

# Ana Fernández-Somoano

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

5,970  
citations

81839

39  
h-index

79644

73  
g-index

122  
all docs

122  
docs citations

122  
times ranked

10062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to metal mixture and growth indicators at 4â€“5 years. A study in the INMA-Asturias cohort. <i>Environmental Research</i> , 2022, 204, 112375.	3.7	10
2	Effects of residential greenness on attention in a longitudinal study at 8 and 11â€“13 years. <i>Environmental Research</i> , 2022, 210, 112994.	3.7	9
3	Serum concentrations of persistent organic pollutants mixture during pregnancy and anogenital distance in 8-year-old children from the INMA-Asturias cohort. <i>Environmental Research</i> , 2022, 213, 113607.	3.7	3
4	Environmental and dietary determinants of metal exposure in four-year-old children from a cohort located in an industrial area (Asturias, Northern Spain). <i>Environmental Research</i> , 2022, 214, 113862.	3.7	3
5	The Use of Lower or Higher Than Recommended Doses of Folic Acid Supplements during Pregnancy Is Associated with Child Attentional Dysfunction at 4â€“5 Years of Age in the INMA Project. <i>Nutrients</i> , 2021, 13, 327.	1.7	10
6	Maternal sleep duration and neonate birth weight: A populationâ€“based cohort study. <i>International Journal of Gynecology and Obstetrics</i> , 2021, , .	1.0	4
7	Prenatal Exposure to Cigarette Smoke and Anogenital Distance at 4 Years in the INMA-Asturias Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4774.	1.2	7
8	Geographical Variability in Mortality in Urban Areas: A Joint Analysis of 16 Causes of Death. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5664.	1.2	4
9	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
10	Spatial Distribution of Hospitalizations for Ischemic Heart Diseases in the Central Region of Asturias, Spain. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12320.	1.2	2
11	Popularidad de NeurologÃa en EspaÃ±a: anÃ¡lisis de la elecciÃ³n de la especialidad. <i>NeurologÃa</i> , 2020, 35, 543-550.	0.3	6
12	Maternal seafood consumption during pregnancy and child attention outcomes: a cohort study with gene effect modification by PUFA-related genes. <i>International Journal of Epidemiology</i> , 2020, 49, 559-571.	0.9	10
13	Residential Surrounding Greenspace and Mental Health in Three Spanish Areas. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5670.	1.2	12
14	Protein-altering germline mutations implicate novel genes related to lung cancer development. <i>Nature Communications</i> , 2020, 11, 2220.	5.8	31
15	High adherence to a mediterranean diet at age 4 reduces overweight, obesity and abdominal obesity incidence in children at the age of 8. <i>International Journal of Obesity</i> , 2020, 44, 1906-1917.	1.6	33
16	Prenatal air pollution exposure and growth and cardio-metabolic risk in preschoolers. <i>Environment International</i> , 2020, 138, 105619.	4.8	30
17	Association between pre/perinatal exposure to POPs and children's anogenital distance at age 4 years: A study from the INMA-Asturias cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 229, 113563.	2.1	16
18	Efficacy of regenerative therapy in aggressive periodontitis: a systematic review and meta-analysis of randomised controlled clinical trials. <i>Clinical Oral Investigations</i> , 2020, 24, 1369-1378.	1.4	5

