Miguel RodrÃ-guez Barranco

List of Publications by Year
in descending order

123 papers	5,576 citations	126907 33 h-index	95266 68 g-index
126 all docs	126 docs citations	126 times ranked	9750 citing authors

#	Article	IF	Citations
1	Modified Mediterranean diet and survival: EPIC-elderly prospective cohort study. BMJ: British Medical Journal, 2005, 330, 991.	2.3	614
2	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. European Heart Journal, 2021, 42, 2439-2454.	2.2	491
3	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	21.4	377
4	Association of arsenic, cadmium and manganese exposure with neurodevelopment and behavioural disorders in children: A systematic review and meta-analysis. Science of the Total Environment, 2013, 454-455, 562-577.	8.0	242
5	A systematic review of neurodevelopmental effects of prenatal and postnatal organophosphate pesticide exposure. Toxicology Letters, 2014, 230, 104-121.	0.8	184
6	Legionnairesâ€™ Disease Outbreak in Murcia, Spain. Emerging Infectious Diseases, 2003, 9, 915-921.	4.3	181
7	Cancer incidence in Spain, 2015. Clinical and Translational Oncology, 2017, 19, 799-825.	2.4	169
8	DNA methylome analysis identifies accelerated epigenetic ageing associated with postmenopausal breast cancer susceptibility. European Journal of Cancer, 2017, 75, 299-307.	2.8	154
9	Association of Plasma Phospholipid n-3 and n-6 Polyunsaturated Fatty Acids with Type 2 Diabetes: The EPIC-InterAct Case-Cohort Study. PLoS Medicine, 2016, 13, e1002094.	8.4	150
10	Biomonitoring of arsenic, cadmium, lead, manganese and mercury in urine and hair of children living near mining and industrial areas. Chemosphere, 2015, 124, 83-91.	8.2	129
11	Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network). European Respiratory Journal, 2013, 42, 594-605.	6.7	125
12	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. American Journal of Human Genetics, 2020, 106, 389-404.	6.2	118
13	Characteristics and effectiveness of diabetes self-management educational programs targeted to racial/ethnic minority groups: a systematic review, meta-analysis and meta-regression. BMC Endocrine Disorders, 2014, 14, 60.	2.2	111
14	Association between organophosphate pesticides exposure and thyroid hormones in floriculture workers. Toxicology and Applied Pharmacology, 2010, 243, 19-26.	2.8	92
15	Cadmium exposure and neuropsychological development in school children in southwestern Spain. Environmental Research, 2014, 134, 66-73.	7.5	89
16	Pesticide exposure and genetic variation in xenobiotic-metabolizing enzymes interact to induce biochemical liver damage. Food and Chemical Toxicology, 2013, 61, 144-151.	3.6	74
17	Pre- and postnatal exposures to pesticides and neurodevelopmental effects in children living in agricultural communities from South-Eastern Spain. Environment International, 2015, 85, 229-237.	10.0	68
18	Evaluation of pesticide-induced oxidative stress from a geneâ€“environment interaction perspective. Toxicology, 2013, 307, 95-102.	4.2	66

