

# Roberto Pastor-Barriuso

## List of Publications by Year in descending order

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Version: 2024-02-01

107  
papers

10,406  
citations

57631

44  
h-index

34900

98  
g-index

113  
all docs

113  
docs citations

113  
times ranked

17649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-Analysis: High-Dosage Vitamin E Supplementation May Increase All-Cause Mortality. <i>Annals of Internal Medicine</i> , 2005, 142, 37.	2.0	2,182
2	Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study. <i>Lancet</i> , The, 2020, 396, 535-544.	6.3	1,465
3	Mortality risk during and after opioid substitution treatment: systematic review and meta-analysis of cohort studies. <i>BMJ: British Medical Journal</i> , 2017, 357, j1550.	2.4	1,076
4	Arsenic Exposure and Prevalence of Type 2 Diabetes in US Adults. <i>JAMA - Journal of the American Medical Association</i> , 2008, 300, 814.	3.8	408
5	Seasonal Analyses of Air Pollution and Mortality in 100 US Cities. <i>American Journal of Epidemiology</i> , 2005, 161, 585-594.	1.6	384
6	Selenium and coronary heart disease: a meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 762-773.	2.2	356
7	Metabolically Healthy Obesity and Development of Chronic Kidney Disease. <i>Annals of Internal Medicine</i> , 2016, 164, 305.	2.0	226
8	Cadmium Exposure and All-Cause and Cardiovascular Mortality in the U.S. General Population. <i>Environmental Health Perspectives</i> , 2012, 120, 1017-1022.	2.8	217
9	Systolic Blood Pressure, Diastolic Blood Pressure, and Pulse Pressure: An Evaluation of Their Joint Effect on Mortality. <i>Annals of Internal Medicine</i> , 2003, 139, 731.	2.0	178
10	Metabolically Healthy Obesity and the Development of Nonalcoholic Fatty Liver Disease. <i>American Journal of Gastroenterology</i> , 2016, 111, 1133-1140.	0.2	158
11	Infection fatality risk for SARS-CoV-2 in community dwelling population of Spain: nationwide seroepidemiological study. <i>BMJ</i> , The, 2020, 371, m4509.	3.0	150
12	Vitamin-mineral supplementation and the progression of atherosclerosis: a meta-analysis of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 880-887.	2.2	146
13	The TEACCH program for children and adults with autism: A meta-analysis of intervention studies. <i>Clinical Psychology Review</i> , 2013, 33, 940-953.	6.0	137
14	Effect of long-term selenium supplementation on mortality: Results from a multiple-dose, randomised controlled trial. <i>Free Radical Biology and Medicine</i> , 2018, 127, 46-54.	1.3	135
15	Arsenic in public water supplies and cardiovascular mortality in Spain. <i>Environmental Research</i> , 2010, 110, 448-454.	3.7	121
16	Effect of Supplementation With High-Selenium Yeast on Plasma Lipids. <i>Annals of Internal Medicine</i> , 2011, 154, 656.	2.0	100
17	Incidence of Diabetes After Cancer Development. <i>JAMA Oncology</i> , 2018, 4, 1099.	3.4	96
18	Meta-Analysis of Folic Acid Supplementation Trials on Risk of Cardiovascular Disease and Risk Interaction With Baseline Homocysteine Levels. <i>American Journal of Cardiology</i> , 2010, 106, 517-527.	0.7	93

