

Roberto Pastor-Barriuso

List of Publications by Citations

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105
papers

7,638
citations

37
h-index

87
g-index

113
ext. papers

9,128
ext. citations

6.3
avg, IF

5.7
L-index

#	Paper	IF	Citations
105	Meta-analysis: high-dosage vitamin E supplementation may increase all-cause mortality. <i>Annals of Internal Medicine</i> , 2005 , 142, 37-46	8	1760
104	Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study. <i>Lancet, The</i> , 2020 , 396, 535-544	40	1000
103	Mortality risk during and after opioid substitution treatment: systematic review and meta-analysis of cohort studies. <i>BMJ, The</i> , 2017 , 357, j1550	5.9	693
102	Seasonal analyses of air pollution and mortality in 100 US cities. <i>American Journal of Epidemiology</i> , 2005 , 161, 585-94	3.8	329
101	Arsenic exposure and prevalence of type 2 diabetes in US adults. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 814-22	27.4	326
100	Selenium and coronary heart disease: a meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 762-73	7	287
99	Cadmium exposure and all-cause and cardiovascular mortality in the U.S. general population. <i>Environmental Health Perspectives</i> , 2012 , 120, 1017-22	8.4	171
98	Metabolically Healthy Obesity and Development of Chronic Kidney Disease: A Cohort Study. <i>Annals of Internal Medicine</i> , 2016 , 164, 305-12	8	161
97	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, 731-9	8	139
96	Vitamin-mineral supplementation and the progression of atherosclerosis: a meta-analysis of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 880-7; quiz 954-5	7	121
95	Metabolically Healthy Obesity and the Development of Nonalcoholic Fatty Liver Disease. <i>American Journal of Gastroenterology</i> , 2016 , 111, 1133-40	0.7	107
94	Arsenic in public water supplies and cardiovascular mortality in Spain. <i>Environmental Research</i> , 2010 , 110, 448-54	7.9	97
93	The TEACCH program for children and adults with autism: a meta-analysis of intervention studies. <i>Clinical Psychology Review</i> , 2013 , 33, 940-53	10.8	88
92	Effect of supplementation with high-selenium yeast on plasma lipids: a randomized trial. <i>Annals of Internal Medicine</i> , 2011 , 154, 656-65	8	83
91	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, 517-27	3	83
90	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	7.8	81
89	Recent changes in breast cancer incidence in Spain, 1980-2004. <i>Journal of the National Cancer Institute</i> , 2009 , 101, 1584-91	9.7	77

88	Mercury, lead and cadmium in human milk in relation to diet, lifestyle habits and sociodemographic variables in Madrid (Spain). <i>Chemosphere</i> , 2011 , 85, 268-76	8.4	74
87	Infection fatality risk for SARS-CoV-2 in community dwelling population of Spain: nationwide seroepidemiological study. <i>BMJ, The</i> , 2020 , 371, m4509	5.9	73
86	Thyroid hormone levels and incident chronic kidney disease in euthyroid individuals: the Kangbuk Samsung Health Study. <i>International Journal of Epidemiology</i> , 2014 , 43, 1624-32	7.8	71
85	Use of two-segmented logistic regression to estimate change-points in epidemiologic studies. <i>American Journal of Epidemiology</i> , 1998 , 148, 631-42	3.8	70
84	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	3.8	69
83	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	8.3	66
82	Factors associated with falls among older adults living in institutions. <i>BMC Geriatrics</i> , 2013 , 13, 6	4.1	66
81	Physical activity and self-reported health status among adolescents: a cross-sectional population-based study. <i>BMJ Open</i> , 2013 , 3,	3	61
80	Transition models for change-point estimation in logistic regression. <i>Statistics in Medicine</i> , 2003 , 22, 1141-62	1.62	59
79	A randomized trial of selenium supplementation and risk of type-2 diabetes, as assessed by plasma adiponectin. <i>PLoS ONE</i> , 2012 , 7, e45269	3.7	57
78	Incidence of Diabetes After Cancer Development: A Korean National Cohort Study. <i>JAMA Oncology</i> , 2018 , 4, 1099-1105	13.4	54
77	Rejoinder: Arsenic exposure and prevalence of type 2 diabetes: updated findings from the National Health Nutrition and Examination Survey, 2003-2006. <i>Epidemiology</i> , 2009 , 20, 816-20; discussion e1-2	3.1	51
76	Aspirin plus clopidogrel and risk of infection after coronary artery bypass surgery. <i>Archives of Internal Medicine</i> , 2009 , 169, 788-96		50
75	Factors associated with self-rated health in older people living in institutions. <i>BMC Geriatrics</i> , 2008 , 8, 5	4.1	50
74	Alcohol, tobacco, and mammographic density: a population-based study. <i>Breast Cancer Research and Treatment</i> , 2011 , 129, 135-47	4.4	48
73	Declining exposures to lead and cadmium contribute to explaining the reduction of cardiovascular mortality in the US population, 1988-2004. <i>International Journal of Epidemiology</i> , 2017 , 46, 1903-1912	7.8	41
72	Body mass index and incident ischemic heart disease in South Korean men and women. <i>American Journal of Epidemiology</i> , 2005 , 162, 42-8	3.8	39
71	Racial Differences in Sudden Cardiac Death. <i>Circulation</i> , 2019 , 139, 1688-1697	16.7	38