#	Article	IF	Citations
19	Postnatal arsenic exposure and attention impairment in school children. Cortex, 2016, 74, 370-382.	2.4	60
20	The associations of major foods and fibre with risks of ischaemic and haemorrhagic stroke: a prospective study of 418Â329 participants in the EPIC cohort across nine European countries. European Heart Journal, 2020, 41, 2632-2640.	2.2	60
21	Association between physical activity and risk of hepatobiliary cancers: A multinational cohort study. Journal of Hepatology, 2019, 70, 885-892.	3.7	58
22	Cancer survival in adult patients in Spain. Results from nine population-based cancer registries. Clinical and Translational Oncology, 2018, 20, 201-211.	2.4	56
23	Changes in male hormone profile after occupational organophosphate exposure. A longitudinal study. Toxicology, 2013, 307, 55-65.	4.2	53
24	Inflammatory potential of the diet and risk of gastric cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. American Journal of Clinical Nutrition, 2018, 107, 607-616.	4.7	50
25	Plasma microRNAs as biomarkers of pancreatic cancer risk in a prospective cohort study. International Journal of Cancer, 2017, 141, 905-915.	5.1	48
26	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: AÂmeta-analysis and Mendelian randomisation analysis. PLoS Medicine, 2020, 17, e1003394.	8.4	45
27	Mitochondrial DNA copy number variation, leukocyte telomere length, and breast cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. Breast Cancer Research, 2018, 20, 29.	5.0	44
28	CA19â€9 and apolipoproteinâ€A2 isoforms as detection markers for pancreatic cancer: a prospective evaluation. International Journal of Cancer, 2019, 144, 1877-1887.	5.1	44
29	Lifetime and baseline alcohol intakes and risk of pancreatic cancer in the European Prospective Investigation into Cancer and Nutrition study. International Journal of Cancer, 2018, 143, 801-812.	5.1	42
30	Co-benefits from sustainable dietary shifts for population and environmental health: an assessment from a large European cohort study. Lancet Planetary Health, The, 2021, 5, e786-e796.	11.4	42
31	Interaction between organophosphate pesticide exposure and PON1 activity on thyroid function. Toxicology and Applied Pharmacology, 2010, 249, 16-24.	2.8	41
32	Socio-economic factors linked with mental health during the recession: a multilevel analysis. International Journal for Equity in Health, 2017, 16, 45.	3.5	40
33	Validity of self reported diagnoses of cancer in a major Spanish prospective cohort study. Journal of Epidemiology and Community Health, 2006, 60, 593-599.	3.7	39
34	Trends in incidence, mortality and survival in women with breast cancer from 1985 to 2012 in Granada, Spain: a population-based study. BMC Cancer, 2018, 18, 781.	2.6	38
35	Healthcare interventions for depression in low socioeconomic status populations: A systematic review and meta-analysis. Clinical Psychology Review, 2015, 38, 65-78.	11.4	34
36	Association between organochlorine pesticide exposure and thyroid hormones in floriculture workers. Environmental Research, 2016, 150, 357-363.	7.5	34

#	Article	IF	Citations
37	Standardizing effect size from linear regression models with log-transformed variables for meta-analysis. BMC Medical Research Methodology, 2017, 17, 44.	3.1	34
38	KIM-1 as a Blood-Based Marker for Early Detection of Kidney Cancer: A Prospective Nested Caseâ€“Control Study. Clinical Cancer Research, 2018, 24, 5594-5601.	7.0	34
39	Health Care Interventions to Improve the Quality of Diabetes Care in African Americans. Diabetes Care, 2013, 36, 760-768.	8.6	32
40	Polymorphisms of pesticide-metabolizing genes in children living in intensive farming communities. Chemosphere, 2015, 139, 534-540.	8.2	31
41	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. Gut, 2019, 68, 672-683.	12.1	31
42	The Influence of Individual, Social and Physical Environment Factors on Physical Activity in the Adult Population in Andalusia, Spain. International Journal of Environmental Research and Public Health, 2010, 7, 60-77.	2.6	30
43	Effect of exposure top,p'-DDE on male hormone profile in Mexican flower growers. Occupational and Environmental Medicine, 2012, 69, 5-11.	2.8	29
44	Prevalence of intimate partner violence in Spain: A national cross-sectional survey in primary care. Atencion Primaria, 2017, 49, 93-101.	1.4	29
45	Dairy Product Intake and Risk of Type 2 Diabetes in EPIC-InterAct: A Mendelian Randomization Study. Diabetes Care, 2019, 42, 568-575.	8.6	29
46	Night-shift work and breast and prostate cancer risk: updating the evidence from epidemiological studies. Anales Del Sistema Sanitario De Navarra, 2018, 41, 211-226.	0.5	29
47	Prevalence of diabetes in Murcia (Spain): A Mediterranean area characterised by obesity. Diabetes Research and Clinical Practice, 2006, 71, 202-209.	2.8	28
48	Is hospital discharge administrative data an appropriate source of information for cancer registries purposes? Some insights from four Spanish registries. BMC Health Services Research, 2010, 10, 9.	2.2	28
49	The Effectiveness of HIV Prevention Interventions in Socioeconomically Disadvantaged Ethnic Minority Women: A Systematic Review and Meta-Analysis. American Journal of Public Health, 2017, 107, e13-e21.	2.7	28
50	Moderate egg consumption and all-cause and specific-cause mortality in the Spanish European Prospective into Cancer and Nutrition (EPIC-Spain) study. European Journal of Nutrition, 2019, 58, 2003-2010.	3.9	28
51	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. BMC Medicine, 2020, 18, 229.	5.5	28
52	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. Nutrients, 2018, 10, 725.	4.1	27
53	Socio-Economic Inequalities in Lung Cancer Outcomes: An Overview of Systematic Reviews. Cancers, 2022, 14, 398.	3.7	27
54	Bisphenol-A exposure and risk of breast and prostate cancer in the Spanish European Prospective Investigation into Cancer and Nutrition study. Environmental Health, 2021, 20, 88.	4.0	26

