

# Juan Miguel Fernandez-Alvira

## List of Publications by Citations

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55  
papers

1,303  
citations

22  
h-index

34  
g-index

60  
ext. papers

1,651  
ext. citations

4.4  
avg, IF

3.81  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 55 | Test-retest reliability and construct validity of the ENERGY-child questionnaire on energy balance-related behaviours and their potential determinants: the ENERGY-project. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2011</b> , 8, 136                 | 8.4  | 96        |
| 54 | Association of Sleep Duration and Quality With Subclinical Atherosclerosis. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 134-144  | 15.1 | 85        |
| 53 | A Comprehensive Lifestyle Peer Group-Based Intervention on Cardiovascular Risk Factors: The Randomized Controlled Fifty-Fifty Program. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 476-85  | 15.1 | 68        |
| 52 | Parental education and frequency of food consumption in European children: the IDEFICS study. <i>Public Health Nutrition</i> , <b>2013</b> , 16, 487-98   | 3.3  | 65        |
| 51 | Relative validity of the Children's Eating Habits Questionnaire-food frequency section among young European children: the IDEFICS Study. <i>Public Health Nutrition</i> , <b>2014</b> , 17, 266-76  | 3.3  | 62        |
| 50 | Physical activity and beverage consumption in preschoolers: focus groups with parents and teachers. <i>BMC Public Health</i> , <b>2013</b> , 13, 278  | 4.1  | 51        |
| 49 | Prospective associations between socio-economic status and dietary patterns in European children: the Identification and Prevention of Dietary- and Lifestyle-induced Health Effects in Children and Infants (IDEFICS) Study. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 517-25 | 3.6  | 49        |
| 48 | The SII Program for Cardiovascular Health Promotion in Early Childhood: A Cluster-Randomized Trial. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 1525-1534  | 15.1 | 49        |
| 47 | Clustering of energy balance-related behaviors and parental education in European children: the ENERGY-project. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2013</b> , 10, 5  | 8.4  | 49        |
| 46 | Short Telomere Load, Telomere Length, and Subclinical Atherosclerosis: The PESA Study. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 2467-76   | 15.1 | 44        |
| 45 | Independent and combined effect of nutrition and exercise on bone mass development. <i>Journal of Bone and Mineral Metabolism</i> , <b>2008</b> , 26, 416-24  | 2.9  | 42        |
| 44 | Maternal employment and childhood obesity—a European perspective. <i>Journal of Health Economics</i> , <b>2013</b> , 32, 728-42   | 3.5  | 41        |
| 43 | Country-specific dietary patterns and associations with socioeconomic status in European children: the IDEFICS Study. <i>European Journal of Clinical Nutrition</i> , <b>2014</b> , 68, 811-21  | 5.2  | 41        |
| 42 | European children's sugar intake on weekdays versus weekends: the IDEFICS study. <i>European Journal of Clinical Nutrition</i> , <b>2014</b> , 68, 822-8  | 5.2  | 39        |
| 41 | Associations between home- and family-related factors and fruit juice and soft drink intake among 10- to 12-year old children. The ENERGY project. <i>Appetite</i> , <b>2013</b> , 61, 59-65  | 4.5  | 38        |
| 40 | Test-retest reliability and construct validity of the ENERGY-parent questionnaire on parenting practices, energy balance-related behaviours and their potential behavioural determinants: the ENERGY-project. <i>BMC Research Notes</i> , <b>2012</b> , 5, 434                                | 2.3  | 38        |
| 39 | Predicting Subclinical Atherosclerosis in Low-Risk Individuals: Ideal Cardiovascular Health Score and Fuster-BEWAT Score. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2463-2473  | 15.1 | 31        |

