

David Jimnez-Pavn

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.

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 | 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 |
| 97 | 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 |
| 96 | 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 |
| 95 | 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 |
| 94 | 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 |
| 93 | 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 |
| 92 | 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 |
| 91 | 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 |
| 90 | The Exposome and Immune Health in Times of the COVID-19 Pandemic.. <i>Nutrients</i> , 2021 , 14, | 6.7 | 6 |
| 89 | Exercise and Childhood Cancer-A Historical Review.. <i>Cancers</i> , 2021 , 14, | 6.6 | 6 |
| 88 | 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 |
| 87 | 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 |
| 86 | 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 |
| 85 | Restrictexercise! 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 |
| 84 | 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 |
| 83 | Sarcopenia, Diet, Physical Activity and Obesity in European Middle-Aged and Older Adults: The LifeAge Study. <i>Nutrients</i> , 2020 , 13, | 6.7 | 11 |
| 82 | 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 |

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| 81 | 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 |
| 80 | 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 |
| 79 | 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 |
| 78 | 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 | 7.9 | 8 |
| 77 | 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 |
| 76 | 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 |
| 75 | Infrared Thermography for Estimating Supraclavicular Skin Temperature and BAT Activity in Humans: A Systematic Review. <i>Obesity</i> , 2019 , 27, 1932-1949 | 8 | 9 |
| 74 | 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 |
| 73 | 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 |
| 72 | 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 |
| 71 | How do energy balance-related behaviors cluster in adolescents?. <i>International Journal of Public Health</i> , 2019 , 64, 195-208 | 4 | 3 |
| 70 | Reader response: Circulating cortisol and cognitive and structural brain measures: The Framingham Heart Study. <i>Neurology</i> , 2019 , 93, 684-685 | 6.5 | |
| 69 | 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 |
| 68 | 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 |
| 67 | Dietary Patterns in European and Brazilian Adolescents: Comparisons and Associations with Socioeconomic Factors. <i>Nutrients</i> , 2018 , 10, | 6.7 | 12 |
| 66 | 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 |
| 65 | 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 |
| 64 | 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 |

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| 63 | 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 |
| 62 | 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 |
| 61 | 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 | |
| 60 | 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 |
| 59 | METHODOLOGICAL CONSIDERATIONS TO ANALYZE THE RELATION OF PHYSICAL ACTIVITY WITH LEPTIN LEVELS IN CHILDREN: COMMENT ON CICHELLA, ET AL. (2013). <i>Perceptual and Motor Skills</i> , 2015 , 121, 26-30 | 2.2 | 1 |
| 58 | 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 |
| 57 | Parental modeling, education and children's sports and TV time: the ENERGY-project. <i>Preventive Medicine</i> , 2015 , 70, 96-101 | 4.3 | 5 |
| 56 | 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 |
| 55 | 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 ¹¹ | 4.1 | 4 |
| 54 | 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 |
| 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 | 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 |
| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | Obesity, metabolic syndrome and nutrition. <i>World Review of Nutrition and Dietetics</i> , 2014 , 109, 1-22 | 0.2 | 1 |
| 47 | 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 |
| 46 | 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 |

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| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | Muscular fitness, fatness and inflammatory biomarkers in adolescents. <i>Pediatric Obesity</i> , 2014 , 9, 391-400. | 4.6 | 47 |
| 41 | Association of objectively measured physical activity with body components in European adolescents. <i>BMC Public Health</i> , 2013 , 13, 667 | 4.1 | 23 |
| 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 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 33 | 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 |
| 32 | Physical activity, fitness, and serum leptin concentrations in adolescents. <i>Journal of Pediatrics</i> , 2012 , 160, 598-603.e2 | 3.6 | 25 |
| 31 | Adiposity and bone health in Spanish adolescents. The HELENA study. <i>Osteoporosis International</i> , 2012 , 23, 937-47 | 5.3 | 88 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |

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| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | Physical fitness levels among European adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011 , 45, 20-9 | 10.3 | 226 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | Physical Activity, Fitness and Fatness in Children and Adolescents 2011 , 347-366 | | 2 |
| 12 | Determinants Of Climbing Performance In High-level Sport Climbers. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 782 | 1.2 | |
| 11 | 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 |
| 10 | 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 |

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| 9 | Associations between objectively measured habitual physical activity and adiposity in children and adolescents: Systematic review. <i>Pediatric Obesity</i> , 2010 , 5, 3-18 | | 304 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | Influence of socioeconomic factors on fitness and fatness in Spanish adolescents: the AVENA study. <i>Pediatric Obesity</i> , 2010 , 5, 467-73 | | 35 |
| 4 | 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 |
| 3 | 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 |
| 2 | 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 |
| 1 | A Pandemic within the Pandemic? Physical Activity Levels Have Substantially Decreased in Countries Affected by COVID-19. <i>SSRN Electronic Journal</i> , | 1 | 3 |