

Ferran Ballester

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

7,683
citations

57719

44
h-index

54882

84
g-index

133
all docs

133
docs citations

133
times ranked

9560
citing authors

#	ARTICLE	IF	CITATIONS
1	Confounding and Effect Modification in the Short-Term Effects of Ambient Particles on Total Mortality: Results from 29 European Cities within the APHEA2 Project. <i>Epidemiology</i> , 2001, 12, 521-531.	1.2	810
2	Cohort Profile: The INMA "Infancia y Medio Ambiente" (Environment and Childhood) Project. <i>International Journal of Epidemiology</i> , 2012, 41, 930-940.	0.9	492
3	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). <i>Lancet Respiratory Medicine</i> , 2013, 1, 695-704.	5.2	464
4	Birth Weight and Prenatal Exposure to Polychlorinated Biphenyls (PCBs) and Dichlorodiphenyldichloroethylene (DDE): A Meta-analysis within 12 European Birth Cohorts. <i>Environmental Health Perspectives</i> , 2012, 120, 162-170.	2.8	267
5	Apheis: Health Impact Assessment of Long-term Exposure to PM2.5 in 23 European Cities. <i>European Journal of Epidemiology</i> , 2006, 21, 449-458.	2.5	236
6	Reproducibility and validity of a food frequency questionnaire among pregnant women in a Mediterranean area. <i>Nutrition Journal</i> , 2013, 12, 26.	1.5	228
7	Surrounding Greenness and Pregnancy Outcomes in Four Spanish Birth Cohorts. <i>Environmental Health Perspectives</i> , 2012, 120, 1481-1487.	2.8	210
8	The association of daily sulfur dioxide air pollution levels with hospital admissions for cardiovascular diseases in Europe (The Aphea-II study). <i>European Heart Journal</i> , 2003, 24, 752-760.	1.0	193
9	Exposure to ambient air pollution and prenatal and early childhood health effects. <i>European Journal of Epidemiology</i> , 2005, 20, 183-199.	2.5	192
10	Exposure to perfluoroalkyl substances and thyroid function in pregnant women and children: A systematic review of epidemiologic studies. <i>Environment International</i> , 2017, 99, 15-28.	4.8	182
11	Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. <i>BMJ Open</i> , 2018, 8, e021311.	0.8	161
12	Prenatal Exposure to Residential Air Pollution and Infant Mental Development: Modulation by Antioxidants and Detoxification Factors. <i>Environmental Health Perspectives</i> , 2012, 120, 144-149.	2.8	150
13	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 388-399.	1.5	145
14	Air pollution exposure during pregnancy and reduced birth size: a prospective birth cohort study in Valencia, Spain. <i>Environmental Health</i> , 2010, 9, 6.	1.7	133
15	Early-Life Exposure to Outdoor Air Pollution and Respiratory Health, Ear Infections, and Eczema in Infants from the INMA Study. <i>Environmental Health Perspectives</i> , 2013, 121, 387-392.	2.8	110
16	Changes in the Effect of Heat on Mortality in the Last 20 Years in Nine European Cities. Results from the PHASE Project. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15567-15583.	1.2	108
17	Preterm birth and exposure to air pollutants during pregnancy. <i>Environmental Research</i> , 2010, 110, 778-785.	3.7	107
18	Child health and the environment: the INMA Spanish Study. <i>Paediatric and Perinatal Epidemiology</i> , 2006, 20, 403-410.	0.8	106

