MarÃ-a C Patino-Alonso

List of Publications by Year
in descending order

102 papers	1,835 citations	257357 24 h-index	345118 36 g-index
106 all docs	106 docs citations	106 times ranked	3227 citing authors

#	Article	IF	Citations
1	Abdominal obesity vs general obesity for identifying arterial stiffness, subclinical atherosclerosis and wave reflection in healthy, diabetics and hypertensive. BMC Cardiovascular Disorders, 2012, 12, 3.	0.7	111
2	Factors Associated with Adherence to the Mediterranean Diet in the Adult Population. Journal of the Academy of Nutrition and Dietetics, 2014, 114, 583-589.	0.4	65
3	Association of metabolic syndrome and its components with arterial stiffness in Caucasian subjects of the MARK study: a cross-sectional trial. Cardiovascular Diabetology, 2016, 15, 148.	2.7	61
4	Prevalence of cognitive impairment in individuals aged over 65 in an urban area: DERIVA study. BMC Neurology, 2011, 11, 147.	0.8	60
5	Ambulatory arterial stiffness indices and target organ damage in hypertension. BMC Cardiovascular Disorders, 2012, 12, 1.	0.7	54
6	Physical exercise, fitness and dietary pattern and their relationship with circadian blood pressure pattern, augmentation index and endothelial dysfunction biological markers: EVIDENT study protocol. BMC Public Health, 2010, 10, 233.	1.2	50
7	Relationships between quality of life and family function in caregiver. BMC Family Practice, 2011, 12, 19.	2.9	50
8	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). Nutrients, 2019, 11, 162.	1.7	48
9	Effectiveness of interventions applicable to primary health care settings to promote Mediterranean diet or healthy eating adherence in adults: A systematic review. Preventive Medicine, 2015, 76, S39-S55.	1.6	44
10	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. Cardiovascular Diabetology, 2015, 14, 7.	2.7	42
11	Protocol for Measuring Carotid Intima-Media Thickness That Best Correlates With Cardiovascular Risk and Target Organ Damage. American Journal of Hypertension, 2012, 25, 955-961.	1.0	41
12	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. Cardiovascular Diabetology, 2011, 10, 3.	2.7	39
13	Relationship of 24-h blood pressure variability with vascular structure and function in hypertensive patients. Blood Pressure Monitoring, 2013, 18, 101-106.	0.4	39
14	Relationship Between Uric Acid and Vascular Structure and Function in Hypertensive Patients and Sex-Related Differences. American Journal of Hypertension, 2013, 26, 599-607.	1.0	37
15	The Association Between the Cardio-ankle Vascular Index and Other Parameters of Vascular Structure and Function in Caucasian Adults: MARK Study. Journal of Atherosclerosis and Thrombosis, 2015, 22, 901-911.	0.9	37
16	Relationship between ambulatory arterial stiffness index and subclinical target organ damage in hypertensive patients. Hypertension Research, 2011, 34, 180-186.	1.5	36
17	Relationship between objectively measured physical activity and cardiovascular aging in the general population â€“ The EVIDENT trial. Atherosclerosis, 2014, 233, 434-440.	0.4	36
18	Long-Term Effectiveness of a Smartphone App for Improving Healthy Lifestyles in General Population in Primary Care: Randomized Controlled Trial (Evident II Study). JMIR MHealth and UHealth, 2018, 6, e107.	1.8	36