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19	Mercury, lead and cadmium in human milk in relation to diet, lifestyle habits and sociodemographic variables in Madrid (Spain). <i>Chemosphere</i> , 2011, 85, 268-276.	4.2	93
20	Factors associated with falls among older adults living in institutions. <i>BMC Geriatrics</i> , 2013, 13, 6.	1.1	91
21	Recent Changes in Breast Cancer Incidence in Spain, 1980â€“2004. <i>Journal of the National Cancer Institute</i> , 2009, 101, 1584-1591.	3.0	90
22	Thyroid hormone levels and incident chronic kidney disease in euthyroid individuals: the Kangbuk Samsung Health Study. <i>International Journal of Epidemiology</i> , 2014, 43, 1624-1632.	0.9	87
23	Use of Two-segmented Logistic Regression to Estimate Change-points in Epidemiologic Studies. <i>American Journal of Epidemiology</i> , 1998, 148, 631-642.	1.6	78
24	A Randomized Trial of Selenium Supplementation and Risk of Type-2 Diabetes, as Assessed by Plasma Adiponectin. <i>PLoS ONE</i> , 2012, 7, e45269.	1.1	78
25	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
26	Racial Differences in Sudden Cardiac Death. <i>Circulation</i> , 2019, 139, 1688-1697.	1.6	72
27	Mammographic density and risk of breast cancer according to tumor characteristics and mode of detection: a Spanish population-based case-control study. <i>Breast Cancer Research</i> , 2013, 15, R9.	2.2	70
28	Physical activity and self-reported health status among adolescents: a cross-sectional population-based study. <i>BMJ Open</i> , 2013, 3, e002644.	0.8	70
29	Declining exposures to lead and cadmium contribute to explaining the reduction of cardiovascular mortality in the US population, 1988â€“2004. <i>International Journal of Epidemiology</i> , 2017, 46, 1903-1912.	0.9	69
30	Transition models for change-point estimation in logistic regression. <i>Statistics in Medicine</i> , 2003, 22, 1141-1162.	0.8	67
31	Nonâ€“alcoholic fatty liver disease and the incidence of myocardial infarction: A cohort study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 833-839.	1.4	66
32	Toenails as biomarker of exposure to essential trace metals: A review.. <i>Environmental Research</i> , 2019, 179, 108787.	3.7	62
33	Aspirin Plus Clopidogrel and Risk of Infection After Coronary Artery Bypass Surgery. <i>Archives of Internal Medicine</i> , 2009, 169, 788.	4.3	61
34	Rejoinder: Arsenic Exposure and Prevalence of Type 2 Diabetes. <i>Epidemiology</i> , 2009, 20, 816-820.	1.2	59
35	Effect of animal-assisted therapy on the psychological and functional status of elderly populations and patients with psychiatric disorders: a meta-analysis. <i>Health Psychology Review</i> , 2012, 6, 197-221.	4.4	58
36	SARS-CoV-2 seroprevalence in Spain â€“ Authors' reply. <i>Lancet, The</i> , 2020, 396, 1484-1485.	6.3	57

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37	Factors associated with self-rated health in older people living in institutions. <i>BMC Geriatrics</i> , 2008, 8, 5.	1.1	55
38	Alcohol, tobacco, and mammographic density: a population-based study. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 135-147.	1.1	55
39	Racial differences in comorbidity profile among patients with chronic obstructive pulmonary disease. <i>BMC Medicine</i> , 2018, 16, 178.	2.3	53
40	Thyroid Hormones and Mortality Risk in Euthyroid Individuals: The Kangbuk Samsung Health Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2467-2476.	1.8	51
41	Body Mass Index and Incident Ischemic Heart Disease in South Korean Men and Women. <i>American Journal of Epidemiology</i> , 2005, 162, 42-48.	1.6	49
42	Prostate cancer incidence trends in Spain before and during the prostate-specific antigen era: impact on mortality. <i>Annals of Oncology</i> , 2010, 21, iii83-iii89.	0.6	45
43	Descriptive Epidemiology of Undetected Depression in Institutionalized Older People. <i>Journal of the American Medical Directors Association</i> , 2010, 11, 312-319.	1.2	44
44	BIOAMBIENT.ES study protocol: rationale and design of a cross-sectional human biomonitoring survey in Spain. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1193-1202.	2.7	42
45	Thyroid Hormones and Coronary Artery Calcification in Euthyroid Men and Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2128-2134.	1.1	42
46	Total Effective Xenoestrogen Burden in Serum Samples and Risk for Breast Cancer in a Population-Based Multicase-Control Study in Spain. <i>Environmental Health Perspectives</i> , 2016, 124, 1575-1582.	2.8	41
47	Hepatitis B and C virus infection and diabetes mellitus: A cohort study. <i>Scientific Reports</i> , 2017, 7, 4606.	1.6	41
48	Toxic metals in toenails as biomarkers of exposure: A review. <i>Environmental Research</i> , 2021, 197, 111028.	3.7	39
49	Toenails as a biomarker of exposure to arsenic: A review. <i>Environmental Research</i> , 2021, 195, 110286.	3.7	38
50	Pleural cancer mortality in Spain: time-trends and updating of predictions up to 2020. <i>BMC Cancer</i> , 2013, 13, 528.	1.1	33
51	Randomised controlled trial of the effect of long-term selenium supplementation on plasma cholesterol in an elderly Danish population. <i>British Journal of Nutrition</i> , 2015, 114, 1807-1818.	1.2	30
52	Association of diabetes and diabetes treatment with incidence of breast cancer. <i>Acta Diabetologica</i> , 2016, 53, 99-107.	1.2	30
53	Trends in mortality from cutaneous malignant melanoma in Spain (1982-2016): sex-specific age-cohort-period effects. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, 1522-1528.	1.3	27
54	A Longitudinal Study of Association between Adiposity Markers and Intraocular Pressure: The Kangbuk Samsung Health Study. <i>PLoS ONE</i> , 2016, 11, e0146057.	1.1	26

