

Celia Alvarez-Bueno

List of Publications by Citations

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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.

111
papers

1,787
citations

21
h-index

38
g-index

123
ext. papers

2,654
ext. citations

4.4
avg, IF

5.33
L-index

#	Paper	IF	Citations
111	The Effect of Physical Activity Interventions on Children's Cognition and Metacognition: A Systematic Review and Meta-Analysis. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017 , 56, 729-738	7.2	170
110	Academic Achievement and Physical Activity: A Meta-analysis. <i>Pediatrics</i> , 2017 , 140,	7.4	138
109	Prevalence and Trends of Overweight and Obesity in European Children From 1999 to 2016: A Systematic Review and Meta-analysis. <i>JAMA Pediatrics</i> , 2019 , 173, e192430	8.3	124
108	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, 1167-74	3.7	105
107	Glycated haemoglobin A1c as a risk factor of cardiovascular outcomes and all-cause mortality in diabetic and non-diabetic populations: a systematic review and meta-analysis. <i>BMJ Open</i> , 2017 , 7, e015949	4.9	81
106	Association Between Screen Media Use and Academic Performance Among Children and Adolescents: A Systematic Review and Meta-analysis. <i>JAMA Pediatrics</i> , 2019 , 173, 1058-1067	8.3	60
105	Effects of exercise-based interventions on postpartum depression: A meta-analysis of randomized controlled trials. <i>Birth</i> , 2017 , 44, 200-208	3.1	59
104	Effects of exercise during pregnancy on mode of delivery: a meta-analysis. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015 , 94, 1039-47	3.8	56
103	Effectiveness of brief interventions in primary health care settings to decrease alcohol consumption by adult non-dependent drinkers: a systematic review of systematic reviews. <i>Preventive Medicine</i> , 2015 , 76 Suppl, S33-8	4.3	45
102	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	10.3	43
101	Effects of Milk and Dairy Product Consumption on Type 2 Diabetes: Overview of Systematic Reviews and Meta-Analyses. <i>Advances in Nutrition</i> , 2019 , 10, S154-S163	10	38
100	Accuracy of Ultrasonography for the Diagnosis of Carpal Tunnel Syndrome: A Systematic Review and Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 758-765.e10	2.8	35
99	Prevalence of Overweight and Obesity among European Preschool Children: A Systematic Review and Meta-Regression by Food Group Consumption. <i>Nutrients</i> , 2019 , 11,	6.7	30
98	Accuracy of Pulse Wave Velocity Predicting Cardiovascular and All-Cause Mortality. A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	27
97	Skin Autofluorescence-Indicated Advanced Glycation End Products as Predictors of Cardiovascular and All-Cause Mortality in High-Risk Subjects: A Systematic Review and Meta-analysis. <i>Journal of the American Heart Association</i> , 2018 , 7, e009833	6	27
96	Diagnostic Accuracy Study of an Oscillometric Ankle-Brachial Index in Peripheral Arterial Disease: The Influence of Oscillometric Errors and Calcified Legs. <i>PLoS ONE</i> , 2016 , 11, e0167408	3.7	25
95	Aerobic fitness and academic achievement: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2020 , 38, 582-589	3.6	24

