

Aitana Lertxundi Manterola

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,420
citations

159585

30
h-index

149698

56
g-index

74
all docs

74
docs citations

74
times ranked

5181
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). <i>Lancet Respiratory Medicine</i> , 2013, 1, 695-704.	10.7	464
2	Surrounding Greenness and Pregnancy Outcomes in Four Spanish Birth Cohorts. <i>Environmental Health Perspectives</i> , 2012, 120, 1481-1487.	6.0	210
3	Air Pollution During Pregnancy and Childhood Cognitive and Psychomotor Development. <i>Epidemiology</i> , 2014, 25, 636-647.	2.7	172
4	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.	6.0	150
5	Intrauterine and early postnatal exposure to outdoor air pollution and lung function at preschool age. <i>Thorax</i> , 2015, 70, 64-73.	5.6	139
6	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.	6.0	110
7	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.	3.4	99
8	Associations of maternal circulating 25-hydroxyvitamin D3 concentration with pregnancy and birth outcomes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 1695-1704.	2.3	98
9	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.	6.0	95
10	Mediterranean diet adherence during pregnancy and fetal growth: INMA (Spain) and RHEA (Greece) mother-child cohort studies. <i>British Journal of Nutrition</i> , 2012, 107, 135-145.	2.3	94
11	The LifeCycle Project-EU Child Cohort Network: a federated analysis infrastructure and harmonized data of more than 250,000 children and parents. <i>European Journal of Epidemiology</i> , 2020, 35, 709-724.	5.7	81
12	Exposure to fine particle matter, nitrogen dioxide and benzene during pregnancy and cognitive and psychomotor developments in children at 15 months of age. <i>Environment International</i> , 2015, 80, 33-40.	10.0	79
13	Occupational Exposure to Endocrine-Disrupting Chemicals and Birth Weight and Length of Gestation: A European Meta-Analysis. <i>Environmental Health Perspectives</i> , 2016, 124, 1785-1793.	6.0	78
14	Prenatal mercury exposure in a multicenter cohort study in Spain. <i>Environment International</i> , 2011, 37, 597-604.	10.0	72
15	Prenatal exposure to PM2.5 and NO2 and sex-dependent infant cognitive and motor development. <i>Environmental Research</i> , 2019, 174, 114-121.	7.5	70
16	Socioeconomic status and exposure to multiple environmental pollutants during pregnancy: evidence for environmental inequity?. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 106-113.	3.7	63
17	Prenatal exposure to endocrine disrupting chemicals and risk of being born small for gestational age: Pooled analysis of seven European birth cohorts. <i>Environment International</i> , 2018, 115, 267-278.	10.0	60
18	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.	1.9	58

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19	Placental metal concentrations and birth outcomes: The Environment and Childhood (INMA) project. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 468-478.	4.3	58
20	Prenatal and postnatal exposure to NO ₂ and child attentional function at 4-5 years of age. <i>Environment International</i> , 2017, 106, 170-177.	10.0	56
21	Air Pollution Exposure During Pregnancy and Symptoms of Attention Deficit and Hyperactivity Disorder in Children in Europe. <i>Epidemiology</i> , 2018, 29, 618-626.	2.7	51
22	Association of Exposure to Ambient Air Pollution With Thyroid Function During Pregnancy. <i>JAMA Network Open</i> , 2019, 2, e1912902.	5.9	50
23	Prenatal exposure to organochlorine compounds and neuropsychological development up to two years of life. <i>Environment International</i> , 2012, 45, 72-77.	10.0	45
24	Prenatal ambient air pollution exposure, infant growth and placental mitochondrial DNA content in the INMA birth cohort. <i>Environmental Research</i> , 2017, 157, 96-102.	7.5	44
25	Exposure to ambient air pollution during pregnancy and preterm birth: A Spanish multicenter birth cohort study. <i>Environmental Research</i> , 2016, 147, 50-58.	7.5	43
26	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.	6.0	41
27	The Influence of Meteorological Factors and Atmospheric Pollutants on the Risk of Preterm Birth. <i>American Journal of Epidemiology</i> , 2017, 185, 247-258.	3.4	35
28	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.	8.0	34
29	Maternal Metabolic Health Parameters During Pregnancy in Relation to Early Childhood BMI Trajectories. <i>Obesity</i> , 2018, 26, 588-596.	3.0	34
30	Organochlorine Compounds and Ultrasound Measurements of Fetal Growth in the INMA Cohort (Spain). <i>Environmental Health Perspectives</i> , 2016, 124, 157-163.	6.0	33
31	Prenatal perfluoroalkyl substance exposure and neuropsychological development throughout childhood: The INMA Project. <i>Journal of Hazardous Materials</i> , 2021, 416, 125185.	12.4	33
32	Changes in serum dioxin and PCB levels in residents around a municipal waste incinerator in Bilbao, Spain. <i>Environmental Research</i> , 2017, 156, 738-746.	7.5	32
33	Impact of lifestyle behaviors in early childhood on obesity and cardiometabolic risk in children: Results from the Spanish INMA birth cohort study. <i>Pediatric Obesity</i> , 2020, 15, e12590.	2.8	31
34	Associations between air pollution and pediatric eczema, rhinoconjunctivitis and asthma: A meta-analysis of European birth cohorts. <i>Environment International</i> , 2020, 136, 105474.	10.0	31
35	Prenatal air pollution exposure and growth and cardio-metabolic risk in preschoolers. <i>Environment International</i> , 2020, 138, 105619.	10.0	30
36	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.	7.5	29