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19	Synergistic Effects of Ambient Temperature and Air Pollution on Health in Europe: Results from the PHASE Project. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1856.	1.2	101
20	Prenatal Exposure to Mercury and Infant Neurodevelopment in a Multicenter Cohort in Spain: Study of Potential Modifiers. <i>American Journal of Epidemiology</i> , 2012, 175, 451-465.	1.6	99
21	Reducing ambient levels of fine particulates could substantially improve health: a mortality impact assessment for 26 European cities. <i>Journal of Epidemiology and Community Health</i> , 2008, 62, 98-105.	2.0	98
22	Maternal Consumption of Seafood in Pregnancy and Child Neuropsychological Development: A Longitudinal Study Based on a Population With High Consumption Levels. <i>American Journal of Epidemiology</i> , 2016, 183, 169-182.	1.6	96
23	Residential Exposure to Outdoor Air Pollution during Pregnancy and Anthropometric Measures at Birth in a Multicenter Cohort in Spain. <i>Environmental Health Perspectives</i> , 2011, 119, 1333-1338.	2.8	95
24	Fish consumption during pregnancy, prenatal mercury exposure, and anthropometric measures at birth in a prospective mother-infant cohort study in Spain. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1047-1055.	2.2	94
25	Prenatal exposure to perfluoroalkyl substances and birth outcomes in a Spanish birth cohort. <i>Environment International</i> , 2017, 108, 278-284.	4.8	92
26	Prenatal exposure to PCB-153, p,p'-DDE and birth outcomes in 9000 mother-child pairs: Exposure-response relationship and effect modifiers. <i>Environment International</i> , 2015, 74, 23-31.	4.8	83
27	Relation between Temperature and Mortality in Thirteen Spanish Cities. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3196-3210.	1.2	72
28	Concentrations and determinants of organochlorine levels among pregnant women in Eastern Spain. <i>Science of the Total Environment</i> , 2010, 408, 5758-5767.	3.9	62
29	A combined analysis of the short-term effects of photochemical air pollutants on mortality within the EMECAM project. <i>Environmental Health Perspectives</i> , 2002, 110, 221-228.	2.8	60
30	Determinants of self-reported smoking and misclassification during pregnancy, and analysis of optimal cut-off points for urinary cotinine: a cross-sectional study. <i>BMJ Open</i> , 2013, 3, e002034.	0.8	58
31	Association of CD4+ T Cells with Disease Severity and Mortality in Septic Patients. <i>Vaccine Journal</i> , 2013, 20, 738-746.	3.2	58
32	Exposure to elevated temperatures and risk of preterm birth in Valencia, Spain. <i>Environmental Research</i> , 2014, 134, 210-217.	3.7	57
33	Prenatal and postnatal exposure to NO2 and child attentional function at 4-5 years of age. <i>Environment International</i> , 2017, 106, 170-177.	4.8	56
34	Prenatal exposure to mixtures of xenoestrogens and repetitive element DNA methylation changes in human placenta. <i>Environment International</i> , 2014, 71, 81-87.	4.8	52
35	Reproducibility and Validity of a Food Frequency Questionnaire Designed to Assess Diet in Children Aged 4-5 Years. <i>PLoS ONE</i> , 2016, 11, e0167338.	1.1	52
36	Evaluating the neurotoxic effects of lactational exposure to persistent organic pollutants (POPs) in Spanish children. <i>NeuroToxicology</i> , 2013, 34, 9-15.	1.4	51

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37	Prenatal mercury exposure and birth outcomes. <i>Environmental Research</i> , 2016, 151, 11-20.	3.7	51
38	Prenatal and postnatal exposure to air pollution and emotional and aggressive symptoms in children from 8 European birth cohorts. <i>Environment International</i> , 2019, 131, 104927.	4.8	51
39	Estimation of personal NO ₂ exposure in a cohort of pregnant women. <i>Science of the Total Environment</i> , 2009, 407, 6093-6099.	3.9	49
40	Maternal Origin and Other Determinants of Cord Serum Organochlorine Compound Concentrations in Infants from the General Population. <i>Environmental Science & Technology</i> , 2010, 44, 6488-6495.	4.6	49
41	Epidemiology of Sepsis in the Valencian Community (Spain), 1995-2004. <i>Infection Control and Hospital Epidemiology</i> , 2008, 29, 630-634.	1.0	48
42	Effect of Gene-Mercury Interactions on Mercury Toxicokinetics and Neurotoxicity. <i>Current Environmental Health Reports</i> , 2015, 2, 179-194.	3.2	48
43	Selenium status during pregnancy: Influential factors and effects on neuropsychological development among Spanish infants. <i>Science of the Total Environment</i> , 2018, 610-611, 741-749.	3.9	48
44	Prenatal exposure to mercury in a prospective mother-infant cohort study in a Mediterranean area, Valencia, Spain. <i>Science of the Total Environment</i> , 2008, 392, 69-78.	3.9	45
45	Outdoor, but not indoor, nitrogen dioxide exposure is associated with persistent cough during the first year of life. <i>Science of the Total Environment</i> , 2011, 409, 4667-4673.	3.9	45
46	Prenatal exposure to organochlorine compounds and neuropsychological development up to two years of life. <i>Environment International</i> , 2012, 45, 72-77.	4.8	45
47	Exposure to ambient air pollution during pregnancy and preterm birth: A Spanish multicenter birth cohort study. <i>Environmental Research</i> , 2016, 147, 50-58.	3.7	43
48	Prenatal Exposure to NO ₂ and Ultrasound Measures of Fetal Growth in the Spanish INMA Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 235-242.	2.8	41
49	Prenatal exposure to organochlorine compounds and neonatal thyroid stimulating hormone levels. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2010, 20, 579-588.	1.8	40
50	Maternal copper status and neuropsychological development in infants and preschool children. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 503-512.	2.1	40
51	Polymorphisms in ABC Transporter Genes and Concentrations of Mercury in Newborns - Evidence from Two Mediterranean Birth Cohorts. <i>PLoS ONE</i> , 2014, 9, e97172.	1.1	39
52	Distributions and determinants of urinary biomarkers of organophosphate pesticide exposure in a prospective Spanish birth cohort study. <i>Environmental Health</i> , 2017, 16, 46.	1.7	37
53	Prenatal exposure to mercury and neuropsychological development in young children: the role of fish consumption. <i>International Journal of Epidemiology</i> , 2017, 46, dyw259.	0.9	36
54	Maternal selenium status and neuropsychological development in Spanish preschool children. <i>Environmental Research</i> , 2018, 166, 215-222.	3.7	36