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19	Urinary cobalt and ferritin in four-years-old children. <i>Environmental Research</i> , 2020, 183, 109147.	3.7	6
20	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.	2.8	8
21	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
22	Association of Exposure to Ambient Air Pollution With Thyroid Function During Pregnancy. <i>JAMA Network Open</i> , 2019, 2, e1912902.	2.8	50
23	Mother-child transfer rates of organohalogen compounds up to four years of age. <i>Environment International</i> , 2019, 133, 105241.	4.8	10
24	Elevated Platelet Count Appears to Be Causally Associated with Increased Risk of Lung Cancer: A Mendelian Randomization Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 935-942.	1.1	21
25	Maternal nut intake in pregnancy and child neuropsychological development up to 8 years old: a population-based cohort study in Spain. <i>European Journal of Epidemiology</i> , 2019, 34, 661-673.	2.5	14
26	Inorganic arsenic exposure and neuropsychological development of children of 4-5 years of age living in Spain. <i>Environmental Research</i> , 2019, 174, 135-142.	3.7	45
27	Association between trans fatty acid intake and overweight including obesity in 4 to 5 year old children from the INMA study. <i>Pediatric Obesity</i> , 2019, 14, e12528.	1.4	8
28	Prenatal Omega-6:Omega-3 Ratio and Attention Deficit and Hyperactivity Disorder Symptoms. <i>Journal of Pediatrics</i> , 2019, 209, 204-211.e4.	0.9	28
29	Poor mothers, unhealthy children: the transmission of health inequalities in the INMA study, Spain. <i>European Journal of Public Health</i> , 2019, 29, 568-574.	0.1	2
30	Systematic analyses of regulatory variants in DNase I hypersensitive sites identified two novel lung cancer susceptibility loci. <i>Carcinogenesis</i> , 2019, 40, 432-440.	1.3	5
31	Dissemination of health technologies: Trends in the use of diagnostic test in breast cancer screening. <i>Journal of Healthcare Quality Research</i> , 2019, 34, 177-184.	0.2	0
32	Maternal Metabolic Health Parameters During Pregnancy in Relation to Early Childhood BMI Trajectories. <i>Obesity</i> , 2018, 26, 588-596.	1.5	34
33	Social Factors Associated with Non-initiation and Cessation of Predominant Breastfeeding in a Mother-Child Cohort in Spain. <i>Maternal and Child Health Journal</i> , 2018, 22, 725-734.	0.7	28
34	Urban upbringing and childhood respiratory and allergic conditions: A multi-country holistic study. <i>Environmental Research</i> , 2018, 161, 276-283.	3.7	19
35	La elección de la especialidad medicina intensiva: análisis de los últimos 10 años. <i>Medicina Intensiva</i> , 2018, 42, 65-68.	0.4	7
36	Prenatal exposure to mercury and longitudinally assessed fetal growth: Relation and effect modifiers. <i>Environmental Research</i> , 2018, 160, 97-106.	3.7	24

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37	Top ten errors of statistical analysis in observational studies for cancer research. <i>Clinical and Translational Oncology</i> , 2018, 20, 954-965.	1.2	17
38	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
39	Fine mapping of MHC region in lung cancer highlights independent susceptibility loci by ethnicity. <i>Nature Communications</i> , 2018, 9, 3927.	5.8	43
40	Prenatal Exposure to Persistent Organic Pollutants and Anogenital Distance in Children at 18 Months. <i>Hormone Research in Paediatrics</i> , 2018, 90, 116-122.	0.8	22
41	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. <i>Nature Communications</i> , 2018, 9, 3221.	5.8	60
42	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
43	Alcohol and lung cancer risk among never smokers: A pooled analysis from the international lung cancer consortium and the SYNERGY study. <i>International Journal of Cancer</i> , 2017, 140, 1976-1984.	2.3	35
44	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
45	Efecto del alcohol y sus metabolitos en el cncer de pulmn: estudio CAPUA. <i>Medicina Clnica</i> , 2017, 148, 531-538.	0.3	11
46	Maternal pre-pregnancy obesity and neuropsychological development in pre-school children: a prospective cohort study. <i>Pediatric Research</i> , 2017, 82, 596-606.	1.1	25
47	Proatherogenic Lipid Profile in Early Childhood: Association with Weight Status at 4 Years and Parental Obesity. <i>Journal of Pediatrics</i> , 2017, 187, 153-157.e2.	0.9	14
48	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. <i>Nature Genetics</i> , 2017, 49, 1126-1132.	9.4	472
49	Effect of alcohol and its metabolites in lung cancer: CAPUA study. <i>Medicina Clnica (English Edition)</i> , 2017, 148, 531-538.	0.1	7
50	Effect of maternal high dosages of folic acid supplements on neurocognitive development in children at 4-5 years of age: the prospective birth cohort Infancia y Medio Ambiente (INMA) study. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 878-887.	2.2	59
51	Endocrinologa y nutricin: evolucin de la eleccin de la especialidad en los ltimos aos. <i>Endocrinologa, Diabetes Y Nutricin</i> , 2017, 64, 329-331.	0.1	9
52	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
53	Anlisis de la eleccin de la especialidad de radiodiagnstico en el examen MIR desde el ao 2006 hasta 2015. <i>Radiologa</i> , 2017, 59, 232-246.	0.3	7
54	The Influence of Meteorological Factors and Atmospheric Pollutants on the Risk of Preterm Birth. <i>American Journal of Epidemiology</i> , 2017, 185, 247-258.	1.6	35