70	Thyroid hormones and mortality risk in euthyroid individuals: the Kangbuk Samsung health study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 2467-76	5.6	38
69	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	7.1	38
68	Prostate cancer incidence trends in Spain before and during the prostate-specific antigen era: impact on mortality. <i>Annals of Oncology</i> , 2010 , 21 Suppl 3, iii83-89	10.3	36
67	Non-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	4	35
66	Racial differences in comorbidity profile among patients with chronic obstructive pulmonary disease. <i>BMC Medicine</i> , 2018 , 16, 178	11.4	35
65	SARS-CoV-2 seroprevalence in Spain - AuthorsTreply. <i>Lancet, The</i> , 2020 , 396, 1484-1485	4.0	34
64	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, 1193-202	5.1	34
63	Thyroid hormones and coronary artery calcification in euthyroid men and women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2128-34	9.4	33
62	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	8.4	30
61	Toenails as biomarker of exposure to essential trace metals: A review. <i>Environmental Research</i> , 2019 , 179, 108787	7.9	28
60	Descriptive epidemiology of undetected depression in institutionalized older people. <i>Journal of the American Medical Directors Association</i> , 2010 , 11, 312-9	5.9	28
59	Pleural cancer mortality in Spain: time-trends and updating of predictions up to 2020. <i>BMC Cancer</i> , 2013 , 13, 528	4.8	26
58	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, 1807-18	3.6	25
57	Hepatitis B and C virus infection and diabetes mellitus: A cohort study. <i>Scientific Reports</i> , 2017 , 7, 4606	4.9	22
56	A Longitudinal Study of Association between Adiposity Markers and Intraocular Pressure: The Kangbuk Samsung Health Study. <i>PLoS ONE</i> , 2016 , 11, e0146057	3.7	21
55	A longitudinal study of age-related changes in intraocular pressure: the Kangbuk Samsung Health Study 2014 , 55, 6244-50		20
54	Infection fatality risk for SARS-CoV-2: a nationwide seroepidemiological study in the non-institutionalized population of Spain		20
53	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, 249-59	4.4	19

52	Association of diabetes and diabetes treatment with incidence of breast cancer. <i>Acta Diabetologica</i> , 2016 , 53, 99-107	3.9	18
51	Disparities in breast cancer mortality trends in a middle income country. <i>Breast Cancer Research and Treatment</i> , 2012 , 134, 1199-207	4.4	18
50	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, 350-6	3.1	17
49	Urinary incontinence and mortality among older adults residing in care homes. <i>Journal of Advanced Nursing</i> , 2017 , 73, 688-699	3.1	17
48	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	5.9	16
47	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	4.6	15
46	Egg consumption and coronary artery calcification in asymptomatic men and women. <i>Atherosclerosis</i> , 2015 , 241, 305-12	3.1	15
45	Time trend and age-period-cohort effect on kidney cancer mortality in Europe, 1981-2000. <i>BMC Public Health</i> , 2006 , 6, 119	4.1	15
44	Reliability study of the European appropriateness evaluation protocol. <i>International Journal for Quality in Health Care</i> , 1999 , 11, 419-24	1.9	15
43	Sugar-sweetened carbonated beverage consumption and coronary artery calcification in asymptomatic men and women. <i>American Heart Journal</i> , 2016 , 177, 17-24	4.9	15
42	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	3.9	15
41	Smoke-Free Legislation in Spain and Prematurity. <i>Pediatrics</i> , 2017 , 139,	7.4	14
40	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	4.8	13
39	Relation of Dietary Glycemic Index and Glycemic Load to Coronary Artery Calcium in Asymptomatic Korean Adults. <i>American Journal of Cardiology</i> , 2015 , 116, 520-6	3	12
38	Assessing the effects of the Spanish partial smoking ban on cardiovascular and respiratory diseases: methodological issues. <i>BMJ Open</i> , 2015 , 5, e008892	3	12
37	Does Peer Review Predict the Performance of Research Projects in Health Sciences?. <i>Scientometrics</i> , 2000 , 47, 11-23	3	12
36	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	5.1	11
35	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	6.7	11

