## Celia Alvarez-Bueno

List of Publications by Year in descending order

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		159525	182361
119	3,482	30	51
papers	citations	h-index	g-index
123	123	123	4929
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	The Effect of Physical Activity Interventions on Children's Cognition and Metacognition: AÂSystematic Review andÂMeta-Analysis. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 729-738.	0.3	275
2	Prevalence and Trends of Overweight and Obesity in European Children From 1999 to 2016. JAMA Pediatrics, 2019, 173, e192430.	3.3	218
3	Academic Achievement and Physical Activity: A Meta-analysis. Pediatrics, 2017, 140, .	1.0	215
4	Effectiveness of physical activity interventions on preventing gestational diabetes mellitus and excessive maternal weight gain: a metaâ€analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2015, 122, 1167-1174.	1.1	146
5	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. BMJ Open, 2017, 7, e015949.	0.8	145
6	Association Between Screen Media Use and Academic Performance Among Children and Adolescents. JAMA Pediatrics, 2019, 173, 1058.	3.3	143
7	Effects of exerciseâ€based interventions on postpartum depression: A metaâ€analysis of randomized controlled trials. Birth, 2017, 44, 200-208.	1.1	103
8	Effects of exercise during pregnancy on mode of delivery: a metaâ€analysis. Acta Obstetricia Et Gynecologica Scandinavica, 2015, 94, 1039-1047.	1.3	76
9	Effects of Milk and Dairy Product Consumption on Type 2 Diabetes: Overview of Systematic Reviews and Meta-Analyses. Advances in Nutrition, 2019, 10, S154-S163.	2.9	74
10	Effectiveness of school-based physical activity programmes on cardiorespiratory fitness in children: a meta-analysis of randomised controlled trials. British Journal of Sports Medicine, 2018, 52, 1234-1240.	3.1	71
11	Effect of Behavioral Weight Management Interventions Using Lifestyle mHealth Self-Monitoring on Weight Loss: A Systematic Review and Meta-Analysis. Nutrients, 2020, 12, 1977.	1.7	71
12	Accuracy of Pulse Wave Velocity Predicting Cardiovascular and All-Cause Mortality. A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2020, 9, 2080.	1.0	69
13	Accuracy of Ultrasonography for the Diagnosis of Carpal Tunnel Syndrome: A Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation, 2018, 99, 758-765.e10.	0.5	64
14	Prevalence of Overweight and Obesity among European Preschool Children: A Systematic Review and Meta-Regression by Food Group Consumption. Nutrients, 2019, 11, 1698.	1.7	64
15	Effectiveness of brief interventions in primary health care settings to decrease alcohol consumption by adult non-dependent drinkers: a systematic review of systematic reviews. Preventive Medicine, 2015, 76, S33-S38.	1.6	59
16	Aerobic fitness and academic achievement: A systematic review and meta-analysis. Journal of Sports Sciences, 2020, 38, 582-589.	1.0	57
17	Subglottic secretion drainage for preventing ventilator-associated pneumonia: an overview of systematic reviews and an updated meta-analysis. European Respiratory Review, 2020, 29, 190107.	3.0	48
18	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. Atherosclerosis, 2020, 315, 81-92.	0.4	46