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55	Urban green and grey space in relation to respiratory health in children. <i>European Respiratory Journal</i> , 2017, 49, 1502112.	3.1	104
56	Association between breastfeeding duration and cognitive development, autistic traits and ADHD symptoms: a multicenter study in Spain. <i>Pediatric Research</i> , 2017, 81, 434-442.	1.1	75
57	Alcohol Consumption and Lung Cancer According to Ile349Val Polymorphism in <i>ADH3</i> Gene: Beyond the Tobacco Smoking Effect. <i>Journal of Cancer</i> , 2017, 8, 2296-2302.	1.2	1
58	Lifelong Residential Exposure to Green Space and Attention: A Population-based Prospective Study. <i>Environmental Health Perspectives</i> , 2017, 125, 097016.	2.8	97
59	Gastroenterology - Evolution of specialty choice in recent years. <i>Revista Espanola De Enfermedades Digestivas</i> , 2017, 109, 614-618.	0.1	7
60	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
61	Prenatal Exposure to NO <sub>2</sub> and Ultrasound Measures of Fetal Growth in the Spanish INMA Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 235-242.	2.8	41
62	Dietary Intake of Trans Fatty Acids in Children Aged 4-5 in Spain: The INMA Cohort Study. <i>Nutrients</i> , 2016, 8, 625.	1.7	7
63	Dietary and Household Sources of Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) in the INMA Birth Cohort (Spain). <i>Environmental Science &amp; Technology</i> , 2016, 50, 5935-5944.	4.6	25
64	The association between passive and active tobacco smoke exposure and child weight status among Spanish children. <i>Obesity</i> , 2016, 24, 1767-1777.	1.5	28
65	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
66	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
67	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
68	Use of high doses of folic acid supplements in pregnant women in Spain: an INMA cohort study. <i>BMJ Open</i> , 2015, 5, e009202.	0.8	20
69	Maternal Thyroid Dysfunction during Gestation, Preterm Delivery, and Birthweight. The Infancia y Medio Ambiente Cohort, Spain. <i>Paediatric and Perinatal Epidemiology</i> , 2015, 29, 113-122.	0.8	93
70	Annoyance Caused by Noise and Air Pollution during Pregnancy: Associated Factors and Correlation with Outdoor NO <sub>2</sub> and Benzene Estimations. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 7044-7058.	1.2	9
71	Pre- and postnatal exposure to tobacco smoke and respiratory outcomes during the first year. <i>Indoor Air</i> , 2015, 25, 4-12.	2.0	29
72	Population-based multicase-control study in common tumors in Spain (MCC-Spain): rationale and study design. <i>Gaceta Sanitaria</i> , 2015, 29, 308-315.	0.6	158

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73	Exploring Educational Disparities in Risk of Preterm Delivery: A Comparative Study of 12 European Birth Cohorts. Paediatric and Perinatal Epidemiology, 2015, 29, 172-183.	0.8	43
74	Prenatal Exposure to Polybrominated Flame Retardants and Fetal Growth in the INMA Cohort (Spain). Environmental Science & Technology, 2015, 49, 10108-10116.	4.6	44
75	Water hardness and eczema at 1 and 4y of age in the INMA birth cohort. Environmental Research, 2015, 142, 579-585.	3.7	11
76	Prenatal head growth and child neuropsychological development at age 14 months. American Journal of Obstetrics and Gynecology, 2015, 212, 661.e1-661.e11.	0.7	11
77	Deficit of vitamin D in pregnancy and growth and overweight in the offspring. International Journal of Obesity, 2015, 39, 61-68.	1.6	70
78	Air Pollution and Respiratory Infections during Early Childhood: An Analysis of 10 European Birth Cohorts within the ESCAPE Project. Environmental Health Perspectives, 2014, 122, 107-113.	2.8	224
79	Gestational Weight Gain and Exposure of Newborns to Persistent Organic Pollutants. Environmental Health Perspectives, 2014, 122, 873-879.	2.8	42
80	Socioeconomic status and exposure to outdoor NO <sub>2</sub> and benzene in the Asturias INMA birth cohort, Spain. Journal of Epidemiology and Community Health, 2014, 68, 29-36.	2.0	22
81	Air Pollution During Pregnancy and Childhood Cognitive and Psychomotor Development. Epidemiology, 2014, 25, 636-647.	1.2	172
82	Folic Acid Supplements During Pregnancy and Child Psychomotor Development After the First Year of Life. JAMA Pediatrics, 2014, 168, e142611.	3.3	95
83	Factors associated with second-hand smoke exposure in non-smoking pregnant women in Spain: Self-reported exposure and urinary cotinine levels. Science of the Total Environment, 2014, 470-471, 1189-1196.	3.9	34
84	Prenatal exposure to mixtures of xenoestrogens and repetitive element DNA methylation changes in human placenta. Environment International, 2014, 71, 81-87.	4.8	52
85	Transport of persistent organic pollutants across the human placenta. Environment International, 2014, 65, 107-115.	4.8	192
86	Prenatal exposure to hexachlorobenzene (HCB) and reproductive effects in a multicentre birth cohort in Spain. Science of the Total Environment, 2014, 466-467, 770-776.	3.9	18
87	Occupation and leukaemia in Spain 2007-2012. Occupational and Environmental Medicine, 2014, 71, A117.4-A118.	1.3	0
88	Socio-Economic Inequalities in Health, Habits and Self-Care During Pregnancy in Spain. Maternal and Child Health Journal, 2013, 17, 1315-1324.	0.7	35
89	Relationship between area-level socioeconomic characteristics and outdoor NO <sub>2</sub> concentrations in rural and urban areas of northern Spain. BMC Public Health, 2013, 13, 71.	1.2	12
90	The use of household cleaning products during pregnancy and lower respiratory tract infections and wheezing during early life. International Journal of Public Health, 2013, 58, 757-764.	1.0	31

