

Miguel Rodriguez Barranco

List of Publications by Citations

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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.

112 papers	3,408 citations	28 h-index	55 g-index
126 ext. papers	4,508 ext. citations	6.1 avg, IF	4.68 L-index

#	Paper	IF	Citations
112	Modified Mediterranean diet and survival: EPIC-elderly prospective cohort study. <i>BMJ, The</i> , 2005 , 330, 991	5.9	499
111	Association of arsenic, cadmium and manganese exposure with neurodevelopment and behavioural disorders in children: a systematic review and meta-analysis. <i>Science of the Total Environment</i> , 2013 , 454-455, 562-77	10.2	195
110	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019 , 51, 76-83	36.3	177
109	Legionnaires Disease outbreak in Murcia, Spain. <i>Emerging Infectious Diseases</i> , 2003 , 9, 915-21	10.2	134
108	A systematic review of neurodevelopmental effects of prenatal and postnatal organophosphate pesticide exposure. <i>Toxicology Letters</i> , 2014 , 230, 104-21	4.4	131
107	Cancer incidence in Spain, 2015. <i>Clinical and Translational Oncology</i> , 2017 , 19, 799-825	3.6	124
106	Association of Plasma Phospholipid n-3 and n-6 Polyunsaturated Fatty Acids with Type 2 Diabetes: The EPIC-InterAct Case-Cohort Study. <i>PLoS Medicine</i> , 2016 , 13, e1002094	11.6	116
105	DNA methylome analysis identifies accelerated epigenetic ageing associated with postmenopausal breast cancer susceptibility. <i>European Journal of Cancer</i> , 2017 , 75, 299-307	7.5	104
104	Biomonitoring of arsenic, cadmium, lead, manganese and mercury in urine and hair of children living near mining and industrial areas. <i>Chemosphere</i> , 2015 , 124, 83-91	8.4	103
103	Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network). <i>European Respiratory Journal</i> , 2013 , 42, 594-605	13.6	94
102	Characteristics and effectiveness of diabetes self-management educational programs targeted to racial/ethnic minority groups: a systematic review, meta-analysis and meta-regression. <i>BMC Endocrine Disorders</i> , 2014 , 14, 60	3.3	85
101	Association between organophosphate pesticides exposure and thyroid hormones in floriculture workers. <i>Toxicology and Applied Pharmacology</i> , 2010 , 243, 19-26	4.6	78
100	Cadmium exposure and neuropsychological development in school children in southwestern Spain. <i>Environmental Research</i> , 2014 , 134, 66-73	7.9	69
99	Pre- and postnatal exposures to pesticides and neurodevelopmental effects in children living in agricultural communities from South-Eastern Spain. <i>Environment International</i> , 2015 , 85, 229-37	12.9	61
98	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. <i>European Heart Journal</i> , 2021 , 42, 2439-2454	9.5	58
97	Pesticide exposure and genetic variation in xenobiotic-metabolizing enzymes interact to induce biochemical liver damage. <i>Food and Chemical Toxicology</i> , 2013 , 61, 144-51	4.7	50
96	Evaluation of pesticide-induced oxidative stress from a gene-environment interaction perspective. <i>Toxicology</i> , 2013 , 307, 95-102	4.4	50