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55	Evaluating the Applicability of Data-Driven Dietary Patterns to Independent Samples with a Focus on Measurement Tools for Pattern Similarity. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016, 116, 1914-1924.e6.	0.4	26
56	Sugar-sweetened carbonated beverage consumption and coronary artery calcification in asymptomatic men and women. <i>American Heart Journal</i> , 2016, 177, 17-24.	1.2	25
57	Urinary incontinence and mortality among older adults residing in care homes. <i>Journal of Advanced Nursing</i> , 2017, 73, 688-699.	1.5	25
58	Brachial-ankle pulse wave velocity is associated with coronary calcium in young and middle-aged asymptomatic adults: The Kangbuk Samsung Health Study. <i>Atherosclerosis</i> , 2015, 241, 350-356.	0.4	24
59	Selenium and impaired physical function in US and Spanish older adults. <i>Redox Biology</i> , 2021, 38, 101819.	3.9	24
60	Recalibration of the Gail model for predicting invasive breast cancer risk in Spanish women: a population-based cohort study. <i>Breast Cancer Research and Treatment</i> , 2013, 138, 249-259.	1.1	23
61	Disparities in breast cancer mortality trends in a middle income country. <i>Breast Cancer Research and Treatment</i> , 2012, 134, 1199-1207.	1.1	21
62	A Longitudinal Study of Age-Related Changes in Intraocular Pressure: The Kangbuk Samsung Health Study. , 2014, 55, 6244.		21
63	Trajectories of Accumulation of Health Deficits in Older Adults: Are There Variations According to Health Domains?. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 710-717.e6.	1.2	21
64	Effect of selenium supplementation on changes in HbA1c: Results from a multiple-dose, randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 541-549.	2.2	21
65	Reliability study of the European appropriateness evaluation protocol. <i>International Journal for Quality in Health Care</i> , 1999, 11, 419-424.	0.9	20
66	Time trend and age-period-cohort effect on kidney cancer mortality in Europe, 1981-2000. <i>BMC Public Health</i> , 2006, 6, 119.	1.2	19
67	Hepatitis B virus infection and development of chronic kidney disease: a cohort study. <i>BMC Nephrology</i> , 2018, 19, 353.	0.8	19
68	Changes in hospitalizations for chronic respiratory diseases after two successive smoking bans in Spain. <i>PLoS ONE</i> , 2017, 12, e0177979.	1.1	18
69	Does Peer Review Predict the Performance of Research Projects in Health Sciences?. <i>Scientometrics</i> , 2000, 47, 11-23.	1.6	17
70	Trends in oral cavity, pharyngeal, oesophageal and gastric cancer mortality rates in Spain, 1952-2006: an age-period-cohort analysis. <i>BMC Cancer</i> , 2014, 14, 254.	1.1	17
71	Egg consumption and coronary artery calcification in asymptomatic men and women. <i>Atherosclerosis</i> , 2015, 241, 305-312.	0.4	16
72	Smoke-Free Legislation in Spain and Prematurity. <i>Pediatrics</i> , 2017, 139, e20162068.	1.0	16

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73	ICF-Based Disability Survey in a Rural Population of Adults and Older Adults Living in Cinco Villas, Northeastern Spain: Design, Methods and Population Characteristics. <i>Neuroepidemiology</i> , 2010, 35, 72-82.	1.1	15
74	Assessing the effects of the Spanish partial smoking ban on cardiovascular and respiratory diseases: methodological issues. <i>BMJ Open</i> , 2015, 5, e008892.	0.8	15
75	Relation of Dietary Glycemic Index and Glycemic Load to Coronary Artery Calcium in Asymptomatic Korean Adults. <i>American Journal of Cardiology</i> , 2015, 116, 520-526.	0.7	12
76	Association of detected depression and undetected depressive symptoms with long-term mortality in a cohort of institutionalised older people. <i>Epidemiology and Psychiatric Sciences</i> , 2017, 26, 189-198.	1.8	12
77	Gynaecological cancer and night shift work: A systematic review. <i>Maturitas</i> , 2018, 110, 21-28.	1.0	12
78	Impact of declining exposure to secondhand tobacco smoke in public places to decreasing smoking-related cancer mortality in the US population. <i>Environment International</i> , 2018, 117, 260-267.	4.8	12
79	ENE-COVID nationwide serosurvey served to characterize asymptomatic infections and to develop a symptom-based risk score to predict COVID-19. <i>Journal of Clinical Epidemiology</i> , 2021, 139, 240-254.	2.4	12
80	Potential bias due to outcome-related loss to follow-up in cohort studies on incidence of drug injection: systematic review and meta-analysis. <i>Addiction</i> , 2015, 110, 1247-1257.	1.7	11
81	The end of the decline in cervical cancer mortality in Spain: trends across the period 1981-2012. <i>BMC Cancer</i> , 2015, 15, 287.	1.1	11
82	Facility ownership and mortality among older adults residing in care homes. <i>PLoS ONE</i> , 2019, 14, e0197789.	1.1	11
83	Metabolically Healthy Obesity and Development of Chronic Kidney Disease. <i>Annals of Internal Medicine</i> , 2016, 165, 744.	2.0	10
84	Serum Phospholipid Fatty Acids Levels, Anthropometric Variables and Adiposity in Spanish Premenopausal Women. <i>Nutrients</i> , 2020, 12, 1895.	1.7	10
85	Falls and long-term survival among older adults residing in care homes. <i>PLoS ONE</i> , 2020, 15, e0231618.	1.1	10
86	Evolution of antibodies against SARS-CoV-2 over seven months: Experience of the nationwide seroprevalence ENE-COVID study in Spain. <i>Journal of Clinical Virology</i> , 2022, 149, 105130.	1.6	9
87	High-Dosage Vitamin E Supplementation and All-Cause Mortality. <i>Annals of Internal Medicine</i> , 2005, 143, 156.	2.0	8
88	Changes in period and cohort effects on haematological cancer mortality in Spain, 1952-2006. <i>BMC Cancer</i> , 2014, 14, 250.	1.1	8
89	Epstein Barr virus antibody reactivity and gastric cancer: A population-based case-control study. <i>Cancer Epidemiology</i> , 2019, 61, 79-88.	0.8	8
90	Clustering of unhealthy lifestyle behaviors, self-rated health and disability. <i>Preventive Medicine</i> , 2022, 155, 106911.	1.6	8