94	Effectiveness of multifactorial interventions in primary health care settings for primary prevention of cardiovascular disease: A systematic review of systematic reviews. <i>Preventive Medicine</i> , 2015 , 76 Suppl, S68-75	4.3	23
93	Evidence-Based Exercise Recommendations to Reduce Hepatic Fat Content in Youth- a Systematic Review and Meta-Analysis. <i>Progress in Cardiovascular Diseases</i> , 2018 , 61, 222-231	8.5	23
92	Association between pre-pregnancy overweight and obesity and children's neurocognitive development: a systematic review and meta-analysis of observational studies. <i>International Journal of Epidemiology</i> , 2017 , 46, 1653-1666	7.8	23
91	Subglottic secretion drainage for preventing ventilator-associated pneumonia: an overview of systematic reviews and an updated meta-analysis. <i>European Respiratory Review</i> , 2020 , 29,	9.8	21
90	Association between physical activity, sedentary behavior, and fitness with health related quality of life in healthy children and adolescents: A protocol for a systematic review and meta-analysis. <i>Medicine (United States)</i> , 2017 , 96, e6407	1.8	19
89	Milk and Dairy Product Consumption and Risk of Mortality: An Overview of Systematic Reviews and Meta-Analyses. <i>Advances in Nutrition</i> , 2019 , 10, S97-S104	10	19
88	Arterial Stiffness and Cognition Among Adults: A Systematic Review and Meta-Analysis of Observational and Longitudinal Studies. <i>Journal of the American Heart Association</i> , 2020 , 9, e014621	6	19
87	Effects of Exercise Training on Weight Loss in Patients Who Have Undergone Bariatric Surgery: a Systematic Review and Meta-Analysis of Controlled Trials. <i>Obesity Surgery</i> , 2019 , 29, 3371-3384	3.7	19
86	Association of physical activity with cognition, metacognition and academic performance in children and adolescents: a protocol for systematic review and meta-analysis. <i>BMJ Open</i> , 2016 , 6, e011065	2.5	19
85	Milk and Dairy Product Consumption and Prostate Cancer Risk and Mortality: An Overview of Systematic Reviews and Meta-analyses. <i>Advances in Nutrition</i> , 2019 , 10, S212-S223	10	18
84	The accuracy of an oscillometric ankle-brachial index in the diagnosis of lower limb peripheral arterial disease: A systematic review and meta-analysis. <i>International Journal of Clinical Practice</i> , 2017 , 71, e12994	2.9	18
83	Effect of Behavioral Weight Management Interventions Using Lifestyle mHealth Self-Monitoring on Weight Loss: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020 , 12,	6.7	17
82	Association Between Muscular Strength and Bone Health from Children to Young Adults: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2020 , 50, 1163-1190	10.6	16
81	Rationale and methods of a randomised cross-over cluster trial to assess the effectiveness of MOVI-KIDS on preventing obesity in pre-schoolers. <i>BMC Public Health</i> , 2015 , 15, 176	4.1	15
80	Effect of supervised physiotherapy versus home exercise program in patients with subacromial impingement syndrome: A systematic review and meta-analysis. <i>Physical Therapy in Sport</i> , 2020 , 41, 34-42	2	15
79	Reliability and validity of the Spanish version of the Children's Sleep Habits Questionnaire (CSHQ-SP) in school-age children. <i>Child: Care, Health and Development</i> , 2016 , 42, 675-82	2.8	15
78	Effects of exercise on endothelial progenitor cells in patients with cardiovascular disease: A systematic review and meta-analysis of randomized controlled trials. <i>Revista Portuguesa De Cardiologia</i> , 2019 , 38, 817-827	1	15
77	Risk of extrapyramidal side effects comparing continuous vs. bolus intravenous metoclopramide administration: a systematic review and meta-analysis of randomised controlled trials. <i>Journal of Clinical Nursing</i> , 2015 , 24, 3638-46	3.2	14

