

# Mara C Patino-Alonso

## 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

1,305  
citations

21  
h-index

30  
g-index

106  
ext. papers

1,582  
ext. citations

3.5  
avg, IF

4.27  
L-index

#	Paper	IF	Citations
98	Allotaxis and organizational excellence. <i>Journal of Business Research</i> , <b>2022</b> , 140, 107-114	8.7	0
97	Predictive Ability of Machine-Learning Methods for Vitamin D Deficiency Prediction by Anthropometric Parameters. <i>Mathematics</i> , <b>2022</b> , 10, 616	2.3	1
96	Cultural Adaptation and Validation into Spanish of the Scale to Measure Attitudes Towards the Sex Trafficking of Women and Girls in Students of the University of Salamanca. <i>Violence Against Women</i> , <b>2021</b> , 10778012211038971	2.6	0
95	Nomophobia Questionnaire (NMP-Q): Factorial structure and cut-off points for the Spanish version. <i>Revista De Psicologia De La Salud</i> , <b>2021</b> , 33, 137-148	1	10
94	Comparing COSTATIS and Generalized Procrustes Analysis with Multi-Way Public Education Expenditure Data. <i>Mathematics</i> , <b>2021</b> , 9, 1816	2.3	1
93	Behavioural intervention to reduce disruptive behaviours in adult day care centres users: A randomized clinical trial (PROCENDIAS study). <i>Journal of Advanced Nursing</i> , <b>2021</b> , 77, 987-998	3.1	1
92	Association between measurements of arterial stiffness and target organ damage in a general Spanish population. <i>Annals of Medicine</i> , <b>2021</b> , 53, 345-356	1.5	2
91	Hybrid causal multivariate linear modelling (H_CMLM) method for the analysis of temporal rivers runoff. <i>Journal of Hydrology</i> , <b>2021</b> , 599, 126501	6	3
90	Retinal blood vessel calibre and vascular ageing in a general Spanish population: A EVA study. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , e13684	4.6	
89	Learning Approaches and Coping with Academic Stress for Sustainability Teaching: Connections through Canonical Correspondence Analysis. <i>Sustainability</i> , <b>2021</b> , 13, 852	3.6	2
88	Vascular aging and its relationship with lifestyles and other risk factors in the general Spanish population: Early Vascular Ageing Study. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 1110-1122	1.9	11
87	Multivariate Analysis of Influence of Vitamin Intake on Vascular Function Parameters by Sex in the General Spanish Population: EVA Study. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	1
86	Automatic image analyser to assess retinal vessel calibre (ALTAIR). A new tool to evaluate the thickness, area and length of the vessels of the retina. <i>International Journal of Medical Informatics</i> , <b>2020</b> , 136, 104090	5.3	1
85	Rivers' Temporal Sustainability through the Evaluation of Predictive Runoff Methods. <i>Sustainability</i> , <b>2020</b> , 12, 1720	3.6	9
84	Adherence to the Mediterranean Diet in Spanish Population and Its Relationship with Early Vascular Aging according to Sex and Age: EVA Study. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	5
83	Valores de referencia de parámetros de rigidez arterial y su relación con los factores de riesgo cardiovascular en población española. Estudio EVA. <i>Revista Espanola De Cardiologia</i> , <b>2020</b> , 73, 43-52	1.5	7
82	Postprandial effects of breakfast glycaemic index on cognitive performance among young, healthy adults: A crossover clinical trial. <i>Nutritional Neuroscience</i> , <b>2020</b> , 23, 1-7	3.6	5