95	Postnatal arsenic exposure and attention impairment in school children. <i>Cortex</i> , 2016 , 74, 370-82	3.8	44
94	Plasma microRNAs as biomarkers of pancreatic cancer risk in a prospective cohort study. <i>International Journal of Cancer</i> , 2017 , 141, 905-915	7.5	42
93	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020 , 106, 389-404	11	40
92	Changes in male hormone profile after occupational organophosphate exposure. A longitudinal study. <i>Toxicology</i> , 2013 , 307, 55-65	4.4	38
91	Interaction between organophosphate pesticide exposure and PON1 activity on thyroid function. <i>Toxicology and Applied Pharmacology</i> , 2010 , 249, 16-24	4.6	35
90	Cancer survival in adult patients in Spain. Results from nine population-based cancer registries. <i>Clinical and Translational Oncology</i> , 2018 , 20, 201-211	3.6	34
89	Validity of self reported diagnoses of cancer in a major Spanish prospective cohort study. <i>Journal of Epidemiology and Community Health</i> , 2006 , 60, 593-9	5.1	33
88	Inflammatory potential of the diet and risk of gastric cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 607-616	7	30
87	Health care interventions to improve the quality of diabetes care in African Americans: a systematic review and meta-analysis. <i>Diabetes Care</i> , 2013 , 36, 760-8	14.6	30
86	Association between physical activity and risk of hepatobiliary cancers: A multinational cohort study. <i>Journal of Hepatology</i> , 2019 , 70, 885-892	13.4	30
85	Association between organochlorine pesticide exposure and thyroid hormones in floriculture workers. <i>Environmental Research</i> , 2016 , 150, 357-363	7.9	29
84	The associations of major foods and fibre with risks of ischaemic and haemorrhagic stroke: a prospective study of 418 329 participants in the EPIC cohort across nine European countries. <i>European Heart Journal</i> , 2020 , 41, 2632-2640	9.5	28
83	Socio-economic factors linked with mental health during the recession: a multilevel analysis. <i>International Journal for Equity in Health</i> , 2017 , 16, 45	4.6	26
82	Lifetime and baseline alcohol intakes and risk of pancreatic cancer in the European Prospective Investigation into Cancer and Nutrition study. <i>International Journal of Cancer</i> , 2018 , 143, 801-812	7.5	24
81	Trends in incidence, mortality and survival in women with breast cancer from 1985 to 2012 in Granada, Spain: a population-based study. <i>BMC Cancer</i> , 2018 , 18, 781	4.8	24
80	The Effectiveness of HIV Prevention Interventions in Socioeconomically Disadvantaged Ethnic Minority Women: A Systematic Review and Meta-Analysis. <i>American Journal of Public Health</i> , 2017 , 107, e13-e21	5.1	23
79	Healthcare interventions for depression in low socioeconomic status populations: A systematic review and meta-analysis. <i>Clinical Psychology Review</i> , 2015 , 38, 65-78	10.8	22
78	Polymorphisms of pesticide-metabolizing genes in children living in intensive farming communities. <i>Chemosphere</i> , 2015 , 139, 534-40	8.4	22

77	Effect of exposure to p,pSDDE on male hormone profile in Mexican flower growers. <i>Occupational and Environmental Medicine</i> , 2012 , 69, 5-11	2.1	22
76	Prevalence of diabetes in Murcia (Spain): a Mediterranean area characterised by obesity. <i>Diabetes Research and Clinical Practice</i> , 2006 , 71, 202-9	7.4	22
75	Mitochondrial DNA copy number variation, leukocyte telomere length, and breast cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. <i>Breast Cancer Research</i> , 2018 , 20, 29	8.3	21
74	KIM-1 as a Blood-Based Marker for Early Detection of Kidney Cancer: A Prospective Nested Case-Control Study. <i>Clinical Cancer Research</i> , 2018 , 24, 5594-5601	12.9	21
73	Standardizing effect size from linear regression models with log-transformed variables for meta-analysis. <i>BMC Medical Research Methodology</i> , 2017 , 17, 44	4.7	21
72	The influence of individual, social and physical environment factors on physical activity in the adult population in Andalusia, Spain. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 60-77	4.6	21
71	Is hospital discharge administrative data an appropriate source of information for cancer registries purposes? Some insights from four Spanish registries. <i>BMC Health Services Research</i> , 2010 , 10, 9	2.9	21
70	CA19-9 and apolipoprotein-A2 isoforms as detection markers for pancreatic cancer: a prospective evaluation. <i>International Journal of Cancer</i> , 2019 , 144, 1877-1887	7.5	20
69	Effect on risk of anencephaly of gene-nutrient interactions between methylenetetrahydrofolate reductase C677T polymorphism and maternal folate, vitamin B12 and homocysteine profile. <i>Public Health Nutrition</i> , 2012 , 15, 1419-28	3.3	18
68	Comparison of prognostic models to predict the occurrence of colorectal cancer in asymptomatic individuals: a systematic literature review and external validation in the EPIC and UK Biobank prospective cohort studies. <i>Gut</i> , 2019 , 68, 672-683	19.2	18
67	Effects of public health interventions on industrial emissions and ambient air in Cartagena, Spain. <i>Environmental Science and Pollution Research</i> , 2009 , 16, 152-61	5.1	17
66	Dairy Product Intake and Risk of Type 2 Diabetes in EPIC-InterAct: A Mendelian Randomization Study. <i>Diabetes Care</i> , 2019 , 42, 568-575	14.6	16
65	Moderate egg consumption and all-cause and specific-cause mortality in the Spanish European Prospective into Cancer and Nutrition (EPIC-Spain) study. <i>European Journal of Nutrition</i> , 2019 , 58, 2003-2010	5.2	16
64	Catecholamine metabolites in urine, as chronic stress biomarkers, are associated with higher risk of chronic periodontitis in adults. <i>Journal of Periodontology</i> , 2014 , 85, 1755-62	4.6	16
63	Prevalence of intimate partner violence in Spain: A national cross-sectional survey in primary care. <i>Atencion Primaria</i> , 2017 , 49, 93-101	3.6	16
62	Coffee and Tea Consumption and the Contribution of Their Added Ingredients to Total Energy and Nutrient Intakes in 10 European Countries: Benchmark Data from the Late 1990s. <i>Nutrients</i> , 2018 , 10,	6.7	15
61	Night-shift work and breast and prostate cancer risk: updating the evidence from epidemiological studies. <i>Anales Del Sistema Sanitario De Navarra</i> , 2018 , 41, 211-226	0.3	15
60	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: A meta-analysis and Mendelian randomisation analysis. <i>PLoS Medicine</i> , 2020 , 17, e1003394	11.6	15