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91	Blood cadmium and physical function limitations in older adults. <i>Environmental Pollution</i> , 2021, 276, 116748.	3.7	7
92	Social engagement within the facility increased life expectancy in nursing home residents: a follow-up study. <i>BMC Geriatrics</i> , 2020, 20, 480.	1.1	6
93	Ambulatory Blood Pressure Monitoring and Diagnostic Errors in Hypertension. <i>Medical Decision Making</i> , 1998, 18, 429-435.	1.2	5
94	Reliability of portal control procedure in irradiation of breast cancer: A Bayesian analysis. <i>Radiotherapy and Oncology</i> , 2005, 75, 28-33.	0.3	5
95	Coexistence of Colorectal Adenomas and Coronary Calcification in Asymptomatic Men and Women. <i>Journal of Clinical Gastroenterology</i> , 2018, 52, 508-514.	1.1	5
96	Causal effects of physical activity and sedentary behaviour on health deficits accumulation in older adults. <i>International Journal of Epidemiology</i> , 2021, 50, 852-865.	0.9	5
97	Impact of 2 Successive Smoking Bans on Hospital Admissions for Cardiovascular Diseases in Spain. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2018, 71, 726-734.	0.4	3
98	Number of Medications and Mortality Among Residents in Nursing Homes. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 643-645.	1.2	3
99	Serum Phospholipid Fatty Acids and Mammographic Density in Premenopausal Women. <i>Journal of Nutrition</i> , 2020, 150, 2419-2428.	1.3	3
100	Discordance between physician-rated health and an objective health measure among institutionalized older people. <i>BMC Geriatrics</i> , 2015, 15, 78.	1.1	2
101	Long-Term Nightshift Work and Breast Cancer Risk: An Updated Systematic Review and Meta-Analysis with Special Attention to Menopausal Status and to Recent Nightshift Work. <i>Cancers</i> , 2021, 13, 5952.	1.7	2
102	RE: "USE OF TWO-SEGMENTED LOGISTIC REGRESSION TO ESTIMATE CHANGE-POINTS IN EPIDEMIOLOGIC STUDIES". <i>American Journal of Epidemiology</i> , 2001, 153, 615-615.	1.6	1
103	Exposure to ionising radiations arising from the operation of nuclear installations and cancer mortality. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 97-110.	1.8	1
104	Association of disability with mortality in the Spanish adult non-institutionalised population. <i>Journal of Epidemiology and Community Health</i> , 2021, , jech-2021-217421.	2.0	1
105	Abstract P040: Animal and Vegetable Protein Intake and Coronary Artery Calcium - The Kangbuk Samsung Health Study. <i>Circulation</i> , 2015, 131, .	1.6	0
106	Abstract P184: Pulse Wave Velocity is Associated With Coronary Calcification and Improves its Prediction in Young And Middle-Aged Asymptomatic Adults: The Kangbuk Samsung Health Study. <i>Circulation</i> , 2015, 131, .	1.6	0
107	Abstract 19455: Risk Factor Changes Had a Minor Net Contribution to the Decline in Cardiovascular Mortality in the US, 1988-2004. <i>Circulation</i> , 2015, 132, .	1.6	0