76	The accuracy of toe brachial index and ankle brachial index in the diagnosis of lower limb peripheral arterial disease: A systematic review and meta-analysis. <i>Atherosclerosis</i> , 2020 , 315, 81-92	3.1	14
75	The Accuracy of Diagnostic Methods for Diabetic Retinopathy: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0154411	3.7	14
74	Pregnancy leisure physical activity and children's neurodevelopment: a narrative review. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018 , 125, 1235-1242	3.7	13
73	Interpregnancy Weight Change and Hypertension During Pregnancy: A Systematic Review and Meta-analysis. <i>Obstetrics and Gynecology</i> , 2020 , 135, 68-79	4.9	13
72	Steps per Day and Arterial Stiffness. <i>Hypertension</i> , 2019 , 73, 350-363	8.5	13
71	Impact of a multicomponent physical activity intervention on cognitive performance: The MOVI-KIDS study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 766-775	4.6	13
70	Does pectoralis minor stretching provide additional benefit over an exercise program in participants with subacromial pain syndrome? A randomized controlled trial. <i>Musculoskeletal Science and Practice</i> , 2019 , 44, 102052	2.4	11
69	Total Dairy, Cheese and Milk Intake and Arterial Stiffness: A Systematic Review and Meta-Analysis of Cross-sectional Studies. <i>Nutrients</i> , 2019 , 11,	6.7	11
68	Glycated haemoglobin A1c as a predictor of preeclampsia in type 1 diabetic pregnant women: A systematic review and meta-analysis. <i>Pregnancy Hypertension</i> , 2018 , 14, 49-54	2.6	11
67	No Association Between Active Commuting to School, Adiposity, Fitness, and Cognition in Spanish Children: The MOVI-KIDS Study. <i>Journal of School Health</i> , 2018 , 88, 839-846	2.1	11
66	Active Commuting to and from School, Cognitive Performance, and Academic Achievement in Children and Adolescents: A Systematic Review and Meta-Analysis of Observational Studies. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10
65	The Effect of Physical Activity Interventions on Glycosylated Haemoglobin (HbA) in Non-diabetic Populations: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2018 , 48, 1151-1164	10.6	10
64	Prevalence and trends of thinness, overweight and obesity among children and adolescents aged 3-18 years across Europe: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2017 , 7, e018241	3.2	10
63	Effects of chronic physical activity on cognition across the lifespan: a systematic meta-review of randomized controlled trials and realist synthesis of contextualized mechanisms. <i>International Review of Sport and Exercise Psychology</i> , 1-39	4.8	10
62	Insulin and bone health in young adults: The mediator role of lean mass. <i>PLoS ONE</i> , 2017 , 12, e0173874	3.7	9
61	Monitoring gestational weight gain and prepregnancy BMI using the 2009 IOM guidelines in the global population: a systematic review and meta-analysis. <i>BMC Pregnancy and Childbirth</i> , 2020 , 20, 649	3.2	9
60	Restorative treatments of dystrophin expression in Duchenne muscular dystrophy: A systematic review. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 1738-1752	5.3	9
59	Effectiveness of Mobile Health Interventions Promoting Physical Activity and Lifestyle Interventions to Reduce Cardiovascular Risk Among Individuals With Metabolic Syndrome: Systematic Review and Meta-Analysis. <i>Journal of Medical Internet Research</i> , 2020 , 22, e17790	7.6	8

58	Relation between physical fitness and executive function variables in a preschool sample. <i>Pediatric Research</i> , 2020 , 88, 623-628	3.2	8
57	MOVI-daFIT! Intervention: Rationale and design of a cluster randomized controlled trial testing the effects on improving adiposity, cognition, and subclinical atherosclerosis by increasing cardiorespiratory fitness in children. <i>Medicine (United States)</i> , 2019 , 98, e14737	1.8	8
56	Multimodality respiratory physiotherapy reduces mortality but may not prevent ventilator-associated pneumonia or reduce length of stay in the intensive care unit: a systematic review. <i>Journal of Physiotherapy</i> , 2018 , 64, 222-228	2.9	8
55	Glycosylated haemoglobin as a predictor of cardiovascular events and mortality: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2016 , 6, e012229	3	7
54	Effectiveness of pharmacological treatments in Duchenne muscular dystrophy: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019 , 9, e029341	3	6
53	Effectiveness of supervised early exercise program in patients with arthroscopic rotator cuff repair: Study protocol clinical trial. <i>Medicine (United States)</i> , 2020 , 99, e18846	1.8	6
52	Are Advanced Glycation End Products in Skin Associated with Vascular Dysfunction Markers? A Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
51	Relationship between both cardiorespiratory and muscular fitness and health-related quality of life in children and adolescents: a systematic review and meta-analysis of observational studies. <i>Health and Quality of Life Outcomes</i> , 2021 , 19, 127	3	6
50	Metabolic Syndrome Including Glycated Hemoglobin A1c in Adults: Is It Time to Change?. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
49	The Effects of Physical Activity and Diet Interventions on Body Mass Index in Latin American Children and Adolescents: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020 , 12,	6.7	5
48	Factors affecting the validity of the oscillometric Ankle Brachial Index to detect peripheral arterial disease. <i>International Angiology</i> , 2017 , 36, 536-544	2.2	5
47	The risk of eating disorders and bone health in young adults: the mediating role of body composition and fitness. <i>Eating and Weight Disorders</i> , 2019 , 24, 1145-1154	3.6	5
46	Fitness and executive function as mediators between physical activity and academic achievement. <i>Journal of Sports Sciences</i> , 2021 , 39, 1576-1584	3.6	5
45	Bone Health in Children and Youth with Cystic Fibrosis: A Systematic Review and Meta-Analysis of Matched Cohort Studies. <i>Journal of Pediatrics</i> , 2019 , 215, 178-186.e16	3.6	4
44	Relationship between glycaemic levels and arterial stiffness in non-diabetic adults. <i>Medicina Clínica</i> , 2018 , 150, 56-60	1	4
43	A follow-up study to assess the determinants and consequences of physical activity in pregnant women of Cuenca, Spain. <i>BMC Public Health</i> , 2016 , 16, 437	4.1	4
42	Comparative Effect of Low-Glycemic Index versus High-Glycemic Index Breakfasts on Cognitive Function: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2019 , 11,	6.7	4
41	Relationship between breast feeding and motor development in children: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019 , 9, e029063	3	4