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91	Prenatal and postnatal residential usage of insecticides in a multicenter birth cohort in Spain. <i>Science of the Total Environment</i> , 2013, 445-446, 273-280.	3.9	3
92	Iodine Supplementation During Pregnancy and Infant Neuropsychological Development: INMA Mother and Child Cohort Study. <i>American Journal of Epidemiology</i> , 2013, 177, 944-953.	1.6	80
93	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). <i>Lancet Respiratory Medicine</i> , 2013, 1, 695-704.	5.2	464
94	Prenatal and postnatal insecticide use and infant neuropsychological development in a multicenter birth cohort study. <i>Environment International</i> , 2013, 59, 175-182.	4.8	11
95	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
96	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
97	Maternal Smoking During Pregnancy and Fetal Biometry. <i>American Journal of Epidemiology</i> , 2013, 178, 1067-1075.	1.6	32
98	Pooling Birth Cohorts in Allergy and Asthma: European Union-Funded Initiatives "A MeDALL, CHICOS, ENRIECO, and GA2LEN Joint Paper. <i>International Archives of Allergy and Immunology</i> , 2013, 161, 1-10.	0.9	54
99	European Birth Cohorts for Environmental Health Research. <i>Environmental Health Perspectives</i> , 2012, 120, 29-37.	2.8	116
100	Surrounding Greenness and Pregnancy Outcomes in Four Spanish Birth Cohorts. <i>Environmental Health Perspectives</i> , 2012, 120, 1481-1487.	2.8	210
101	Circulating 25-Hydroxyvitamin D3 in Pregnancy and Infant Neuropsychological Development. <i>Pediatrics</i> , 2012, 130, e913-e920.	1.0	114
102	Association of p21 Ser31Arg and p53 Arg72Pro polymorphisms with lung cancer risk in CAPUA study. <i>Lung Cancer: Targets and Therapy</i> , 2012, 3, 69.	1.3	4
103	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
104	Maternal Vitamin D Status in Pregnancy and Risk of Lower Respiratory Tract Infections, Wheezing, and Asthma in Offspring. <i>Epidemiology</i> , 2012, 23, 64-71.	1.2	144
105	Indoor Air Pollution From Gas Cooking and Infant Neurodevelopment. <i>Epidemiology</i> , 2012, 23, 23-32.	1.2	59
106	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
107	Genetic polymorphisms in CYP1A1, GSTM1, GSTP1 and GSTT1 metabolic genes and risk of lung cancer in Asturias. <i>BMC Cancer</i> , 2012, 12, 433.	1.1	40
108	Genetic polymorphisms in MMP 2, 9 and 3 genes modify lung cancer risk and survival. <i>BMC Cancer</i> , 2012, 12, 121.	1.1	74

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109	Prenatal exposure to lead in Spain: Cord blood levels and associated factors. <i>Science of the Total Environment</i> , 2011, 409, 2298-2305.	3.9	42
110	Outdoor NO <sub>2</sub> and benzene exposure in the INMA (Environment and Childhood) Asturias cohort (Spain). <i>Atmospheric Environment</i> , 2011, 45, 5240-5246.	1.9	21
111	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
112	The null hypothesis significance test in health sciences research (1995-2006): statistical analysis and interpretation. <i>BMC Medical Research Methodology</i> , 2010, 10, 44.	1.4	53
113	88 Genetic polymorphisms in the MMP2 and MMP9 genes decreased lung cancer risk. <i>European Journal of Cancer, Supplement</i> , 2010, 8, 23.	2.2	0
114	Educational inequalities in quantity, duration and type of tobacco consumption among lung cancer patients in Asturias: epidemiological analyses. <i>Psicothema</i> , 2010, 22, 634-40.	0.7	7
115	Polymorphism +17 C/G in Matrix Metalloprotease MMP8 decreases lung cancer risk. <i>BMC Cancer</i> , 2008, 8, 378.	1.1	49