59	Multimorbidity and short-term overall mortality among colorectal cancer patients in Spain: A population-based cohort study. <i>European Journal of Cancer</i> , 2020 , 129, 4-14	7.5	14
58	Vasectomy and Prostate Cancer Risk in the European Prospective Investigation Into Cancer and Nutrition (EPIC). <i>Journal of Clinical Oncology</i> , 2017 , 35, 1297-1303	2.2	14
57	An approach to estimate between- and within-group correlation coefficients in multicenter studies: plasma carotenoids as biomarkers of intake of fruits and vegetables. <i>American Journal of Epidemiology</i> , 2005 , 162, 591-8	3.8	14
56	Genetic variation in the ADIPOQ gene, adiponectin concentrations and risk of colorectal cancer: a Mendelian Randomization analysis using data from three large cohort studies. <i>European Journal of Epidemiology</i> , 2017 , 32, 419-430	12.1	13
55	Estimated Substitution of Tea or Coffee for Sugar-Sweetened Beverages Was Associated with Lower Type 2 Diabetes Incidence in Case-Cohort Analysis across 8 European Countries in the EPIC-InterAct Study. <i>Journal of Nutrition</i> , 2019 , 149, 1985-1993	4.1	13
54	Aromatic DNA adducts and breast cancer risk: a case-cohort study within the EPIC-Spain. <i>Carcinogenesis</i> , 2017 , 38, 691-698	4.6	13
53	Inflammatory potential of the diet and mortality in the Spanish cohort of the European Prospective Investigation into Cancer and Nutrition (EPIC-Spain). <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600649	5.9	12
52	Association of Selenoprotein and Selenium Pathway Genotypes with Risk of Colorectal Cancer and Interaction with Selenium Status. <i>Nutrients</i> , 2019 , 11,	6.7	12
51	Multimorbidity by Patient and Tumor Factors and Time-to-Surgery Among Colorectal Cancer Patients in Spain: A Population-Based Study. <i>Clinical Epidemiology</i> , 2020 , 12, 31-40	5.9	12
50	Association between PON1 genetic polymorphisms and miscarriage in Mexican women exposed to pesticides. <i>Science of the Total Environment</i> , 2013 , 449, 302-8	10.2	12
49	Epidemiological support for genetic variability at hypothalamic-pituitary-adrenal axis and serotonergic system as risk factors for major depression. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 2743-54	3.1	12
48	Protocol and methodology of Study epidemiological mental health in Andalusia: PISMA-ep. <i>Revista De Psiquiatría Y Salud Mental</i> , 2016 , 9, 185-194	2.7	12
47	Methodological issues in a prospective study on plasma concentrations of persistent organic pollutants and pancreatic cancer risk within the EPIC cohort. <i>Environmental Research</i> , 2019 , 169, 417-433	7.9	12
46	Modulation of the endogenous antioxidants paraoxonase-1 and urate by pesticide exposure and genetic variants of xenobiotic-metabolizing enzymes. <i>Food and Chemical Toxicology</i> , 2013 , 61, 164-70	4.7	11
45	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. <i>BMC Medicine</i> , 2020 , 18, 229	11.4	11
44	Interaction of Dietary and Genetic Factors Influencing Body Iron Status and Risk of Type 2 Diabetes Within the EPIC-InterAct Study. <i>Diabetes Care</i> , 2018 , 41, 277-285	14.6	11
43	Intimate partner violence and mental disorders: Co-occurrence and gender differences in a large cross-sectional population based study in Spain. <i>Journal of Affective Disorders</i> , 2018 , 229, 69-78	6.6	10
42	Thyroid Cancer Epidemiology in South Spain: a population-based time trend study. <i>Endocrine</i> , 2018 , 62, 423-431	4	9