81	Complications Associated with Enteral Nutrition: CAFANE Study. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	7
80	Capacity adiposity indices to identify metabolic syndrome in subjects with intermediate cardiovascular risk (MARK study). <i>PLoS ONE</i> , <b>2019</b> , 14, e0209992	3.7	10
79	Effect of a multifactorial intervention on the increase in physical activity in subjects with type 2 diabetes mellitus: a randomized clinical trial (EMID Study). <i>European Journal of Cardiovascular Nursing</i> , <b>2019</b> , 18, 399-409	3.3	10
78	Acute effect of healthy walking on arterial stiffness in patients with type 2 diabetes and differences by age and sex: a pre-post intervention study. <i>BMC Cardiovascular Disorders</i> , <b>2019</b> , 19, 56	2.3	6
77	Water quality evaluation through a multivariate statistical HJ-Biplot approach. <i>Journal of Hydrology</i> , <b>2019</b> , 577, 123993	6	21
76	Reclassification by applying the Framingham equation 30 years to subjects with intermediate cardiovascular risk. MARK study. <i>Medicina Clínica</i> , <b>2019</b> , 153, 351-356	1	
75	Effectiveness of A Multifactorial Intervention in Increasing Adherence to the Mediterranean Diet among Patients with Diabetes Mellitus Type 2: A Controlled and Randomized Study (EMID Study). <i>Nutrients</i> , <b>2019</b> , 11,	6.7	22
74	Relationship between the presence of insomnia and walking physical activity and diet quality: A cross-sectional study in a sample of Spanish adults. <i>Medicina Clínica</i> , <b>2019</b> , 152, 339-345	1	3
73	Short- and long-term effectiveness of a smartphone application for improving measures of adiposity: A randomised clinical trial - EVIDENT II study. <i>European Journal of Cardiovascular Nursing</i> , <b>2018</b> , 17, 552-562	3.3	15
72	Multivariate characterization of university students using the ICT for learning. <i>Computers and Education</i> , <b>2018</b> , 121, 124-130	9.5	18
71	Behavioural intervention to reduce resistance in those attending adult day care centres: PROCENDIAS study protocol for a randomized clinical trial. <i>Journal of Advanced Nursing</i> , <b>2018</b> , 74, 1402-1411	3.1	2
70	The biological age linked to oxidative stress modifies breast cancer aggressiveness. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 120, 133-146	7.8	7
69	Noninvasive validation of central and peripheral augmentation index estimated by a novel wrist-worn tonometer. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 2204-2214	1.9	8
68	Supplementary data for the biological age linked to oxidative stress modifies breast cancer aggressiveness. <i>Data in Brief</i> , <b>2018</b> , 18, 1172-1184	1.2	0
67	Prognostic stratification of adult primary glioblastoma multiforme patients based on their tumor gene amplification profiles. <i>Oncotarget</i> , <b>2018</b> , 9, 28083-28102	3.3	4
66	Long-Term Effectiveness of a Smartphone App for Improving Healthy Lifestyles in General Population in Primary Care: Randomized Controlled Trial (Evident II Study). <i>JMIR MHealth and UHealth</i> , <b>2018</b> , 6, e107	5.5	25
65	A body shape index and vascular structure and function in Spanish adults (MARK study): A cross-sectional study. <i>Medicine (United States)</i> , <b>2018</b> , 97, e13299	1.8	6
64	Structure of Enhanced Cued Recall Task in the 7 Minute Screen Test. <i>Applied Neuropsychology Adult</i> , <b>2017</b> , 24, 152-159	1.9	1

63	The EVIDENT diet quality index is associated with cardiovascular risk and arterial stiffness in adults. <i>BMC Public Health</i> , <b>2017</b> , 17, 305	4.1	8
62	Adiposity measures and arterial stiffness in primary care: the MARK prospective observational study. <i>BMJ Open</i> , <b>2017</b> , 7, e016422	3	12
61	Diet quality and carotid atherosclerosis in intermediate cardiovascular risk individuals. <i>Nutrition Journal</i> , <b>2017</b> , 16, 40	4.3	2
60	Effectiveness of a multifactorial intervention based on an application for smartphones, heart-healthy walks and a nutritional workshop in patients with type 2 diabetes mellitus in primary care (EMID): study protocol for a randomised controlled trial. <i>BMJ Open</i> , <b>2017</b> , 7, e016191	3	11
59	Physical Activity and Adiposity Among Older Adults of the EVIDENT Study. <i>Journal of Aging and Physical Activity</i> , <b>2017</b> , 25, 254-260	1.6	4
58	Perceived Emotional Intelligence and Learning Strategies in Spanish University Students: A New Perspective from a Canonical Non-symmetrical Correspondence Analysis. <i>Frontiers in Psychology</i> , <b>2017</b> , 8, 1888	3.4	9
57	Postprandial Effects of Breakfast Glycemic Index on Vascular Function among Young Healthy Adults: A Crossover Clinical Trial. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	8
56	Glycemic markers and relation with arterial stiffness in Caucasian subjects of the MARK study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175982	3.7	19
55	Association of metabolic syndrome and its components with arterial stiffness in Caucasian subjects of the MARK study: a cross-sectional trial. <i>Cardiovascular Diabetology</i> , <b>2016</b> , 15, 148	8.7	45
54	Association between markers of glycemia and carotid intima-media thickness: the MARK study. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 203	2.3	8
53	Dietary glycemic index and retinal microvasculature in adults: a cross-sectional study. <i>Nutrition Journal</i> , <b>2016</b> , 15, 88	4.3	2
52	Postprandial effect of breakfast glycaemic index on vascular function, glycaemic control and cognitive performance (BGI study): study protocol for a randomised crossover trial. <i>Trials</i> , <b>2016</b> , 17, 516	2.8	4
51	Cognitive impairment and dependence of patients with diabetes older than 65 years old in an urban area (DERIVA study). <i>BMC Geriatrics</i> , <b>2016</b> , 16, 33	4.1	8
50	Multivariate profile of women who work in rural settings in Salamanca, Spain. <i>Journal of Sociology</i> , <b>2016</b> , 52, 806-823	2	1
49	Evolution of target organ damage and haemodynamic parameters over 4 years in patients with increased insulin resistance: the LOD-DIABETES prospective observational study. <i>BMJ Open</i> , <b>2016</b> , 6, e010400	3	3
48	Cardio-ankle vascular index is associated with cardiovascular target organ damage and vascular structure and function in patients with diabetes or metabolic syndrome, LOD-DIABETES study: a case series report. <i>Cardiovascular Diabetology</i> , <b>2015</b> , 14, 7	8.7	32
47	Effectiveness of interventions applicable to primary health care settings to promote Mediterranean diet or healthy eating adherence in adults: A systematic review. <i>Preventive Medicine</i> , <b>2015</b> , 76 Suppl, S39-55	4.3	26
46	Unraveling heterogeneous susceptibility and the evolution of breast cancer using a systems biology approach. <i>Genome Biology</i> , <b>2015</b> , 16, 40	18.3	11