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19	Relationship between objectively measured physical activity and vascular structure and function in adults. Atherosclerosis, 2014, 234, 366-372.	0.4	34
20	Sodium and potassium intake present a J-shaped relationship with arterial stiffness and carotid intima-media thickness. Atherosclerosis, 2012, 225, 497-503.	0.4	33
21	Water quality evaluation through a multivariate statistical HJ-Biplot approach. Journal of Hydrology, 2019, 577, 123993.	2.3	30
22	Short- and long-term effectiveness of a smartphone application for improving measures of adiposity: A randomised clinical trial â€“ EVIDENT II study. European Journal of Cardiovascular Nursing, 2018, 17, 552-562.	0.4	28
23	Multivariate characterization of university students using the ICT for learning. Computers and Education, 2018, 121, 124-130.	5.1	27
24	A new tool to assess retinal vessel caliber. Reliability and validity of measures and their relationship with cardiovascular risk. Journal of Hypertension, 2012, 30, 770-777.	0.3	26
25	Association of Television Viewing Time With Central Hemodynamic Parameters and the Radial Augmentation Index in Adults. American Journal of Hypertension, 2013, 26, 488-494.	1.0	25
26	Vascular aging and its relationship with lifestyles and other risk factors in the general Spanish population: Early Vascular Ageing Study. Journal of Hypertension, 2020, 38, 1110-1122.	0.3	25
27	Association between fat amount of dairy products with pulse wave velocity and carotid intima-media thickness in adults. Nutrition Journal, 2014, 13, 37.	1.5	24
28	Glycemic markers and relation with arterial stiffness in Caucasian subjects of the MARK study. PLoS ONE, 2017, 12, e0175982.	1.1	24
29	Cuestionario de Nomofobia (NMP-Q): Estructura factorial y puntos de corte de la versiÃ³n espaÃ±ola. Revista De Psicologia De La Salud, 2021, 33, 137.	0.2	24
30	Relationships between high-sensitive C-reactive protein and markers of arterial stiffness in hypertensive patients. Differences by sex. BMC Cardiovascular Disorders, 2012, 12, 37.	0.7	23
31	Unraveling heterogeneous susceptibility and the evolution of breast cancer using a systems biology approach. Genome Biology, 2015, 16, 40.	3.8	23
32	Effects of a Psychological Intervention in a Primary Health Care Center for Caregivers of Dependent Relatives: A Randomized Trial. Gerontologist, The, 2013, 53, 397-406.	2.3	22
33	Complications Associated with Enteral Nutrition: CAFANE Study. Nutrients, 2019, 11, 2041.	1.7	22
34	Effect of a multifactorial intervention on the increase in physical activity in subjects with type 2 diabetes mellitus: a randomized clinical trial (EMID Study). European Journal of Cardiovascular Nursing, 2019, 18, 399-409.	0.4	22
35	Valores de referencia de parÃ¡metros de rigidez arterial y su relaciÃ³n con los factores de riesgo cardiovascular en poblaciÃ³n espaÃ±ola. Estudio EVA. Revista Espanola De Cardiologia, 2020, 73, 43-52.	0.6	20
36	Relationship between Physical Activity and Plasma Fibrinogen Concentrations in Adults without Chronic Diseases. PLoS ONE, 2014, 9, e87954.	1.1	19

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37	Capacity adiposity indices to identify metabolic syndrome in subjects with intermediate cardiovascular risk (MARK study). PLoS ONE, 2019, 14, e0209992.	1.1	18
38	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. BMC Public Health, 2011, 11, 266.	1.2	17
39	Blood Pressure Circadian Pattern and Physical Exercise Assessment by Accelerometer and 7-Day Physical Activity Recall Scale. American Journal of Hypertension, 2014, 27, 665-673.	1.0	17
40	Clustering of lifestyle characteristics and their association with cardio-metabolic health: the Lifestyles and Endothelial Dysfunction (EVIDENT) study. British Journal of Nutrition, 2015, 114, 943-951.	1.2	17
41	The biological age linked to oxidative stress modifies breast cancer aggressiveness. Free Radical Biology and Medicine, 2018, 120, 133-146.	1.3	17
42	Effects of kiwi consumption on plasma lipids, fibrinogen and insulin resistance in the context of a normal diet. Nutrition Journal, 2015, 14, 97.	1.5	16
43	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. BMJ Open, 2017, 7, e016191.	0.8	16
44	Delineation of commonly deleted chromosomal regions in meningiomas by highâ€density single nucleotide polymorphism genotyping arrays. Genes Chromosomes and Cancer, 2012, 51, 606-617.	1.5	15
45	Adiposity measures and arterial stiffness in primary care: the MARK prospective observational study. BMJ Open, 2017, 7, e016422.	0.8	15
46	Perceived Emotional Intelligence and Learning Strategies in Spanish University Students: A New Perspective from a Canonical Non-symmetrical Correspondence Analysis. Frontiers in Psychology, 2017, 8, 1888.	1.1	15
47	Cardiovascular risk assessment in hypertensive patients with tests recommended by the European Guidelines on Hypertension. European Journal of Preventive Cardiology, 2012, 19, 515-522.	0.8	14
48	Association between markers of glycemia and carotid intima-media thickness: the MARK study. BMC Cardiovascular Disorders, 2016, 16, 203.	0.7	14
49	The EVIDENT diet quality index is associated with cardiovascular risk and arterial stiffness in adults. BMC Public Health, 2017, 17, 305.	1.2	14
50	Noninvasive validation of central and peripheral augmentation index estimated by a novel wrist-worn tonometer. Journal of Hypertension, 2018, 36, 2204-2214.	0.3	14
51	Yearly evolution of organ damage markers in diabetes or metabolic syndrome: data from the LOD-DIABETES study. Cardiovascular Diabetology, 2011, 10, 90.	2.7	13
52	Cognitive impairment and dependence of patients with diabetes older than 65Âyears old in an urban area (DERIVA study). BMC Geriatrics, 2016, 16, 33.	1.1	13
53	Glycemic index, glycemic load, and pulse wave reflection in adults. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 68-74.	1.1	12
54	Riversâ€™ Temporal Sustainability through the Evaluation of Predictive Runoff Methods. Sustainability, 2020, 12, 1720.	1.6	12