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19	Monitoring gestational weight gain and prepregnancy BMI using the 2009 IOM guidelines in the global population: a systematic review and meta-analysis. BMC Pregnancy and Childbirth, 2020, 20, 649.	0.9	46
20	Association between physical activity, sedentary behavior, and fitness with health related quality of life in healthy children and adolescents. Medicine (United States), 2017, 96, e6407.	0.4	44
21	Arterial Stiffness and Cognition Among Adults: A Systematic Review and Metaâ€Analysis of Observational and Longitudinal Studies. Journal of the American Heart Association, 2020, 9, e014621.	1.6	44
22	Skin Autofluorescence–Indicated Advanced Glycation End Products as Predictors of Cardiovascular and Allâ€Cause Mortality in Highâ€Risk Subjects: A Systematic Review and Metaâ€analysis. Journal of the American Heart Association, 2018, 7, e009833.	1.6	40
23	Association Between Muscular Strength and Bone Health from Children to Young Adults: A Systematic Review and Meta-analysis. Sports Medicine, 2020, 50, 1163-1190.	3.1	38
24	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. Health and Quality of Life Outcomes, 2021, 19, 127.	1.0	37
25	Effects of chronic physical activity on cognition across the lifespan: a systematic meta-review of randomized controlled trials and realist synthesis of contextualized mechanisms. International Review of Sport and Exercise Psychology, 2023, 16, 722-760.	3.1	37
26	Milk and Dairy Product Consumption and Prostate Cancer Risk and Mortality: An Overview of Systematic Reviews and Meta-analyses. Advances in Nutrition, 2019, 10, S212-S223.	2.9	36
27	Milk and Dairy Product Consumption and Risk of Mortality: An Overview of Systematic Reviews and Meta-Analyses. Advances in Nutrition, 2019, 10, S97-S104.	2.9	35
28	Effectiveness of multifactorial interventions in primary health care settings for primary prevention of cardiovascular disease: A systematic review of systematic reviews. Preventive Medicine, 2015, 76, S68-S75.	1.6	34
29	Diagnostic Accuracy Study of an Oscillometric Ankle-Brachial Index in Peripheral Arterial Disease: The Influence of Oscillometric Errors and Calcified Legs. PLoS ONE, 2016, 11, e0167408.	1.1	34
30	Evidence-Based Exercise Recommendations to Reduce Hepatic Fat Content in Youth- a Systematic Review and Meta-Analysis. Progress in Cardiovascular Diseases, 2018, 61, 222-231.	1.6	34
31	Association between pre-pregnancy overweight and obesity and children's neurocognitive development: a systematic review and meta-analysis of observational studies. International Journal of Epidemiology, 2017, 46, 1653-1666.	0.9	33
32	Best Exercise Options for Reducing Pain and Disability in Adults With Chronic Low Back Pain: Pilates, Strength, Core-Based, and Mind-Body. A Network Meta-analysis. Journal of Orthopaedic and Sports Physical Therapy, 2022, 52, 505-521.	1.7	33
33	The Acute Effect of Exercise on Arterial Stiffness in Healthy Subjects: A Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 291.	1.0	32
34	Reliability and validity of the Spanish version of the Children's Sleep Habits Questionnaire (CSHQâ€&P) in schoolâ€age children. Child: Care, Health and Development, 2016, 42, 675-682.	0.8	31
35	Association of physical activity with cognition, metacognition and academic performance in children and adolescents: a protocol for systematic review and meta-analysis. BMJ Open, 2016, 6, e011065.	0.8	30
36	Effect of supervised physiotherapy versus home exercise program in patients with subacromial impingement syndrome: A systematic review and meta-analysis. Physical Therapy in Sport, 2020, 41, 34-42.	0.8	30

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37	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. Journal of Medical Internet Research, 2020, 22, e17790.	2.1	29
38	Restorative treatments of dystrophin expression in Duchenne muscular dystrophy: A systematic review. Annals of Clinical and Translational Neurology, 2020, 7, 1738-1752.	1.7	27
39	The accuracy of an oscillometric ankle-brachial index in the diagnosis of lower limb peripheral arterial disease: A systematic review and meta-analysis. International Journal of Clinical Practice, 2017, 71, e12994.	0.8	26
40	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
41	Effects of exercise on endothelial progenitor cells in patients with cardiovascular disease: A systematic review and meta-analysis of randomized controlled trials. Revista Portuguesa De Cardiologia, 2019, 38, 817-827.	0.2	26
42	Impact of a multicomponent physical activity intervention on cognitive performance: The MOVIâ€KIDS study. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 766-775.	1.3	26
43	Interpregnancy Weight Change and Hypertension During Pregnancy. Obstetrics and Gynecology, 2020, 135, 68-79.	1.2	26
44	Active Commuting to and from School, Cognitive Performance, and Academic Achievement in Children and Adolescents: A Systematic Review and Meta-Analysis of Observational Studies. International Journal of Environmental Research and Public Health, 2019, 16, 1839.	1.2	24
45	Steps per Day and Arterial Stiffness. Hypertension, 2019, 73, 350-363.	1.3	24
46	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. Journal of Physiotherapy, 2018, 64, 222-228.	0.7	21
47	Effect of eHealth to increase physical activity in healthy adults over 55 years: A systematic review and metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 776-789.	1.3	21
48	Effect of physical activity on cognitive domains in dementia and mild cognitive impairment: overview of systematic reviews and meta-analyses. Aging and Mental Health, 2021, 25, 1977-1985.	1.5	20
49	Rationale and methods of a randomised cross-over cluster trial to assess the effectiveness of MOVI-KIDS on preventing obesity in pre-schoolers. BMC Public Health, 2015, 15, 176.	1.2	19
50	Pregnancy leisure physical activity and children's neurodevelopment: a narrative review. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 1235-1242.	1.1	19
51	Total Dairy, Cheese and Milk Intake and Arterial Stiffness: A Systematic Review and Meta-Analysis of Cross-sectional Studies Nutrients, 2019, 11, 741.	1.7	19
52	The Accuracy of Diagnostic Methods for Diabetic Retinopathy: A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0154411.	1.1	18
53	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
54	Risk of extrapyramidal side effects comparing continuous vs. bolus intravenous metoclopramide administration: a systematic review and metaâ€analysis of randomised controlled trials. Journal of Clinical Nursing, 2015, 24, 3638-3646.	1.4	17