45	Effects of kiwi consumption on plasma lipids, fibrinogen and insulin resistance in the context of a normal diet. <i>Nutrition Journal</i> , <b>2015</b> , 14, 97	4.3	10
44	Glycemic index, glycemic load, and pulse wave reflection in adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2015</b> , 25, 68-74	4.5	10
43	Clustering of lifestyle characteristics and their association with cardio-metabolic health: the Lifestyles and Endothelial Dysfunction (EVIDENT) study. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 943-51	3.6	12
42	The role of retinal vessels caliber as a marker of vascular aging in large arteries. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 818-26; discussion 826	1.9	8
41	The Association Between the Cardio-ankle Vascular Index and Other Parameters of Vascular Structure and Function in Caucasian Adults: MARK Study. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2015</b> , 22, 901-11	4	31
40	Leukocyte subtype counts and its association with vascular structure and function in adults with intermediate cardiovascular risk. MARK study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119963	3.7	8
39	Physical activity program for patients with dementia and their relative caregivers: randomized clinical trial in Primary Health Care (AFISDEMyF study). <i>BMC Neurology</i> , <b>2014</b> , 14, 63	3.1	4
38	Association between fat amount of dairy products with pulse wave velocity and carotid intima-media thickness in adults. <i>Nutrition Journal</i> , <b>2014</b> , 13, 37	4.3	18
37	Relationship between objectively measured physical activity and vascular structure and function in adults. <i>Atherosclerosis</i> , <b>2014</b> , 234, 366-72	3.1	27
36	Relationship between objectively measured physical activity and cardiovascular aging in the general population--the EVIDENT trial. <i>Atherosclerosis</i> , <b>2014</b> , 233, 434-440	3.1	30
35	Relationship between electrocardiographic left ventricular hypertrophy criteria and vascular structure and function parameters in hypertensive patients. <i>Journal of Human Hypertension</i> , <b>2014</b> , 28, 186-92	2.6	
34	Response to "blood pressure and physical activity: time to move (on)". <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 1126	2.3	
33	Blood pressure circadian pattern and physical exercise assessment by accelerometer and 7-day physical activity recall scale. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 665-73	2.3	16
32	Electrocardiographic left ventricular hypertrophy criteria and ambulatory blood pressure monitoring parameters in adults. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 355-62	2.3	4
31	Factors associated with adherence to the Mediterranean diet in the adult population. <i>Journal of the Academy of Nutrition and Dietetics</i> , <b>2014</b> , 114, 583-9	3.9	47
30	Relationship between physical activity and plasma fibrinogen concentrations in adults without chronic diseases. <i>PLoS ONE</i> , <b>2014</b> , 9, e87954	3.7	15
29	Confirmatory factor analysis to assess the measure of adiposity that best fits the diagnosis of metabolic syndrome and relationship to physical activity in adults. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 1451-9	5.2	4
28	Association between smoking status and the parameters of vascular structure and function in adults: results from the EVIDENT study. <i>BMC Cardiovascular Disorders</i> , <b>2013</b> , 13, 109	2.3	7