41	Identifying dietary patterns using a normal mixture model: application to the EPIC study. <i>Journal of Epidemiology and Community Health</i> , 2012 , 66, 89-94	5.1	9
40	Plasma polyphenols associated with lower high-sensitivity C-reactive protein concentrations: a cross-sectional study within the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. <i>British Journal of Nutrition</i> , 2020 , 123, 198-208	3.6	9
39	Meat and haem iron intake in relation to glioma in the European Prospective Investigation into Cancer and Nutrition study. <i>European Journal of Cancer Prevention</i> , 2018 , 27, 379-383	2	8
38	Bisphenol-A in the European Prospective Investigation into Cancer and Nutrition cohort in Spain: Levels at recruitment and associated dietary factors. <i>Environmental Research</i> , 2020 , 182, 109012	7.9	8
37	Bisphenol A exposure and risk of ischemic heart disease in the Spanish European Prospective Investigation into cancer and nutrition study. <i>Chemosphere</i> , 2020 , 261, 127697	8.4	8
36	Antibody Responses to and Risk of Developing Colorectal Cancer in a European Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1475-1481	4	7
35	Prevalence and correlates of major depression in Granada, Spain: Results from the GRANAD β study. <i>International Journal of Social Psychiatry</i> , 2018 , 64, 450-458	8.5	7
34	Co-benefits from sustainable dietary shifts for population and environmental health: an assessment from a large European cohort study. <i>Lancet Planetary Health, The</i> , 2021 , 5, e786-e796	9.8	7
33	Patient, tumor, and healthcare factors associated with regional variability in lung cancer survival: a Spanish high-resolution population-based study. <i>Clinical and Translational Oncology</i> , 2019 , 21, 621-629	3.6	7
32	Timing of eating across ten European countries - results from the European Prospective Investigation into Cancer and Nutrition (EPIC) calibration study. <i>Public Health Nutrition</i> , 2019 , 22, 324-333	3.3	7
31	Predicting Circulating CA125 Levels among Healthy Premenopausal Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 1076-1085	4	6
30	Prognostic value of the Thrombolysis in Myocardial Infarction risk score in a unselected population with chest pain. Construction of a new predictive model. <i>American Journal of Emergency Medicine</i> , 2008 , 26, 439-45	2.9	6
29	Anticipated help-seeking for cancer symptoms before and after the coronavirus pandemic: results from the Onco-barometer population survey in Spain. <i>British Journal of Cancer</i> , 2021 , 124, 2017-2025	8.7	6
28	Haem iron intake and risk of lung cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 1122-1132	5.2	6
27	Psychological factors related to time to help-seeking for cancer symptoms: a meta-analysis across cancer sites. <i>Health Psychology Review</i> , 2020 , 14, 245-268	7.1	6
26	Receptor activator of nuclear factor κ B ligand, osteoprotegerin, and risk of death following a breast cancer diagnosis: results from the EPIC cohort. <i>BMC Cancer</i> , 2018 , 18, 1010	4.8	6
25	Dietary folate intake and pancreatic cancer risk: Results from the European prospective investigation into cancer and nutrition. <i>International Journal of Cancer</i> , 2019 , 144, 1511-1521	7.5	5
24	A Cross-Sectional Study on the Prevalence and Risk Correlates of Mental Disorders: The GRANAD β Study. <i>Journal of Nervous and Mental Disease</i> , 2018 , 206, 716-725	1.8	5