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55	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. BMJ Open, 2017, 7, e018241.	0.8	17
56	MOVI-daFIT! Intervention. Medicine (United States), 2019, 98, e14737.	0.4	17
57	Relation between physical fitness and executive function variables in a preschool sample. Pediatric Research, 2020, 88, 623-628.	1.1	17
58	Glycated haemoglobin A1c as a predictor of preeclampsia in type 1 diabetic pregnant women: A systematic review and meta-analysis. Pregnancy Hypertension, 2018, 14, 49-54.	0.6	16
59	Are Advanced Glycation End Products in Skin Associated with Vascular Dysfunction Markers? A Meta-Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 6936.	1.2	16
60	Fitness and executive function as mediators between physical activity and academic achievement. Journal of Sports Sciences, 2021, 39, 1576-1584.	1.0	16
61	Does pectoralis minor stretching provide additional benefit over an exercise program in participants with subacromial pain syndrome? A randomized controlled trial. Musculoskeletal Science and Practice, 2019, 44, 102052.	0.6	15
62	The Effects of Physical Activity and Diet Interventions on Body Mass Index in Latin American Children and Adolescents: A Systematic Review and Meta-Analysis. Nutrients, 2020, 12, 1378.	1.7	15
63	Insulin and bone health in young adults: The mediator role of lean mass. PLoS ONE, 2017, 12, e0173874.	1.1	15
64	No Association Between Active Commuting to School, Adiposity, Fitness, and Cognition in Spanish Children: The MOVIâ€KIDS Study. Journal of School Health, 2018, 88, 839-846.	0.8	14
65	Exercise versus Metformin to Improve Pregnancy Outcomes among Overweight Pregnant Women: A Systematic Review and Network Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 3490.	1.0	14
66	Metabolic Syndrome Including Glycated Hemoglobin A1c in Adults: Is It Time to Change?. Journal of Clinical Medicine, 2019, 8, 2090.	1.0	12
67	Mediators between physical activity and academic achievement: A systematic review. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 452-464.	1.3	12
68	Reference Values for Fitness Level and Gross Motor Skills of 4–6-Year-Old Chilean Children. International Journal of Environmental Research and Public Health, 2020, 17, 797.	1.2	11
69	What type of physical exercise should be recommended for improving arterial stiffness on adult population? A network meta-analysis. European Journal of Cardiovascular Nursing, 2021, 20, 696-716.	0.4	11
70	Effectiveness of Pilates and Yoga to improve bone density in adult women: A systematic review and meta-analysis. PLoS ONE, 2021, 16, e0251391.	1.1	11
71	The effect of smoking and smoking cessation on arterial stiffness: a systematic review and meta-analysis. European Journal of Cardiovascular Nursing, 2022, 21, 297-306.	0.4	11
72	Prevalence of severe/morbid obesity and other weight status and anthropometric reference standards in Spanish preschool children: The PREFIT project. Pediatric Research, 2020, 87, 501-510.	1.1	10