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|----|---|------|----|
| 38 | Associations of parental education and parental physical activity (PA) with children's PA: the ENERGY cross-sectional study. <i>Preventive Medicine</i> , <b>2012</b> , 55, 310-314   | 4.3  | 24 |
| 37 | Associations between social vulnerabilities and dietary patterns in European children: the Identification and prevention of Dietary- and lifestyle-induced health Effects In Children and infants (IDEFICS) study. <i>British Journal of Nutrition</i> , <b>2016</b> , 116, 1288-1297 | 3.6  | 23 |
| 36 | Parental education associations with children's body composition: mediation effects of energy balance-related behaviors within the ENERGY-project. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2013</b> , 10, 80                                  | 8.4  | 23 |
| 35 | Associations between family-related factors, breakfast consumption and BMI among 10- to 12-year-old European children: the cross-sectional ENERGY-study. <i>PLoS ONE</i> , <b>2013</b> , 8, e79550  | 3.7  | 23 |
| 34 | What do parents think about parental participation in school-based interventions on energy balance-related behaviours? a qualitative study in 4 countries. <i>BMC Public Health</i> , <b>2011</b> , 11, 881   | 4.1  | 22 |
| 33 | Pester power and its consequences: do European children's food purchasing requests relate to diet and weight outcomes?. <i>Public Health Nutrition</i> , <b>2016</b> , 19, 2393-403   | 3.3  | 20 |
| 32 | Prospective associations between socioeconomically disadvantaged groups and metabolic syndrome risk in European children. Results from the IDEFICS study. <i>International Journal of Cardiology</i> , <b>2018</b> , 272, 333-340   | 3.2  | 19 |
| 31 | Association Between a Social-Business Eating Pattern and Early Asymptomatic Atherosclerosis. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 805-14  | 15.1 | 18 |
| 30 | Bidirectional associations between psychosocial well-being and body mass index in European children: longitudinal findings from the IDEFICS study. <i>BMC Public Health</i> , <b>2016</b> , 16, 949   | 4.1  | 17 |
| 29 | Rationale and design of the school-based SI! Program to face obesity and promote health among Spanish adolescents: A cluster-randomized controlled trial. <i>American Heart Journal</i> , <b>2019</b> , 215, 27-40  | 4.9  | 14 |
| 28 | Prospective associations between dietary patterns and body composition changes in European children: the IDEFICS study. <i>Public Health Nutrition</i> , <b>2017</b> , 20, 3257-3265  | 3.3  | 14 |
| 27 | A 30-month worksite-based lifestyle program to promote cardiovascular health in middle-aged bank employees: Design of the TANSNIP-PESA randomized controlled trial. <i>American Heart Journal</i> , <b>2017</b> , 184, 121-132  | 4.9  | 14 |
| 26 | Machine Learning Improves Cardiovascular Risk Definition for Young, Asymptomatic Individuals. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1674-1685  | 15.1 | 14 |
| 25 | Social vulnerability as a predictor of physical activity and screen time in European children. <i>International Journal of Public Health</i> , <b>2018</b> , 63, 283-295  | 4    | 14 |
| 24 | Prospective associations between social vulnerabilities and children's weight status. Results from the IDEFICS study. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1691-1703   | 5.5  | 14 |
| 23 | Early life risk factors and their cumulative effects as predictors of overweight in Spanish children. <i>International Journal of Public Health</i> , <b>2018</b> , 63, 501-512   | 4    | 13 |
| 22 | The impact of familial, behavioural and psychosocial factors on the SES gradient for childhood overweight in Europe. A longitudinal study. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 54-60  | 5.5  | 13 |
| 21 | Association Between Left Ventricular Noncompaction and Vigorous Physical Activity. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1723-1733   | 15.1 | 13 |