23	How does intimate partner violence differ depending on level of rurality of residential area in Spain?. <i>Health and Social Work</i> , 2015 , 40, 108-19	1.2	4
22	Childhood and adolescent lymphoma in Spain: incidence and survival trends over 20 years. <i>Clinical and Translational Oncology</i> , 2018 , 20, 1289-1301	3.6	4
21	Physical comorbidities as a marker for high risk of psychological distress in cancer patients. <i>Psycho-Oncology</i> , 2021 , 30, 1160-1166	3.9	4
20	Physical Comorbidities and Depression in Recent and Long-Term Adult Cancer Survivors: NHANES 2007-2018. <i>Cancers</i> , 2021 , 13,	6.6	4
19	Bisphenol-A exposure and risk of breast and prostate cancer in the Spanish European Prospective Investigation into Cancer and Nutrition study. <i>Environmental Health</i> , 2021 , 20, 88	6	4
18	Reasons for low cervical cancer survival in new accession European Union countries: a EURO CARE-5 study. <i>Archives of Gynecology and Obstetrics</i> , 2020 , 301, 591-602	2.5	3
17	Adherence to Clinical Practice Guidelines and Colorectal Cancer Survival: A Retrospective High-Resolution Population-Based Study in Spain. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
16	Soft Drink and Juice Consumption and Renal Cell Carcinoma Incidence and Mortality in the European Prospective Investigation into Cancer and Nutrition. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 1270-1274	4	3
15	Trends of incidence, mortality and survival of multiple myeloma in Spain. A twenty-three-year population-based study. <i>Clinical and Translational Oncology</i> , 2021 , 23, 1429-1439	3.6	3
14	The VAL66MET Bdnf Genetic Polymorphism Does Not Modify The Association Between Major Depression And Body Mass Index (BMI). <i>European Neuropsychopharmacology</i> , 2017 , 27, S447	1.2	2
13	Predictive Model of the Risk of In-Hospital Mortality in Colorectal Cancer Surgery, Based on the Minimum Basic Data Set. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
12	Socio-Economic Inequalities in Lung Cancer Outcomes: An Overview of Systematic Reviews.. <i>Cancers</i> , 2022 , 14,	6.6	2
11	Food biodiversity and total and cause-specific mortality in 9 European countries: An analysis of a prospective cohort study. <i>PLoS Medicine</i> , 2021 , 18, e1003834	11.6	2
10	Prediagnostic Blood Selenium Status and Mortality among Patients with Colorectal Cancer in Western European Populations. <i>Biomedicines</i> , 2021 , 9,	4.8	2
9	Socioeconomic Inequalities in Colorectal Cancer Survival in Southern Spain: A Multilevel Population-Based Cohort Study. <i>Clinical Epidemiology</i> , 2020 , 12, 797-806	5.9	2
8	Blood polyphenol concentrations and differentiated thyroid carcinoma in women from the European Prospective Investigation into Cancer and Nutrition (EPIC) study. <i>American Journal of Clinical Nutrition</i> , 2020 ,	7	2
7	Determination of oleanolic acid in human plasma and its association with olive oil intake in healthy Spanish adults within the EPIC Spain cohort study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600927	5.9	1
6	Healthcare Interventions for Perinatal Depression in Socially Disadvantaged Women: A Systematic Review and Meta-Analysis. <i>Clinical Psychology: Science and Practice</i> , 2014 , 21, 363-384	3.7	1

5	Cancer incidence estimation from mortality data: a validation study within a population-based cancer registry. <i>Population Health Metrics</i> , 2021 , 19, 18	3	1
4	A New Pipeline for the Normalization and Pooling of Metabolomics Data. <i>Metabolites</i> , 2021 , 11,	5.6	1
3	Deprivation gap in colorectal cancer survival attributable to stage at diagnosis: A population-based study in Spain. <i>Cancer Epidemiology</i> , 2020 , 68, 101794	2.8	0
2	Risk Prediction for Renal Cell Carcinoma: Results from the European Prospective Investigation into Cancer and Nutrition (EPIC) Prospective Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 507-512	4	0
1	Associations between dietary amino acid intakes and blood concentration levels. <i>Clinical Nutrition</i> , 2021 , 40, 3772-3779	5.9	0