40	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	3.2	4
39	The Acute Effect of Exercise on Arterial Stiffness in Healthy Subjects: A Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
38	Reference Values for Fitness Level and Gross Motor Skills of 4-6-Year-Old Chilean Children. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
37	Effectiveness of a multicomponent treatment versus conventional treatment in patients with fibromyalgia: Study protocol. <i>Medicine (United States)</i> , 2020 , 99, e18833	1.8	3
36	The effectiveness of adding a scapular exercise programme to physical therapy treatment in patients with distal radius fracture treated conservatively: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2019 , 33, 1931-1939	3.3	3
35	Comparative effect of statins and types of physical exercise on arterial stiffness: Protocol for network meta-analysis. <i>Medicine (United States)</i> , 2019 , 98, e15484	1.8	3
34	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	3	3
33	Relationship between exclusive breastfeeding and cardiorespiratory fitness in children and adolescents: A meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 828-836	4.6	3
32	A Cluster Mediation Analysis Confirms the Validity of the "Fat but Fit" Paradigm in Children's Cognitive Function and Academic Achievement. <i>Journal of Pediatrics</i> , 2021 , 231, 231-238.e1	3.6	3
31	Effectiveness of Pilates and Yoga to improve bone density in adult women: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2021 , 16, e0251391	3.7	3
30	Effect of different types of exercise on health-related quality of life during and after cancer treatment: a protocol for a systematic review and network meta-analysis. <i>BMJ Open</i> , 2019 , 9, e031374	3	3
29	Effect of eHealth to increase physical activity in healthy adults over 55 years: A systematic review and meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 776-789	4.6	3
28	Effect of physical activity on cognitive domains in dementia and mild cognitive impairment: overview of systematic reviews and meta-analyses. <i>Aging and Mental Health</i> , 2021 , 25, 1977-1985	3.5	2
27	Exercise vs metformin for gestational diabetes mellitus: Protocol for a network meta-analysis. <i>Medicine (United States)</i> , 2019 , 98, e16038	1.8	2
26	Association between arterial stiffness and the clustering of metabolic syndrome risk factors: a systematic review and meta-analysis. <i>Journal of Hypertension</i> , 2021 , 39, 1051-1059	1.9	2
25	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 , 1	10.5	2
24	Association between type of rotator cuff tear and functional outcomes in patients with massive and irreparable rotator cuff tear: A pre-post intervention study. <i>Journal of Shoulder and Elbow Surgery</i> , 2021 , 30, 1393-1401	4.3	2
23	Comparative effect of physical exercise versus statins on improving arterial stiffness in patients with high cardiometabolic risk: A network meta-analysis. <i>PLoS Medicine</i> , 2021 , 18, e1003543	11.6	2