27	Effects of a psychological intervention in a primary health care center for caregivers of dependent relatives: a randomized trial. <i>Gerontologist, The</i> , <b>2013</b> , 53, 397-406	5	19
26	Relationship of 24-h blood pressure variability with vascular structure and function in hypertensive patients. <i>Blood Pressure Monitoring</i> , <b>2013</b> , 18, 101-6	1.3	34
25	Relationship between uric acid and vascular structure and function in hypertensive patients and sex-related differences. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 599-607	2.3	33
24	Association of television viewing time with central hemodynamic parameters and the radial augmentation index in adults. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 488-94	2.3	20
23	Ambulatory arterial stiffness indices and target organ damage in hypertension. <i>BMC Cardiovascular Disorders</i> , <b>2012</b> , 12, 1	2.3	35
22	Cocoa intake and arterial stiffness in subjects with cardiovascular risk factors. <i>Nutrition Journal</i> , <b>2012</b> , 11, 8	4.3	10
21	Delineation of commonly deleted chromosomal regions in meningiomas by high-density single nucleotide polymorphism genotyping arrays. <i>Genes Chromosomes and Cancer</i> , <b>2012</b> , 51, 606-17	5	14
20	Parameters of Arterial Stiffness: Hypertensive and Diabetic Patients vs Controls. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2012</b> , 65, 384-387	0.7	
19	Sodium and potassium intake present a J-shaped relationship with arterial stiffness and carotid intima-media thickness. <i>Atherosclerosis</i> , <b>2012</b> , 225, 497-503	3.1	25
18	Parameters of arterial stiffness: hypertensive and diabetic patients vs controls. <i>Revista Espanola De Cardiologia</i> , <b>2012</b> , 65, 384-7	1.5	
17	Office and 24-hour heart rate and target organ damage in hypertensive patients. <i>BMC Cardiovascular Disorders</i> , <b>2012</b> , 12, 19	2.3	8
16	Relationships between high-sensitive C-reactive protein and markers of arterial stiffness in hypertensive patients. Differences by sex. <i>BMC Cardiovascular Disorders</i> , <b>2012</b> , 12, 37	2.3	18
15	Abdominal obesity vs general obesity for identifying arterial stiffness, subclinical atherosclerosis and wave reflection in healthy, diabetics and hypertensive. <i>BMC Cardiovascular Disorders</i> , <b>2012</b> , 12, 3	2.3	91
14	Protocol for measuring carotid intima-media thickness that best correlates with cardiovascular risk and target organ damage. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 955-61	2.3	34
13	Cardiovascular risk assessment in hypertensive patients with tests recommended by the European Guidelines on Hypertension. <i>European Journal of Preventive Cardiology</i> , <b>2012</b> , 19, 515-22	3.9	10
12	A new tool to assess retinal vessel caliber. Reliability and validity of measures and their relationship with cardiovascular risk. <i>Journal of Hypertension</i> , <b>2012</b> , 30, 770-7	1.9	21
11	Carotid Intima-Media Thickness in Diabetics and Hypertensive Patients. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2011</b> , 64, 622-625	0.7	2
10	Relationships of night/day heart rate ratio with carotid intima media thickness and markers of arterial stiffness. <i>Atherosclerosis</i> , <b>2011</b> , 217, 420-6	3.1	11

9	Relationships between quality of life and family function in caregiver. <i>BMC Family Practice</i> , <b>2011</b> , 12, 19	2.6	35
8	Prevalence of cognitive impairment in individuals aged over 65 in an urban area: DERIVA study. <i>BMC Neurology</i> , <b>2011</b> , 11, 147	3.1	44
7	Peripheral and central arterial pressure and its relationship to vascular target organ damage in carotid artery, retina and arterial stiffness. Development and validation of a tool. The Vaso risk study. <i>BMC Public Health</i> , <b>2011</b> , 11, 266	4.1	16
6	Detection of mild cognitive impairment in people older than 65 years of age and its relationship to cardiovascular risk factors (DECRIVAM). <i>BMC Public Health</i> , <b>2011</b> , 11, 504	4.1	1
5	Relationship between intima-media thickness of the common carotid artery and arterial stiffness in subjects with and without type 2 diabetes: a case-series report. <i>Cardiovascular Diabetology</i> , <b>2011</b> , 10, 3	8.7	33
4	Yearly evolution of organ damage markers in diabetes or metabolic syndrome: data from the LOD-DIABETES study. <i>Cardiovascular Diabetology</i> , <b>2011</b> , 10, 90	8.7	13
3	Relationship between ambulatory arterial stiffness index and subclinical target organ damage in hypertensive patients. <i>Hypertension Research</i> , <b>2011</b> , 34, 180-6	4.7	32
2	Physical exercise, fitness and dietary pattern and their relationship with circadian blood pressure pattern, augmentation index and endothelial dysfunction biological markers: EVIDENT study protocol. <i>BMC Public Health</i> , <b>2010</b> , 10, 233	4.1	43
1	Effectiveness of an intervention in groups of family caregivers of dependent patients for their application in primary health centers. Study protocol. <i>BMC Public Health</i> , <b>2010</b> , 10, 559	4.1	5