#	Article	IF	Citations
55	Estimated Substitution of Tea or Coffee for Sugar-Sweetened Beverages Was Associated with Lower Type 2 Diabetes Incidence in Caseâ€“Cohort Analysis across 8 European Countries in the EPIC-InterAct Study. Journal of Nutrition, 2019, 149, 1985-1993.	2.9	24
56	Catecholamine Metabolites in Urine, as Chronic Stress Biomarkers, Are Associated With Higher Risk of Chronic Periodontitis in Adults. Journal of Periodontology, 2014, 85, 1755-1762.	3.4	23
57	Multimorbidity and short-term overall mortality among colorectal cancer patients in Spain: A population-based cohort study. European Journal of Cancer, 2020, 129, 4-14.	2.8	23
58	Association of Selenoprotein and Selenium Pathway Genotypes with Risk of Colorectal Cancer and Interaction with Selenium Status. Nutrients, 2019, 11, 935.	4.1	22
59	Effect on risk of anencephaly of geneâ€“nutrient interactions between methylenetetrahydrofolate reductase C677T polymorphism and maternal folate, vitamin B12and homocysteine profile. Public Health Nutrition, 2012, 15, 1419-1428.	2.2	21
60	Epidemiological support for genetic variability at hypothalamic–pituitary–adrenal axis and serotonergic system as risk factors for major depression. Neuropsychiatric Disease and Treatment, 2015, 11, 2743.	2.2	21
61	Intimate partner violence and mental disorders: Co-occurrence and gender differences in a large cross-sectional population based study in Spain. Journal of Affective Disorders, 2018, 229, 69-78.	4.1	19
62	Physical Comorbidities and Depression in Recent and Long-Term Adult Cancer Survivors: NHANES 2007â€“2018. Cancers, 2021, 13, 3368.	3.7	19
63	Effects of public health interventions on industrial emissions and ambient air in Cartagena, Spain. Environmental Science and Pollution Research, 2009, 16, 152-161.	5.3	18
64	Vasectomy and Prostate Cancer Risk in the European Prospective Investigation Into Cancer and Nutrition (EPIC). Journal of Clinical Oncology, 2017, 35, 1297-1303.	1.6	18
65	Psychological factors related to time to help-seeking for cancer symptoms: a meta-analysis across cancer sites. Health Psychology Review, 2020, 14, 245-268.	8.6	18
66	An Approach to Estimate Between- and Within-Group Correlation Coefficients in Multicenter Studies: Plasma Carotenoids as Biomarkers of Intake of Fruits and Vegetables. American Journal of Epidemiology, 2005, 162, 591-598.	3.4	17
67	Protocolo y metodologÃa del estudio epidemiolÃ³gico de la salud mental en AndalucÃa: PISMA-ep. Revista De PsiquiatrÃa Y Salud Mental, 2016, 9, 185-194.	1.8	17
68	Genetic variation in the ADIPOQ gene, adiponectin concentrations and risk of colorectal cancer: a Mendelian Randomization analysis using data from three large cohort studies. European Journal of Epidemiology, 2017, 32, 419-430.	5.7	17
69	Aromatic DNA adducts and breast cancer risk: a case-cohort study within the EPIC-Spain. Carcinogenesis, 2017, 38, 691-698.	2.8	17
70	Haem iron intake and risk of lung cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. European Journal of Clinical Nutrition, 2019, 73, 1122-1132.	2.9	17
71	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. British Journal of Nutrition, 2020, 123, 198-208.	2.3	17
72	Prevalence and correlates of major depression in Granada, Spain: Results from the GranadÎ£p study. International Journal of Social Psychiatry, 2018, 64, 450-458.	3.1	16