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55	Adherence to the Mediterranean Diet in Spanish Population and Its Relationship with Early Vascular Aging according to Sex and Age: EVA Study. Nutrients, 2020, 12, 1025.	1.7	12
56	Relationships of night/day heart rate ratio with carotid intima media thickness and markers of arterial stiffness. Atherosclerosis, 2011, 217, 420-426.	0.4	11
57	Office and 24-hour heart rate and target organ damage in hypertensive patients. BMC Cardiovascular Disorders, 2012, 12, 19.	0.7	11
58	Cocoa intake and arterial stiffness in subjects with cardiovascular risk factors. Nutrition Journal, 2012, 11, 8.	1.5	10
59	A body shape index and vascular structure and function in Spanish adults (MARK study). Medicine (United States), 2018, 97, e13299.	0.4	10
60	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. International Journal of Medical Informatics, 2020, 136, 104090.	1.6	10
61	Leukocyte Subtype Counts and Its Association with Vascular Structure and Function in Adults with Intermediate Cardiovascular Risk. MARK Study. PLoS ONE, 2015, 10, e0119963.	1.1	10
62	The role of retinal vessels caliber as a marker of vascular aging in large arteries. Journal of Hypertension, 2015, 33, 818-826.	0.3	9
63	Postprandial Effects of Breakfast Glycemic Index on Vascular Function among Young Healthy Adults: A Crossover Clinical Trial. Nutrients, 2017, 9, 712.	1.7	9
64	Effectiveness of an intervention in groups of family caregivers of dependent patients for their application in primary health centers. Study protocol. BMC Public Health, 2010, 10, 559.	1.2	8
65	Association between smoking status and the parameters of vascular structure and function in adults: results from the EVIDENT study. BMC Cardiovascular Disorders, 2013, 13, 109.	0.7	8
66	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. BMC Cardiovascular Disorders, 2019, 19, 56.	0.7	8
67	Physical activity program for patients with dementia and their relative caregivers: randomized clinical trial in Primary Health Care (AFISDEMyF study). BMC Neurology, 2014, 14, 63.	0.8	7
68	Carotid Intima-Media Thickness in Diabetics and Hypertensive Patients. Revista Espanola De Cardiologia (English Ed), 2011, 64, 622-625.	0.4	6
69	Electrocardiographic Left Ventricular Hypertrophy Criteria and Ambulatory Blood Pressure Monitoring Parameters in Adults. American Journal of Hypertension, 2014, 27, 355-362.	1.0	6
70	Physical Activity and Adiposity Among Older Adults of the EVIDENT Study. Journal of Aging and Physical Activity, 2017, 25, 254-260.	0.5	6
71	Relationship between the presence of insomnia and walking physical activity and diet quality: A cross-sectional study in a sample of Spanish adults. Medicina ClÃnica, 2019, 152, 339-345.	0.3	6
72	Postprandial effects of breakfast glycaemic index on cognitive performance among young, healthy adults: A crossover clinical trial. Nutritional Neuroscience, 2020, 23, 1-7.	1.5	6