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55	Factors associated with second-hand smoke exposure in non-smoking pregnant women in Spain: Self-reported exposure and urinary cotinine levels. <i>Science of the Total Environment</i> , 2014, 470-471, 1189-1196.	3.9	34
56	Organochlorine Compounds and Ultrasound Measurements of Fetal Growth in the INMA Cohort (Spain). <i>Environmental Health Perspectives</i> , 2016, 124, 157-163.	2.8	33
57	Prenatal exposure to perfluoroalkyl substances, immune-related outcomes, and lung function in children from a Spanish birth cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 945-954.	2.1	33
58	Prenatal perfluoroalkyl substance exposure and neuropsychological development throughout childhood: The INMA Project. <i>Journal of Hazardous Materials</i> , 2021, 416, 125185.	6.5	33
59	Air pollution and mortality in the Canary Islands: a time-series analysis. <i>Environmental Health</i> , 2010, 9, 8.	1.7	32
60	Maternal cell phone use during pregnancy and child behavioral problems in five birth cohorts. <i>Environment International</i> , 2017, 104, 122-131.	4.8	31
61	Infants' indoor and outdoor residential exposure to benzene and respiratory health in a Spanish cohort. <i>Environmental Pollution</i> , 2017, 222, 486-494.	3.7	30
62	Deficit of Gammadelta T Lymphocytes in the Peripheral Blood of Patients with Crohn's Disease. <i>Digestive Diseases and Sciences</i> , 2011, 56, 2613-2622.	1.1	29
63	Active and passive smoking during pregnancy and ultrasound measures of fetal growth in a cohort of pregnant women. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 563-570.	2.0	29
64	Second-hand smoke exposure in 4-year-old children in Spain: Sources, associated factors and urinary cotinine. <i>Environmental Research</i> , 2016, 145, 116-125.	3.7	29
65	Exposure to mercury among Spanish preschool children: Trend from birth to age four. <i>Environmental Research</i> , 2014, 132, 83-92.	3.7	28
66	Associations of black carbon with lung function and airway inflammation in schoolchildren. <i>Environment International</i> , 2019, 131, 104984.	4.8	28
67	Urban environment during early-life and blood pressure in young children. <i>Environment International</i> , 2021, 146, 106174.	4.8	26
68	Dietary and Household Sources of Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) in the INMA Birth Cohort (Spain). <i>Environmental Science & Technology</i> , 2016, 50, 5935-5944.	4.6	25
69	Exposure to mercury among 9-year-old children and neurobehavioural function. <i>Environment International</i> , 2021, 146, 106173.	4.8	25
70	Exposure to metals and metalloids among pregnant women from Spain: Levels and associated factors. <i>Chemosphere</i> , 2022, 286, 131809.	4.2	25
71	Different Convergence Parameters Applied to the S-PLUS GAM Function. <i>Epidemiology</i> , 2002, 13, 742.	1.2	25
72	Occurrence of DBPs in Drinking Water of European Regions for Epidemiology Studies. <i>Journal - American Water Works Association</i> , 2016, 108, E501.	0.2	24

