-Intensity Interval Training With Different Work-Recovery Duration. <i>Frontiers in Physiology</i> , 2020 , 11, 1075	4.6	0
5	Functional Autonomy Evaluation Levels in Middle-Aged and Older Spanish Women: On Behalf of the Healthy-Age Network. <i>Sustainability</i> , 2020 , 12, 9208	3.6	0
4	Accelerometer-measured physical activity and sedentary time are associated with maximal fat oxidation in young adults. <i>European Journal of Sport Science</i> , 2021 , 1-10	3.9	0
3	Family socioeconomic factors are negatively associated with blood pressure in European boys, but not girls, and Brazilian adolescents: Results from two observational studies. <i>Blood Pressure</i> , 2015 , 24, 250-7	1.7	
2	Determinants Of Climbing Performance In High-level Sport Climbers. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 782	1.2	
1	Reader response: Circulating cortisol and cognitive and structural brain measures: The Framingham Heart Study. <i>Neurology</i> , 2019 , 93, 684-685	6.5	