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|----|---|------|----|
| 20 | Associations between social vulnerabilities and psychosocial problems in European children. Results from the IDEFICS study. <i>European Child and Adolescent Psychiatry</i> , <b>2017</b> , 26, 1105-1117   | 5.5  | 11 |
| 19 | Rationale and design of the SI! Program for health promotion in elementary students aged 6 to 11 years: A cluster randomized trial. <i>American Heart Journal</i> , <b>2019</b> , 210, 9-17   | 4.9  | 11 |
| 18 | Prospective associations between dietary patterns and high sensitivity C-reactive protein in European children: the IDEFICS study. <i>European Journal of Nutrition</i> , <b>2018</b> , 57, 1397-1407   | 5.2  | 11 |
| 17 | The school nutrition environment and its association with soft drink intakes in seven countries across Europe--the ENERGY project. <i>Health and Place</i> , <b>2014</b> , 30, 28-35  | 4.6  | 11 |
| 16 | Does Socioeconomic Status Influence the Risk of Subclinical Atherosclerosis?: A Mediation Model. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 526-535   | 15.1 | 10 |
| 15 | Differences in beliefs and home environments regarding energy balance behaviors according to parental education and ethnicity among schoolchildren in Europe: the ENERGY cross sectional study. <i>BMC Public Health</i> , <b>2014</b> , 14, 610            | 4.1  | 6  |
| 14 | Parental modeling, education and children's sports and TV time: the ENERGY-project. <i>Preventive Medicine</i> , <b>2015</b> , 70, 96-101   | 4.3  | 5  |
| 13 | Social vulnerabilities as determinants of overweight in 2-, 4- and 6-year-old Spanish children. <i>European Journal of Public Health</i> , <b>2018</b> , 28, 289-295  | 2.1  | 5  |
| 12 | Effects of clustering of multiple lifestyle-related behaviors on blood pressure in adolescents from two observational studies. <i>Preventive Medicine</i> , <b>2016</b> , 82, 111-7   | 4.3  | 5  |
| 11 | Dietary Patterns and Cardiovascular Risk Factors in Spanish Adolescents: A Cross-Sectional Analysis of the SI! Program for Health Promotion in Secondary Schools. <i>Nutrients</i> , <b>2019</b> , 11,  | 6.7  | 5  |
| 10 | 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> , <b>2013</b> , 8, e71848                                 | 3.7  | 4  |
| 9  | Physical activity modifies the associations between genetic variants and blood pressure in European adolescents. <i>Journal of Pediatrics</i> , <b>2014</b> , 165, 1046-9.e1-2  | 3.6  | 3  |
| 8  | Lessons Learned From 10 Years of Preschool Intervention for Health Promotion: JACC's State-of-the-Art Review.. <i>Journal of the American College of Cardiology</i> , <b>2022</b> , 79, 283-298   | 15.1 | 3  |
| 7  | How do energy balance-related behaviors cluster in adolescents?. <i>International Journal of Public Health</i> , <b>2019</b> , 64, 195-208  | 4    | 3  |
| 6  | Do dietary patterns determine levels of vitamin B, folate, and vitamin B intake and corresponding biomarkers in European adolescents? The Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>Nutrition</i> , <b>2018</b> , 50, 8-17 | 4.8  | 3  |
| 5  | Prevalence and correlates of cardiovascular health among early adolescents enrolled in the SI! Program in Spain: a cross-sectional analysis. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> ,   | 3.9  | 1  |
| 4  | Polyphenols in Urine and Cardiovascular Risk Factors: A Cross-Sectional Analysis Reveals Gender Differences in Spanish Adolescents from the SI! Program. <i>Antioxidants</i> , <b>2020</b> , 9,   | 7.1  | 1  |
| 3  | Unbiased plasma proteomics discovery of biomarkers for improved detection of subclinical atherosclerosis.. <i>EBioMedicine</i> , <b>2022</b> , 76, 103874   | 8.8  | 0  |

- 2 The challenge of sustainability: Long-term results from the Fifty-Fifty peer group-based intervention in cardiovascular risk factors. *American Heart Journal*, **2021**, 240, 81-88 4.9 ○
- 1 Reply to the letter to the editor: "Socioeconomic status and childhood metabolic syndrome". *International Journal of Cardiology*, **2019**, 283, 190-191 3.2