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73	CYP3A genes and the association between prenatal methylmercury exposure and neurodevelopment. <i>Environment International</i> , 2017, 105, 34-42.	4.8	24
74	Prenatal exposure to mercury and longitudinally assessed fetal growth: Relation and effect modifiers. <i>Environmental Research</i> , 2018, 160, 97-106.	3.7	24
75	Drinking water disinfection by-products during pregnancy and child neuropsychological development in the INMA Spanish cohort study. <i>Environment International</i> , 2018, 110, 113-122.	4.8	24
76	Synergism between exposure to mercury and use of iodine supplements on thyroid hormones in pregnant women. <i>Environmental Research</i> , 2015, 138, 298-305.	3.7	23
77	Microsporidia and Its Relation to Crohn's Disease. A Retrospective Study. <i>PLoS ONE</i> , 2013, 8, e62107.	1.1	22
78	Methylmercury-induced developmental toxicity is associated with oxidative stress and cofilin phosphorylation. Cellular and human studies. <i>NeuroToxicology</i> , 2017, 59, 197-209.	1.4	22
79	Outdoor NO ₂ and benzene exposure in the INMA (Environment and Childhood) Asturias cohort (Spain). <i>Atmospheric Environment</i> , 2011, 45, 5240-5246.	1.9	21
80	First-trimester maternal concentrations of polyfluoroalkyl substances and fetal growth throughout pregnancy. <i>Environment International</i> , 2019, 130, 104830.	4.8	20
81	Health effects of the 2012 Valencia (Spain) wildfires on children in a cohort study. <i>Environmental Geochemistry and Health</i> , 2016, 38, 703-712.	1.8	19
82	Association between exposure to organochlorine compounds and maternal thyroid status: Role of the iodothyronine deiodinase 1 gene. <i>Environment International</i> , 2017, 104, 83-90.	4.8	19
83	Deficit of interleukin 7 in septic patients. <i>International Immunopharmacology</i> , 2014, 23, 73-76.	1.7	18
84	Urinary arsenic species and methylation efficiency during pregnancy: Concentrations and associated factors in Spanish pregnant women. <i>Environmental Research</i> , 2021, 196, 110889.	3.7	18
85	Ambient air pollution and annoyance responses from pregnant women. <i>Atmospheric Environment</i> , 2008, 42, 2982-2992.	1.9	17
86	Associations of Maternal Cell-Phone Use During Pregnancy With Pregnancy Duration and Fetal Growth in 4 Birth Cohorts. <i>American Journal of Epidemiology</i> , 2019, 188, 1270-1280.	1.6	17
87	Exposure to ultrafine particles in children until 18 years of age: A systematic review. <i>Indoor Air</i> , 2020, 30, 7-23.	2.0	17
88	Assessment of prenatal exposure to persistent organohalogen compounds from cord blood serum analysis in two Mediterranean populations (Valencia and Menorca). <i>Journal of Environmental Monitoring</i> , 2011, 13, 422-432.	2.1	16
89	In utero exposure to mixtures of xenoestrogens and child neuropsychological development. <i>Environmental Research</i> , 2014, 134, 98-104.	3.7	16
90	The inter-annual variability of heat-related mortality in nine European cities (1990-2010). <i>Environmental Health</i> , 2018, 17, 66.	1.7	16