22	Exercise versus Metformin to Improve Pregnancy Outcomes among Overweight Pregnant Women: A Systematic Review and Network Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
21	Cardiorespiratory fitness as a mediator of the relationship between birth weight and cognition in school children. <i>Psychology Research and Behavior Management</i> , 2019 , 12, 255-262	3.8	1
20	Spectrum effect and spectrum bias in the oscillometric ankle brachial index to diagnose peripheral arterial disease: Clinical implications. <i>Atherosclerosis</i> , 2018 , 272, 8-13	3.1	1
19	Association Between Arterial Stiffness and Blood Pressure Progression With Incident Hypertension: A Systematic Review and Meta-Analysis.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 798934	5.4	1
18	Effect of retirement on cognitive function: a systematic review and meta-analysis. <i>Occupational and Environmental Medicine</i> , 2021 , 78, 761-768	2.1	1
17	Resting Heart Rate as a Predictor of Cancer Mortality: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
16	Safety and Efficacy of SGLT2 Inhibitors: A Multiple-Treatment Meta-Analysis of Clinical Decision Indicators. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
15	Effects of physical exercise during pregnancy on mothers and neonates health: a protocol for an umbrella review of systematic reviews and meta-analysis of randomised controlled trials. <i>BMJ Open</i> , 2019 , 9, e030162	3	1
14	Effects of physical activity interventions on the body mass index of children and adolescents in Latin America: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019 , 9, e030332	3	1
13	Rationale and methods of a randomized clinical trial to compare specific exercise programs versus home exercises in patients with subacromial impingement syndrome. <i>Medicine (United States)</i> , 2019 , 98, e16139	1.8	1
12	Interpregnancy Weight Change and Gestational Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Obesity</i> , 2021 , 29, 454-464	8	1
11	Relationship between glycaemic levels and arterial stiffness in non-diabetic adults. <i>Medicina Clínica (English Edition)</i> , 2018 , 150, 56-60	0.3	1
10	Relationship between exclusive breast feeding and cardiorespiratory fitness in children and adolescents: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2018 , 8, e023223	3	1
9	Association Between Eating Habits and Perceived School Performance: A Cross-Sectional Study Among 46,455 Adolescents From 42 Countries.. <i>Frontiers in Nutrition</i> , 2022 , 9, 797415	6.2	0
8	Gestational weight gain and offspring cognitive skills: a systematic review and meta-analysis. <i>BMC Pediatrics</i> , 2020 , 20, 533	2.6	0
7	What type of physical exercise should be recommended for improving arterial stiffness on adult population? A network meta-analysis. <i>European Journal of Cardiovascular Nursing</i> , 2021 , 20, 696-716	3.3	0
6	Correction to subglottic secretion drainage for preventing ventilator-associated pneumonia: an overview of systematic reviews and an updated meta-analysis.. <i>European Respiratory Review</i> , 2022 , 31,	9.8	0
5	Lifetime predictors of stroke in subjects without a diagnosis of hypertension: the aerobics center longitudinal study. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 849-856	3.1	

4	Reply to Y Gao et al. <i>Advances in Nutrition</i> , 2020 , 11, 464-465	10
3	Reply to comment on "Does pectoralis minor stretching provide additional benefit over an exercise program in subacromial pain syndrome? A randomized controlled trial" in volume 44, December 2019. <i>Musculoskeletal Science and Practice</i> , 2020 , 46, 102127	2-4
2	Intima Media Thickness and Cognitive Function Among Adults: Meta-Analysis of Observational and Longitudinal Studies.. <i>Journal of the American Heart Association</i> , 2022 , e021760	6
1	Physical Exercise vs. Metformin to Improve Delivery- and Newborn-Related Outcomes Among Pregnant Women With Overweight: A Network Meta-Analysis.. <i>Frontiers in Medicine</i> , 2021 , 8, 796009	4-9