#	Article	IF	Citations
73	Methodological issues in a prospective study on plasma concentrations of persistent organic pollutants and pancreatic cancer risk within the EPIC cohort. Environmental Research, 2019, 169, 417-433.	7.5	16
74	Bisphenol-A in the European Prospective Investigation into Cancer and Nutrition cohort in Spain: Levels at recruitment and associated dietary factors. Environmental Research, 2020, 182, 109012.	7.5	16
75	Multimorbidity by Patient and Tumor Factors and Time-to-Surgery Among Colorectal Cancer Patients in Spain: A Population-Based Study . Clinical Epidemiology, 2020, Volume 12, 31-40.	3.0	16
76	Trends of incidence, mortality and survival of multiple myeloma in Spain. A twenty-three-year population-based study. Clinical and Translational Oncology, 2021, 23, 1429-1439.	2.4	16
77	Association between PON1 genetic polymorphisms and miscarriage in Mexican women exposed to pesticides. Science of the Total Environment, 2013, 449, 302-308.	8.0	15
78	Inflammatory potential of the diet and mortality in the Spanish cohort of the European Prospective Investigation into Cancer and Nutrition (EPICâ€Spain). Molecular Nutrition and Food Research, 2017, 61, 1600649.	3.3	15
79	Interaction of Dietary and Genetic Factors Influencing Body Iron Status and Risk of Type 2 Diabetes Within the EPIC-InterAct Study. Diabetes Care, 2018, 41, 277-285.	8.6	15
80	Timing of eating across ten European countries â€“ results from the European Prospective Investigation into Cancer and Nutrition (EPIC) calibration study. Public Health Nutrition, 2019, 22, 324-335.	2.2	15
81	A New Pipeline for the Normalization and Pooling of Metabolomics Data. Metabolites, 2021, 11, 631.	2.9	15
82	Body Size at Different Ages and Risk of 6 Cancers: A Mendelian Randomization and Prospective Cohort Study. Journal of the National Cancer Institute, 2022, 114, 1296-1300.	6.3	15
83	Bisphenol A exposure and risk of ischemic heart disease in the Spanish European Prospective Investigation into cancer and nutrition study. Chemosphere, 2020, 261, 127697.	8.2	14
84	Anticipated help-seeking for cancer symptoms before and after the coronavirus pandemic: results from the Onco-barometer population survey in Spain. British Journal of Cancer, 2021, 124, 2017-2025.	6.4	14
85	Identifying dietary patterns using a normal mixture model: application to the EPIC study. Journal of Epidemiology and Community Health, 2012, 66, 89-94.	3.7	13
86	Modulation of the endogenous antioxidants paraoxonase-1 and urate by pesticide exposure and genetic variants of xenobiotic-metabolizing enzymes. Food and Chemical Toxicology, 2013, 61, 164-170.	3.6	12
87	Meat and haem iron intake in relation to glioma in the European Prospective Investigation into Cancer and Nutrition study. European Journal of Cancer Prevention, 2018, 27, 379-383.	1.3	12
88	Blood polyphenol concentrations and differentiated thyroid carcinoma in women from the European Prospective Investigation into Cancer and Nutrition (EPIC) study. American Journal of Clinical Nutrition, 2021, 113, 162-171.	4.7	12
89	Physical comorbidities as a marker for high risk of psychological distress in cancer patients. Psycho-Oncology, 2021, 30, 1160-1166.	2.3	12
90	Associations between dietary amino acid intakes and blood concentration levels. Clinical Nutrition, 2021, 40, 3772-3779.	5.0	12

#	Article	IF	Citations
91	Thyroid Cancer Epidemiology in South Spain: a population-based time trend study. Endocrine, 2018, 62, 423-431.	2.3	11
92	Patient, tumor, and healthcare factors associated with regional variability in lung cancer survival: a Spanish high-resolution population-based study. Clinical and Translational Oncology, 2019, 21, 621-629.	2.4	11
93	Antibody Responses to Helicobacter pylori and Risk of Developing Colorectal Cancer in a European Cohort. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1475-1481.	2.5	11
94	Cyberbullying and Associated Factors in Member Countries of the European Union: A Systematic Review and Meta-Analysis of Studies with Representative Population Samples. International Journal of Environmental Research and Public Health, 2022, 19, 7364.	2.6	10
95	Receptor activator of nuclear factor kB ligand, osteoprotegerin, and risk of death following a breast cancer diagnosis: results from the EPIC cohort. BMC Cancer, 2018, 18, 1010.	2.6	9
96	Predicting Circulating CA125 Levels among Healthy Premenopausal Women. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1076-1085.	2.5	9
97	Soft Drink and Juice Consumption and Renal Cell Carcinoma Incidence and Mortality in the European Prospective Investigation into Cancer and Nutrition. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1270-1274.	2.5	9
98	Prognostic value of the Thrombolysis in Myocardial Infarction risk score in a unselected population with chest pain. Construction of a new predictive model. American Journal of Emergency Medicine, 2008, 26, 439-445.	1.6	8
99	A Cross-Sectional Study on the Prevalence and Risk Correlates of Mental Disorders: The GRANADÎ£P Study. Journal of Nervous and Mental Disease, 2018, 206, 716-725.	1.0	8
100	Prediagnostic Blood Selenium Status and Mortality among Patients with Colorectal Cancer in Western European Populations. Biomedicines, 2021, 9, 1521.	3.2	8
101	Reasons for low cervical cancer survival in new accession European Union countries: a EUROCARE-5 study. Archives of Gynecology and Obstetrics, 2020, 301, 591-602.	1.7	7
102	Adherence to Clinical Practice Guidelines and Colorectal Cancer Survival: A Retrospective High-Resolution Population-Based Study in Spain. International Journal of Environmental Research and Public Health, 2020, 17, 6697.	2.6	7
103	Predictive Model of the Risk of In-Hospital Mortality in Colorectal Cancer Surgery, Based on the Minimum Basic Data Set. International Journal of Environmental Research and Public Health, 2020, 17, 4216.	2.6	7
104	Food biodiversity and total and cause-specific mortality in 9 European countries: An analysis of a prospective cohort study. PLoS Medicine, 2021, 18, e1003834.	8.4	7
105	Childhood and adolescent lymphoma in Spain: incidence and survival trends over 20Âyears. Clinical and Translational Oncology, 2018, 20, 1289-1301.	2.4	6
106	Dietary folate intake and pancreatic cancer risk: Results from the European prospective investigation into cancer and nutrition. International Journal of Cancer, 2019, 144, 1511-1521.	5.1	6
107	Socioeconomic Inequalities in Colorectal Cancer Survival in Southern Spain: A Multilevel Population-Based Cohort Study . Clinical Epidemiology, 2020, Volume 12, 797-806.	3.0	6
108	Deprivation gap in colorectal cancer survival attributable to stage at diagnosis: A population-based study in Spain. Cancer Epidemiology, 2020, 68, 101794.	1.9	6

