

Martin Laclaustra

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,989
citations

136740

32
h-index

128067

60
g-index

87
all docs

87
docs citations

87
times ranked

5638
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence, Vascular Distribution, and Multiterritorial Extent of Subclinical Atherosclerosis in a Middle-Aged Cohort. <i>Circulation</i> , 2015, 131, 2104-2113.	1.6	352
2	Serum Selenium Concentrations and Diabetes in U.S. Adults: National Health and Nutrition Examination Survey (NHANES) 2003-2004. <i>Environmental Health Perspectives</i> , 2009, 117, 1409-1413.	2.8	227
3	Femoral and Carotid Subclinical Atherosclerosis Association With Risk Factors and Coronary Calcium. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1263-1274.	1.2	172
4	Serum selenium and serum lipids in US adults: National Health and Nutrition Examination Survey (NHANES) 2003-2004. <i>Atherosclerosis</i> , 2010, 210, 643-648.	0.4	152
5	Metabolic syndrome pathophysiology: The role of adipose tissue. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007, 17, 125-139.	1.1	148
6	Validity and Reproducibility of a Spanish Dietary History. <i>PLoS ONE</i> , 2014, 9, e86074.	1.1	141
7	A prospective study of dietary selenium intake and risk of type 2 diabetes. <i>BMC Public Health</i> , 2010, 10, 564.	1.2	139
8	Higher Selenium Status is Associated with Adverse Blood Lipid Profile in British Adults. <i>Journal of Nutrition</i> , 2010, 140, 81-87.	1.3	132
9	Impaired Sensitivity to Thyroid Hormones Is Associated With Diabetes and Metabolic Syndrome. <i>Diabetes Care</i> , 2019, 42, 303-310.	4.3	130
10	Serum Selenium Concentrations and Hypertension in the US Population. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2009, 2, 369-376.	0.9	124
11	Association of Global DNA Methylation and Global DNA Hydroxymethylation with Metals and Other Exposures in Human Blood DNA Samples. <i>Environmental Health Perspectives</i> , 2014, 122, 946-954.	2.8	102
12	Low Hemoglobin A1c and Risk of All-Cause Mortality Among US Adults Without Diabetes. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2010, 3, 661-667.	0.9	94
13	The Progression and Early detection of Subclinical Atherosclerosis (PESA) study: Rationale and design. <i>American Heart Journal</i> , 2013, 166, 990-998.	1.2	82
14	Prehypertension Is Associated With Insulin Resistance State and Not With an Initial Renal Function Impairment A Metabolic Syndrome in Active Subjects in Spain (MESYAS) Registry Substudy. <i>American Journal of Hypertension</i> , 2006, 19, 189-196.	1.0	81
15	Metabolic syndrome and insulin resistance are associated with frailty in older adults: a prospective cohort study. <i>Age and Ageing</i> , 2017, 46, 807-812.	0.7	78
16	Comparison of Serum Lipid Values in Subjects With and Without the Metabolic Syndrome. <i>American Journal of Cardiology</i> , 2008, 102, 424-428.	0.7	77
17	Serum Selenium and Peripheral Arterial Disease: Results From the National Health and Nutrition Examination Survey, 2003-2004. <i>American Journal of Epidemiology</i> , 2009, 169, 996-1003.	1.6	77
18	Usefulness of Triglycerides-to-High-Density Lipoprotein Cholesterol Ratio for Predicting the First Coronary Event in Men. <i>American Journal of Cardiology</i> , 2009, 104, 1393-1397.	0.7	76