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37	Prenatal Omega-6:Omega-3 Ratio and Attention Deficit and Hyperactivity Disorder Symptoms. <i>Journal of Pediatrics</i> , 2019, 209, 204-211.e4.	1.8	28
38	Exposure to metals and metalloids among pregnant women from Spain: Levels and associated factors. <i>Chemosphere</i> , 2022, 286, 131809.	8.2	25
39	Prenatal exposure to mercury and longitudinally assessed fetal growth: Relation and effect modifiers. <i>Environmental Research</i> , 2018, 160, 97-106.	7.5	24
40	Shared DNA methylation signatures in childhood allergy: The MeDALL study. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1031-1040.	2.9	24
41	Associations of early-life pet ownership with asthma and allergic sensitization: A meta-analysis of more than 77,000 children from the EU Child Cohort Network. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 82-92.	2.9	21
42	Iodine intake in a population of pregnant women: INMA mother and child cohort study, Spain. <i>Journal of Epidemiology and Community Health</i> , 2010, 64, 1094-1099.	3.7	20
43	Integration of gene expression and DNA methylation identifies epigenetically controlled modules related to PM2.5 exposure. <i>Environment International</i> , 2021, 146, 106248.	10.0	20
44	Urban upbringing and childhood respiratory and allergic conditions: A multi-country holistic study. <i>Environmental Research</i> , 2018, 161, 276-283.	7.5	19
45	Prenatal exposure to hexachlorobenzene (HCB) and reproductive effects in a multicentre birth cohort in Spain. <i>Science of the Total Environment</i> , 2014, 466-467, 770-776.	8.0	18
46	Urinary arsenic species and methylation efficiency during pregnancy: Concentrations and associated factors in Spanish pregnant women. <i>Environmental Research</i> , 2021, 196, 110889.	7.5	18
47	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.	3.4	17
48	Parametric and semi-parametric approaches in the analysis of short-term effects of air pollution on health. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 4324-4336.	1.2	16
49	Prenatal arsenic exposure, arsenic methylation efficiency, and neuropsychological development among preschool children in a Spanish birth cohort. <i>Environmental Research</i> , 2022, 207, 112208.	7.5	16
50	Polycyclic aromatic hydrocarbons (PAHs) in air associated with particles PM2.5 in the Basque Country (Spain). <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 107-114.	3.3	15
51	In utero exposure to bisphenols and asthma, wheeze, and lung function in school-age children: a prospective meta-analysis of 8 European birth cohorts. <i>Environment International</i> , 2022, 162, 107178.	10.0	15
52	Air quality assessment in urban areas of Gipuzkoa (Spain). <i>Gaceta Sanitaria</i> , 2010, 24, 187-192.	1.5	14
53	High doses of folic acid in the periconceptional period and risk of low weight for gestational age at birth in a population based cohort study. <i>European Journal of Nutrition</i> , 2019, 58, 241-251.	3.9	13
54	Exposure to second-hand smoke and reproductive outcomes depending on maternal asthma. <i>European Respiratory Journal</i> , 2012, 40, 371-376.	6.7	12

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55	Testing the Multiple Pathways of Residential Greenness to Pregnancy Outcomes Model in a Sample of Pregnant Women in the Metropolitan Area of Donostia-San Sebastián. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4520.	2.6	12
56	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.	1.3	11
57	Prenatal Se concentrations and anthropometry at birth in the INMA study (Spain). <i>Environmental Research</i> , 2020, 181, 108943.	7.5	11
58	Immediate effects of cervical mobilisations on global perceived effect, movement associated pain and neck kinematics in patients with non-specific neck pain. A double blind placebo randomised controlled trial. <i>Musculoskeletal Science and Practice</i> , 2018, 38, 83-90.	1.3	10
59	Association between sympathoexcitatory changes and symptomatic improvement following cervical mobilisations in participants with neck pain. A double blind placebo controlled trial. <i>Musculoskeletal Science and Practice</i> , 2019, 42, 90-97.	1.3	10
60	Association between prenatal exposure to air pollutants and newborn thyroxine (T4) levels. <i>Environmental Research</i> , 2021, 197, 111132.	7.5	10
61	Prenatal exposure to fluoride and neuropsychological development in early childhood: 1-to 4 years old children. <i>Environmental Research</i> , 2022, 207, 112181.	7.5	9
62	Head circumference and child ADHD symptoms and cognitive functioning: results from a large population-based cohort study. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 377-388.	4.7	8
63	Prenatal manganese serum levels and neurodevelopment at 4 years of age. <i>Environmental Research</i> , 2021, 197, 111172.	7.5	8
64	Is Brief Exposure to Green Space in School the Best Option to Improve Attention in Children?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7484.	2.6	7
65	Causal Effects of Prenatal Exposure to PM2.5 on Child Development and the Role of Unobserved Confounding. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4381.	2.6	5
66	Prenatal Manganese Exposure and Long-Term Neuropsychological Development at 4 Years of Age in a Population-Based Birth Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1665.	2.6	4
67	Immediate effects of cervical mobilisations on neck muscle activity during active neck movements in patients with non-specific neck pain. A double blind placebo controlled trial. <i>Physiotherapy</i> , 2021, 110, 42-53.	0.4	2
68	Maternal occupational exposure to chemicals and child cognitive function. <i>Pediatric Research</i> , 2022, 92, 1153-1160.	2.3	2
69	S07-2â€¦Occupational exposure to endocrine-disrupting chemicals and birth weight and length of gestation: a european meta-analysis. , 2016, , .		0
70	Association between prenatal exposure to air pollutants and newborn thyroxine (T4) levels. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
71	Hiriko gune berdeak eta osasuna. <i>Ekaia (journal)</i> , 2020, , 45-63.	0.0	0
72	Ingurumen zaratak eraginik al du 11 urteko umeen loaren kalitatean?. , 0, , .		0