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73	Effectiveness of supervised early exercise program in patients with arthroscopic rotator cuff repair. Medicine (United States), 2020, 99, e18846.	0.4	10
74	Comparative effect of physical exercise versus statins on improving arterial stiffness in patients with high cardiometabolic risk: A network meta-analysis. PLoS Medicine, 2021, 18, e1003543.	3.9	10
75	Association between arterial stiffness and the clustering of metabolic syndrome risk factors: a systematic review and meta-analysis. Journal of Hypertension, 2021, 39, 1051-1059.	0.3	10
76	Relationship between exclusive breastfeeding and cardiorespiratory fitness in children and adolescents: A metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 828-836.	1.3	9
77	Interpregnancy Weight Change and Gestational Diabetes Mellitus: A Systematic Review and Metaâ€Analysis. Obesity, 2021, 29, 454-464.	1.5	9
78	Glycosylated haemoglobin as a predictor of cardiovascular events and mortality: a protocol for a systematic review and meta-analysis. BMJ Open, 2016, 6, e012229.	0.8	8
79	Comparative Effect of Low-Glycemic Index versus High-Glycemic Index Breakfasts on Cognitive Function: A Systematic Review and Meta-Analysis. Nutrients, 2019, 11, 1706.	1.7	8
80	Relationship between breast feeding and motor development in children: protocol for a systematic review and meta-analysis. BMJ Open, 2019, 9, e029063.	0.8	8
81	The risk of eating disorders and bone health in young adults: the mediating role of body composition and fitness. Eating and Weight Disorders, 2019, 24, 1145-1154.	1.2	8
82	Resting Heart Rate as a Predictor of Cancer Mortality: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 1354.	1.0	8
83	Effect of retirement on cognitive function: a systematic review and meta-analysis. Occupational and Environmental Medicine, 2021, 78, 761-768.	1.3	8
84	Factors affecting the validity of the oscillometric Ankle Brachial Index to detect peripheral arterial disease. International Angiology, 2017, 36, 536-544.	0.4	7
85	Effectiveness of pharmacological treatments in Duchenne muscular dystrophy: a protocol for a systematic review and meta-analysis. BMJ Open, 2019, 9, e029341.	0.8	7
86	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. BMJ Open, 2019, 9, e030162.	0.8	7
87	Effectiveness of a multicomponent treatment versus conventional treatment in patients with fibromyalgia. Medicine (United States), 2020, 99, e18833.	0.4	7
88	The relationship between breastfeeding and motor development in children: a systematic review and meta-analysis. Nutrition Reviews, 2022, 80, 1827-1835.	2.6	7
89	A follow-up study to assess the determinants and consequences of physical activity in pregnant women of Cuenca, Spain. BMC Public Health, 2016, 16, 437.	1.2	6
90	Relación entre los valores de glucemia y la rigidez arterial en adultos no diabéticos. Medicina ClÃnica, 2018, 150, 56-60.	0.3	6