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19	Aragon workers's health study " design and cohort description. BMC Cardiovascular Disorders, 2012, 12, 45.	0.7	70
20	Adjusting MtDNA Quantification in Whole Blood for Peripheral Blood Platelet and Leukocyte Counts. PLoS ONE, 2016, 11, e0163770.	1.1	68
21	Predicting Subclinical Atherosclerosis in Low-Risk Individuals. Journal of the American College of Cardiology, 2017, 70, 2463-2473.	1.2	55
22	Effect of lipid-lowering treatment in cardiovascular disease prevalence in familial hypercholesterolemia. Atherosclerosis, 2019, 284, 245-252.	0.4	55
23	Evaluación no invasiva de la función endotelial en la práctica clínica. Revista Española De Cardiología, 2012, 65, 80-90.	0.6	54
24	Ultra-processed Food Consumption and Incident Frailty: A Prospective Cohort Study of Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1126-1133.	1.7	51
25	Sedentary Lifestyle and Its Relation to Cardiovascular Risk Factors, Insulin Resistance and Inflammatory Profile. Revista Española De Cardiología (English Ed), 2014, 67, 449-455.	0.4	50
26	Oxidized LDL Is Associated With Metabolic Syndrome Traits Independently of Central Obesity and Insulin Resistance. Diabetes, 2017, 66, 474-482.	0.3	46
27	Noninvasive Assessment of Endothelial Function in Clinical Practice. Revista Española De Cardiología (English Ed), 2012, 65, 80-90.	0.4	41
28	Anopheles gambiae Croquemort SCRBO2, expression profile in the mosquito and its potential interaction with the malaria parasite Plasmodium berghei. Insect Biochemistry and Molecular Biology, 2009, 39, 395-402.	1.2	38
29	The inflammatory potential of diet is related to incident frailty and slow walking in older adults. Clinical Nutrition, 2020, 39, 185-191.	2.3	35
30	Physical inactivity interacts with an endothelial lipase polymorphism to modulate high density lipoprotein cholesterol in the GOLDN study. Atherosclerosis, 2009, 206, 500-504.	0.4	33
31	New Biochemical Insights into the Mechanisms of Pulmonary Arterial Hypertension in Humans. PLoS ONE, 2016, 11, e0160505.	1.1	32
32	Prospective association between added sugars and frailty in older adults. American Journal of Clinical Nutrition, 2018, 107, 772-779.	2.2	32
33	Brachial Artery Flow-Mediated Dilation and Myocardial Perfusion in Patients With Cardiac Syndrome X. American Journal of Cardiology, 2005, 95, 1478-1480.	0.7	31
34	Effect of an alcohol-free beer enriched with isomaltulose and a resistant dextrin on insulin resistance in diabetic patients with overweight or obesity. Clinical Nutrition, 2020, 39, 475-483.	2.3	30
35	Prevalence of Metabolic Syndrome in the Spanish Working Population: MESYAS Registry. Revista Española De Cardiología (English Ed), 2005, 58, 797-806.	0.4	29
36	Gender differences in obesity related cardiovascular risk factors in Spain. Preventive Medicine, 2009, 48, 134-139.	1.6	28

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37	LDL Cholesterol Rises With BMI Only in Lean Individuals: Cross-sectional U.S. and Spanish Representative Data. <i>Diabetes Care</i> , 2018, 41, 2195-2201.	4.3	28
38	Moderate alcohol drinking is not associated with risk of depression in older adults. <i>Scientific Reports</i> , 2018, 8, 11512.	1.6	28
39	Association Between a Social-Business Eating Pattern and Early Asymptomatic Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2016, 68, 805-814.	1.2	24
40	Genetic predictors of weight loss in overweight and obese subjects. <i>Scientific Reports</i> , 2019, 9, 10770.	1.6	24
41	Frailty, Disability, and Ambulatory Blood Pressure in Older Adults. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 433-438.	1.2	23
42	Socioeconomic determinants of sarcopenic obesity and frail obesity in community-dwelling older adults: The Seniors-ENRICA Study. <i>Scientific Reports</i> , 2018, 8, 10760.	1.6	23
43	High consumption of ultra-processed food may double the risk of subclinical coronary atherosclerosis: the Aragon Workers Health Study (AWHS). <i>BMC Medicine</i> , 2020, 18, 235.	2.3	23
44	Olive oil consumption is associated with a lower risk of cardiovascular disease and stroke. <i>Clinical Nutrition</i> , 2022, 41, 122-130.	2.3	23
45	Association of endothelial function and vascular data with LDL-c and HDL-c in a homogeneous population of middle-aged, healthy military men: Evidence for a critical role of optimal lipid levels. <i>International Journal of Cardiology</i> , 2008, 125, 376-382.	0.8	22
46	A registration-based approach to quantify flow-mediated dilation (FMD) of the brachial artery in ultrasound image sequences. <i>IEEE Transactions on Medical Imaging</i> , 2003, 22, 1458-1469.	5.4	21
47	Glycated Hemoglobin, Fasting Insulin and the Metabolic Syndrome in Males. Cross-Sectional Analyses of the Aragon Workers Health Study Baseline. <i>PLoS ONE</i> , 2015, 10, e0132244.	1.1	18
48	Exposure to dietary polychlorinated biphenyls and dioxins, and its relationship with subclinical coronary atherosclerosis: The Aragon Workers' Health Study. <i>Environment International</i> , 2020, 136, 105433.	4.8	18
49	Relación entre el síndrome metabólico y la mortalidad por cardiopatía isquémica en España. <i>Revista Española De Cardiología</i> , 2009, 62, 1469-1472.	0.6	17
50	Comments on the 2011 ESC/EAS guidelines for the management of dyslipidemias. A report of the Task Force of the Clinical Practice Guidelines Committee of the Spanish Society of Cardiology. <i>Revista Española De Cardiología (English Ed)</i> , 2011, 64, 1090-1095.	0.4	17
51	Toxic Metals and Subclinical Atherosclerosis in Carotid, Femoral, and Coronary Vascular Territories: The Aragon Workers Health Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 87-99.	1.1	17
52	Detailed exploration of the endothelium: parameterization of flow-mediated dilation through principal component analysis. <i>Physiological Measurement</i> , 2007, 28, 301-320.	1.2	16
53	Comparative efficacy between atorvastatin and rosuvastatin in the prevention of cardiovascular disease recurrence. <i>Lipids in Health and Disease</i> , 2019, 18, 216.	1.2	16
54	Serum Lipid Profile in Subjects with Traumatic Spinal Cord Injury. <i>PLoS ONE</i> , 2015, 10, e0115522.	1.1	15