34	Hepatitis B virus infection and development of chronic kidney disease: a cohort study. <i>BMC Nephrology</i> , 2018 , 19, 353	2.7	11
33	The end of the decline in cervical cancer mortality in Spain: trends across the period 1981-2012. <i>BMC Cancer</i> , 2015 , 15, 287	4.8	10
32	Metabolically Healthy Obesity and Development of Chronic Kidney Disease. <i>Annals of Internal Medicine</i> , 2016 , 165, 744-745	8	10
31	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	5.4	10
30	Changes in hospitalizations for chronic respiratory diseases after two successive smoking bans in Spain. <i>PLoS ONE</i> , 2017 , 12, e0177979	3.7	10
29	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	12.9	10
28	Gynaecological cancer and night shift work: A systematic review. <i>Maturitas</i> , 2018 , 110, 21-28	5	9
27	Toxic metals in toenails as biomarkers of exposure: A review. <i>Environmental Research</i> , 2021 , 197, 111028	7.9	9
26	Toenails as a biomarker of exposure to arsenic: A review. <i>Environmental Research</i> , 2021 , 195, 110286	7.9	9
25	Facility ownership and mortality among older adults residing in care homes. <i>PLoS ONE</i> , 2019 , 14, e0197739	3.7	7
24	Falls and long-term survival among older adults residing in care homes. <i>PLoS ONE</i> , 2020 , 15, e0231618	3.7	7
23	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, 1247-57	4.6	7
22	Changes in period and cohort effects on haematological cancer mortality in Spain, 1952-2006. <i>BMC Cancer</i> , 2014 , 14, 250	4.8	6
21	Evolution of antibodies against SARS-CoV-2 over seven months: experience of the Nationwide Seroprevalence ENE-COVID Study in Spain		6
20	Selenium and impaired physical function in US and Spanish older adults. <i>Redox Biology</i> , 2021 , 38, 101819	11.3	6
19	Epstein Barr virus antibody reactivity and gastric cancer: A population-based case-control study. <i>Cancer Epidemiology</i> , 2019 , 61, 79-88	2.8	5
18	Coexistence of Colorectal Adenomas and Coronary Calcification in Asymptomatic Men and Women. <i>Journal of Clinical Gastroenterology</i> , 2018 , 52, 508-514	3	5
17	High-Dosage Vitamin E Supplementation and All-Cause Mortality. <i>Annals of Internal Medicine</i> , 2005 , 143, 156	8	5

16	Ambulatory blood pressure monitoring and diagnostic errors in hypertension: a Bayesian approach. <i>Medical Decision Making</i> , 1998 , 18, 429-35	2.5	4
15	Number of Medications and Mortality Among Residents in Nursing Homes. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 643-645	5.9	3
14	Reliability of portal control procedure in irradiation of breast cancer: a Bayesian analysis. <i>Radiotherapy and Oncology</i> , 2005 , 75, 28-33	5.3	3
13	Social engagement within the facility increased life expectancy in nursing home residents: a follow-up study. <i>BMC Geriatrics</i> , 2020 , 20, 480	4.1	3
12	Discordance between physician-rated health and an objective health measure among institutionalized older people. <i>BMC Geriatrics</i> , 2015 , 15, 78	4.1	2
11	Serum Phospholipid Fatty Acids and Mammographic Density in Premenopausal Women. <i>Journal of Nutrition</i> , 2020 , 150, 2419-2428	4.1	2
10	Impacto de la ley de medidas sanitarias frente al tabaquismo y su reforma en los ingresos hospitalarios por enfermedades cardiovasculares en España. <i>Revista Espanola De Cardiologia</i> , 2018 , 71, 726-734	1.5	2
9	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	3.3	1
8	Re: "Use of two-segmented logistic regression to estimate change-points in epidemiologic studies". <i>American Journal of Epidemiology</i> , 2001 , 153, 615	3.8	1
7	Clustering of unhealthy lifestyle behaviors, self-rated health and disability.. <i>Preventive Medicine</i> , 2021 , 155, 106911	4.3	1
6	Serum Phospholipid Fatty Acids Levels, Anthropometric Variables and Adiposity in Spanish Premenopausal Women. <i>Nutrients</i> , 2020 , 12,	6.7	1
5	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	7.8	1
4	Blood cadmium and physical function limitations in older adults. <i>Environmental Pollution</i> , 2021 , 276, 116748	7.8	1
3	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	5.7	1
2	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	14.5	1
1	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	0.7	0