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73	Confirmatory factor analysis to assess the measure of adiposity that best fits the diagnosis of metabolic syndrome and relationship to physical activity in adults. European Journal of Nutrition, 2013, 52, 1451-1459.	1.8	5
74	Learning Approaches and Coping with Academic Stress for Sustainability Teaching: Connections through Canonical Correspondence Analysis. Sustainability, 2021, 13, 852.	1.6	5
75	Prognostic stratification of adult primary glioblastoma multiforme patients based on their tumor gene amplification profiles. Oncotarget, 2018, 9, 28083-28102.	0.8	5
76	Evolution of target organ damage and haemodynamic parameters over 4â€…years in patients with increased insulin resistance: the LOD-DIABETES prospective observational study. BMJ Open, 2016, 6, e010400.	0.8	4
77	Postprandial effect of breakfast glycaemic index on vascular function, glycaemic control and cognitive performance (BGI study): study protocol for a randomised crossover trial. Trials, 2016, 17, 516.	0.7	4
78	Predictive Ability of Machine-Learning Methods for Vitamin D Deficiency Prediction by Anthropometric Parameters. Mathematics, 2022, 10, 616.	1.1	4
79	Relationship of Different Anthropometric Indices with Vascular Ageing in an Adult Population without Cardiovascular Diseaseâ€”EVA Study. Journal of Clinical Medicine, 2022, 11, 2671.	1.0	4
80	Association between measurements of arterial stiffness and target organ damage in a general Spanish population. Annals of Medicine, 2021, 53, 345-356.	1.5	3
81	Hybrid causal multivariate linear modelling (H_CMLM) method for the analysis of temporal rivers runoff. Journal of Hydrology, 2021, 599, 126501.	2.3	3
82	Dietary glycemic index and retinal microvasculature in adults: a cross-sectional study. Nutrition Journal, 2016, 15, 88.	1.5	2
83	Diet quality and carotid atherosclerosis in intermediate cardiovascular risk individuals. Nutrition Journal, 2017, 16, 40.	1.5	2
84	Behavioural intervention to reduce resistance in those attending adult day care centres: <scp>PROCENDIAS</scp> study protocol for a randomized clinical trial. Journal of Advanced Nursing, 2018, 74, 1402-1411.	1.5	2
85	Supplementary data for the biological age linked to oxidative stress modifies breast cancer aggressiveness. Data in Brief, 2018, 18, 1172-1184.	0.5	2
86	Behavioural intervention to reduce disruptive behaviours in adult day care centres users: A randomizsed clinical trial (PROCENDIAS study). Journal of Advanced Nursing, 2021, 77, 987-998.	1.5	2
87	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. Violence Against Women, 2022, 28, 3242-3265.	1.1	2
88	Allostasis and organizational excellence. Journal of Business Research, 2022, 140, 107-114.	5.8	2
89	Detection of mild cognitive impairment in people older than 65 years of age and its relationship to cardiovascular risk factors (DECRIVAM). BMC Public Health, 2011, 11, 504.	1.2	1
90	Multivariate profile of women who work in rural settings in Salamanca, Spain. Journal of Sociology, 2016, 52, 806-823.	0.9	1

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91	Structure of Enhanced Cued Recall Task in the 7 Minute Screen Test. Applied Neuropsychology Adult, 2017, 24, 152-159.	0.7	1
92	Multivariate Analysis of Influence of Vitamin Intake on Vascular Function Parameters by Sex in the General Spanish Population: EVA Study. Nutrients, 2020, 12, 643.	1.7	1
93	Comparing COSTATIS and Generalized Procrustes Analysis with Multi-Way Public Education Expenditure Data. Mathematics, 2021, 9, 1816.	1.1	1
94	Vascular target organ damage in patients with Philadelphia negative myeloproliferative syndrome: A propensity score analysis. Medicina ClÃnica, 2021, , .	0.3	1
95	Retinal blood vessel calibre and vascular ageing in a general Spanish population: A EVA study. European Journal of Clinical Investigation, 2022, 52, e13684.	1.7	1
96	Reclassification by applying the Framingham equation 30 years to subjects with intermediate cardiovascular risk. MARK study. Medicina ClÃnica, 2019, 153, 351-356.	0.3	1
97	Parameters of Arterial Stiffness: Hypertensive and Diabetic Patients vs Controls. Revista Espanola De Cardiologia (English Ed), 2012, 65, 384-387.	0.4	0
98	ParÃ¡metros de rigidez arterial en sujetos hipertensos y diabÃ©ticos comparados con controles. Revista Espanola De Cardiologia, 2012, 65, 384-387.	0.6	0
99	Relationship between electrocardiographic left ventricular hypertrophy criteria and vascular structure and function parameters in hypertensive patients. Journal of Human Hypertension, 2014, 28, 186-192.	1.0	0
100	Response to â€œBlood Pressure and Physical Activity: Time to Move (On)â€• American Journal of Hypertension, 2014, 27, 1126-1126.	1.0	0
101	SÃndrome de Â«burnoutÂ» y apoyo social en maestros de EducaciÃ³n Primaria. Estudios Sobre Educacion, 0, , .	0.2	0
102	Vascular target organ damage in patients with Philadelphia negative myeloproliferative syndrome: A propensity score analysis. Medicina ClÃnica (English Edition), 2022, 158, 503-508.	0.1	0