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55	Work Shift, Lifestyle Factors, and Subclinical Atherosclerosis in Spanish Male Workers: A Mediation Analysis. <i>Nutrients</i> , 2021, 13, 1077.	1.7	14
56	Association of Ferritin Elevation and Metabolic Syndrome in Males. Results from the Aragon Workers' Health Study (AWHS). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2081-2089.	1.8	13
57	Behavioural cardiovascular risk factors and prevalence of diabetes in subjects with familial hypercholesterolaemia. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1649-1660.	0.8	13
58	Adherence to a Mediterranean diet is associated with the presence and extension of atherosclerotic plaques in middle-aged asymptomatic adults: The Aragon Workers' Health Study. <i>Journal of Clinical Lipidology</i> , 2017, 11, 1372-1382.e4.	0.6	12
59	Lipoprotein(a) in hereditary hypercholesterolemia: Influence of the genetic cause, defective gene and type of mutation. <i>Atherosclerosis</i> , 2022, 349, 211-218.	0.4	12
60	Sleep duration and subclinical atherosclerosis: The Aragon Workers' Health Study. <i>Atherosclerosis</i> , 2018, 274, 35-40.	0.4	11
61	The intake of flavonoids, stilbenes, and tyrosols, mainly consumed through red wine and virgin olive oil, is associated with lower carotid and femoral subclinical atherosclerosis and coronary calcium. <i>European Journal of Nutrition</i> , 2022, 61, 2697-2709.	1.8	11
62	Aortic Valvular Disease in Elderly Subjects with Heterozygous Familial Hypercholesterolemia: Impact of Lipid-Lowering Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 2209.	1.0	10
63	Estándares SEA 2019 para el control global del riesgo cardiovascular. <i>Clínica E Investigación En Arteriosclerosis</i> , 2019, 31, 1-43.	0.4	8
64	Relationship Between Metabolic Syndrome and Ischemic Heart Disease Mortality in Spain. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2009, 62, 1469-1472.	0.4	7
65	Maternally inherited hypercholesterolemia does not modify the cardiovascular phenotype in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2021, 320, 47-52.	0.4	7
66	Comparison of Cardiovascular Risk Factors in Young Spanish Men Between the 1980s and After the Year 2000. Data From the AGEMZA Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2008, 61, 1260-1266.	0.4	6
67	Non-linear association of periodontal pathogen antibodies with mortality. <i>International Journal of Cardiology</i> , 2015, 187, 628-636.	0.8	6
68	Association between alcohol consumption and subclinical femoral atherosclerosis in smoking and non-smoking men: the AWHS study. <i>Addiction</i> , 2020, 115, 1754-1761.	1.7	6
69	Three Dimensional Carotid and Femoral Ultrasound is not Superior to Two Dimensional Ultrasound as a Predictor of Coronary Atherosclerosis Among Men With Intermediate Cardiovascular Risk. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 129-136.	0.8	5
70	Diagnostic yield of sequencing familial hypercholesterolemia genes in individuals with primary hypercholesterolemia. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 664-673.	0.4	5
71	Rendimiento diagnóstico de la secuenciación de genes de hipercolesterolemia familiar en sujetos con hipercolesterolemia primaria. <i>Revista Espanola De Cardiologia</i> , 2020, 74, 664-664.	0.6	5
72	Association of Cholesterol and Oxysterols in Adipose Tissue With Obesity and Metabolic Syndrome Traits. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3929-e3936.	1.8	5

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73	Triglyceride Metabolism Modifies Lipoprotein(a) Plasma Concentration. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3594-e3602.	1.8	5
74	Daily Sitting for Long Periods Increases the Odds for Subclinical Atheroma Plaques. Journal of Clinical Medicine, 2021, 10, 1229.	1.0	3
75	Flow-Mediated Dilation: Just a Marker of Local Shear Stress?. Hypertension, 2005, 45, e11-2; author reply e11-2.	1.3	2
76	Combined statistical analysis of vasodilation and flow curves in brachial ultrasonography: technique and its connection to cardiovascular risk factors. , 2005, , .		1
77	Quantifying Thyroid Hormone Resistance in Obesity. Obesity Surgery, 2020, 30, 2411-2412.	1.1	0
78	Carga de enfermedad. Cálculo del riesgo cardiovascular y objetivos terapéuticos. Clínica E Investigación En Arteriosclerosis, 2021, 33, 10-17.	0.4	0
79	Cataract Surgery in Elderly Subjects with Heterozygous Familial Hypercholesterolemia in Prolonged Treatment with Statins. Journal of Clinical Medicine, 2021, 10, 3494.	1.0	0
80	Reply - Letter to the editor - Association between olive oil consumption and the risk of cardiovascular disease and stroke YCLNU-D-21-02208. Clinical Nutrition, 2022, , .	2.3	0