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91	Chronic mercury exposure and blood pressure in children and adolescents: a systematic review. <i>Environmental Science and Pollution Research</i> , 2019, 26, 2238-2252.	2.7	16
92	Prenatal arsenic exposure, arsenic methylation efficiency, and neuropsychological development among preschool children in a Spanish birth cohort. <i>Environmental Research</i> , 2022, 207, 112208.	3.7	16
93	Characterisation of exposure to non-ionising electromagnetic fields in the Spanish INMA birth cohort: study protocol. <i>BMC Public Health</i> , 2016, 16, 167.	1.2	14
94	Influence of prenatal exposure to environmental pollutants on human cord blood levels of glutamate. <i>NeuroToxicology</i> , 2014, 40, 102-110.	1.4	13
95	Prenatal manganese exposure and neuropsychological development in early childhood in the INMA cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 224, 113443.	2.1	13
96	Prevalence of exposure to occupational risks during pregnancy in Spain. <i>International Journal of Public Health</i> , 2012, 57, 817-826.	1.0	12
97	The INMA "Infancia y Medio Ambiente" (Environment and Childhood) project: More than 10 years contributing to environmental and neuropsychological research. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 647-658.	2.1	12
98	Social factors associated with nitrogen dioxide (NO ₂) exposure during pregnancy: The INMA-Valencia project in Spain. <i>Social Science and Medicine</i> , 2011, 72, 890-898.	1.8	11
99	Swimming pool attendance, respiratory symptoms and infections in the first year of life. <i>European Journal of Pediatrics</i> , 2013, 172, 977-985.	1.3	11
100	Water hardness and eczema at 1 and 4y of age in the INMA birth cohort. <i>Environmental Research</i> , 2015, 142, 579-585.	3.7	11
101	Prenatal head growth and child neuropsychological development at age 14 months. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 661.e1-661.e11.	0.7	11
102	Exposure to mercury among 9-year-old Spanish children: Associated factors and trend throughout childhood. <i>Environment International</i> , 2019, 130, 104835.	4.8	11
103	Prenatal Se concentrations and anthropometry at birth in the INMA study (Spain). <i>Environmental Research</i> , 2020, 181, 108943.	3.7	11
104	DNA methylation changes associated with prenatal mercury exposure: A meta-analysis of prospective cohort studies from PACE consortium. <i>Environmental Research</i> , 2022, 204, 112093.	3.7	11
105	Postnatal exposure to mercury and neuropsychological development among preschooler children. <i>European Journal of Epidemiology</i> , 2020, 35, 259-271.	2.5	10
106	Annoyance Caused by Noise and Air Pollution during Pregnancy: Associated Factors and Correlation with Outdoor NO ₂ and Benzene Estimations. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 7044-7058.	1.2	9
107	Short-Term Relationship between Hip Fracture and Weather Conditions in Two Spanish Health Areas with Different Climates. <i>Journal of Environmental and Public Health</i> , 2015, 2015, 1-8.	0.4	9
108	Prenatal exposure to fluoride and neuropsychological development in early childhood: 1-to 4 years old children. <i>Environmental Research</i> , 2022, 207, 112181.	3.7	9

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109	Prenatal manganese serum levels and neurodevelopment at 4 years of age. <i>Environmental Research</i> , 2021, 197, 111172.	3.7	8
110	Postnatal weight growth and trihalomethane exposure during pregnancy. <i>Environmental Research</i> , 2015, 136, 280-288.	3.7	7
111	Maternal Perfluoroalkyl Substances, Thyroid Hormones, and <i>DIO</i> Genes: A Spanish Cross-sectional Study. <i>Environmental Science & Technology</i> , 2021, 55, 11144-11154.	4.6	7
112	Pre and postnatal exposure to mercury and respiratory health in preschool children from the Spanish INMA Birth Cohort Study. <i>Science of the Total Environment</i> , 2021, 782, 146654.	3.9	7
113	Maternal occupational exposures and fetal growth in a Spanish birth cohort. <i>PLoS ONE</i> , 2022, 17, e0264530.	1.1	4
114	Pre and postnatal exposure to mercury and sexual development in 9-year-old children in Spain: The role of brain-derived neurotrophic factor. <i>Environmental Research</i> , 2022, 213, 113620.	3.7	4
115	RELATIONSHIP BETWEEN GASEOUS AIR POLLUTANTS AND CARDIOVASCULAR ADMISSIONS: A STUDY IN 14 SPANISH CITIES. <i>Epidemiology</i> , 2004, 15, S25-S26.	1.2	2
116	Serum metal levels in a population of Spanish pregnant women. <i>Gaceta Sanitaria</i> , 2022, 36, 468-476.	0.6	2
117	Response to "Comment on Maternal Perfluoroalkyl Substances, Thyroid Hormones, and <i>DIO</i> Genes: A Spanish Cross-sectional Study: Predictability of Multiple Imputations for Large Amounts of Missing Data". <i>Environmental Science & Technology</i> , 2022, , .	4.6	2