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91	The effectiveness of adding a scapular exercise programme to physical therapy treatment in patients with distal radius fracture treated conservatively: a randomized controlled trial. Clinical Rehabilitation, 2019, 33, 1931-1939.	1.0	6
92	Bone Health in Children and Youth with Cystic Fibrosis: A Systematic Review and Meta-Analysis of Matched Cohort Studies. Journal of Pediatrics, 2019, 215, 178-186.e16.	0.9	6
93	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. BMJ Open, 2019, 9, e031374.	0.8	6
94	Comparative effect of statins and types of physical exercise on arterial stiffness. Medicine (United) Tj ETQq0 0 0	rgBT /Ove 0.4	erlo <u>c</u> k 10 Tf 50
95	Association between type of rotator cuff tear and functional outcomes in patients with massive and irreparable rotator cuff tear: A pre-post intervention study. Journal of Shoulder and Elbow Surgery, 2021, 30, 1393-1401.	1.2	5
96	Impact of exercise training after bariatric surgery on cardiometabolic risk factors: a systematic review and meta-analysis of controlled trials. Reviews in Endocrine and Metabolic Disorders, 2021, 22, 891-912.	2.6	5
97	Safety and Efficacy of SGLT2 Inhibitors: A Multiple-Treatment Meta-Analysis of Clinical Decision Indicators. Journal of Clinical Medicine, 2021, 10, 2713.	1.0	5
98	The Safety and Efficacy of Calcitonin Gene-Related Peptide (CGRP) Monoclonal Antibodies for the Preventive Treatment of Migraine: A Protocol for Multiple-Treatment Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 1753.	1.2	5
99	The effects of physical activity interventions on glycated haemoglobin A1c in non-diabetic populations: a protocol for a systematic review and meta-analysis. BMJ Open, 2017, 7, e015801.	0.8	4
100	Relationship between glycaemic levels and arterial stiffness in non-diabetic adults. Medicina ClÃnica (English Edition), 2018, 150, 56-60.	0.1	4
101	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. BMJ Open, 2019, 9, e030332.	0.8	4
102	Gestational weight gain and offspring's cognitive skills: a systematic review and meta-analysis. BMC Pediatrics, 2020, 20, 533.	0.7	4
103	A Cluster Mediation Analysis Confirms the Validity of the "Fat but Fit―Paradigm in Children's Cognitive Function and Academic Achievement. Journal of Pediatrics, 2021, 231, 231-238.e1.	0.9	4
104	Association Between Arterial Stiffness and Blood Pressure Progression With Incident Hypertension: A Systematic Review and Meta-Analysis. Frontiers in Cardiovascular Medicine, 2022, 9, 798934.	1.1	4
105	<p>Cardiorespiratory fitness as a mediator of the relationship between birth weight and cognition in school children</p> . Psychology Research and Behavior Management, 2019, Volume 12, 255-262.	1.3	3
106	Association Between Eating Habits and Perceived School Performance: A Cross-Sectional Study Among 46,455 Adolescents From 42 Countries. Frontiers in Nutrition, 2022, 9, 797415.	1.6	3
107	Intima Media Thickness and Cognitive Function Among Adults: Metaâ€Analysis of Observational and Longitudinal Studies. Journal of the American Heart Association, 2022, 11, e021760.	1.6	3
108	Spectrum effect and spectrum bias in the oscillometric ankle brachial index to diagnose peripheral arterial disease: Clinical implications. Atherosclerosis, 2018, 272, 8-13.	0.4	2

## Celia Alvarez-Bueno

#	Article	IF	CITATIONS
109	Exercise vs metformin for gestational diabetes mellitus. Medicine (United States), 2019, 98, e16038.	0.4	2
110	Rationale and methods of a randomized clinical trial to compare specific exercise programs versus home exercises in patients with subacromial impingement syndrome. Medicine (United States), 2019, 98, e16139.	0.4	2
111	Diet in the Management of Weight Loss. Nutrients, 2021, 13, 1306.	1.7	2
112	Effectiveness of kinesiotaping in patients with subacromial impingement syndrome: A systematic review with metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2021, , .	1.3	2
113	Relationship between exclusive breast feeding and cardiorespiratory fitness in children and adolescents: a protocol for a systematic review and meta-analysis. BMJ Open, 2018, 8, e023223.	0.8	1
114	Lifetime predictors of stroke in subjects without a diagnosis of hypertension: the aerobics center longitudinal study. Neuropsychiatric Disease and Treatment, 2019, Volume 15, 849-856.	1.0	1
115	Correction to subglottic secretion drainage for preventing ventilator-associated pneumonia: an overview of systematic reviews and an updated meta-analysis. European Respiratory Review, 2022, 31, 220013.	3.0	1
116	Reply to Y Gao et al Advances in Nutrition, 2020, 11, 464-465.	2.9	0
117	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. Musculoskeletal Science and Practice, 2020, 46, 102127.	0.6	0
118	Physical Exercise vs. Metformin to Improve Delivery- and Newborn-Related Outcomes Among Pregnant Women With Overweight: A Network Meta-Analysis. Frontiers in Medicine, 2021, 8, 796009.	1.2	0
119	Frailty, depression risk and 10-year hospitalization in older adults. The FRADEA study. Geriatric Nursing, 2022, 46, 184-190.	0.9	0