#	Article	IF	Citations
109	Risk Prediction for Renal Cell Carcinoma: Results from the European Prospective Investigation into Cancer and Nutrition (EPIC) Prospective Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 507-512.	2.5	6
110	Anti-cancer therapy is associated with long-term epigenomic changes in childhood cancer survivors. British Journal of Cancer, 2022, 127, 288-300.	6.4	6
111	How Does Intimate Partner Violence Differ Depending on Level of Rurality of Residential Area in Spain?. Health and Social Work, 2015, 40, 108-119.	1.0	5
112	Inflammatory Potential of the Diet and Incidence of Crohnâ€™s Disease and Ulcerative Colitis in the EPIC-Spain Cohort. Nutrients, 2021, 13, 2201.	4.1	5
113	Circulating Isovalerylcarnitine and Lung Cancer Risk: Evidence from Mendelian Randomization and Prediagnostic Blood Measurements. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1966-1974.	2.5	4
114	Healthcare Interventions for Perinatal Depression in Socially Disadvantaged Women: A Systematic Review and Meta-Analysis. Clinical Psychology: Science and Practice, 2014, 21, 363-384.	0.9	3
115	Cancer incidence estimation from mortality data: a validation study within a population-based cancer registry. Population Health Metrics, 2021, 19, 18.	2.7	3
116	Cruciferous Vegetable Intake and Bulky DNA Damage within Non-Smokers and Former Smokers in the Gen-Air Study (EPIC Cohort). Nutrients, 2022, 14, 2477.	4.1	3
117	The VAL66MET Bdnf Genetic Polymorphism Does Not Modify The Association Between Major Depression And Body Mass Index (BMI). European Neuropsychopharmacology, 2017, 27, S447.	0.7	2
118	Determination of oleanolic acid in human plasma and its association with olive oil intake in healthy Spanish adults within the EPIC Spain cohort study. Molecular Nutrition and Food Research, 2017, 61, 1600927.	3.3	1
119	Comorbid Medical Conditions In Individuals With Major Psychiatric Disorders. European Neuropsychopharmacology, 2017, 27, S396-S397.	0.7	1
120	Interaction Between Organophosphate Exposure and Serum PON1 Activity on Thyroid Hormones in Mexican Greenhouse Workers. Epidemiology, 2009, 20, S165-S166.	2.7	0
121	Association Between Organophosphates Pesticides Exposure and Reproductive Hormone Profile in Male Greenhouse Workers. Epidemiology, 2009, 20, S166.	2.7	0
122	Healthcare interventions for perinatal depression in socially disadvantaged women: A systematic review and metaâ€•analysis.. Clinical Psychology: Science and Practice, 2014, 21, 363-384.	0.9	0
123	Montelukast in early childhood asthma. Predict value of IgG in clinical reply in children 2 to 5 years old?. Allergologia Et Immunopathologia, 2004, 32, 204-211.	1.7	0