Mario Murcia

List of Publications by Year
in descending order

112 papers	5,687 citations	66234 42 h-index	88477 70 g-index
115 all docs	115 docs citations	115 times ranked	8496 citing authors

#	Article	IF	Citations
1	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	13.7	406
2	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	9.4	402
3	Reproducibility and validity of a food frequency questionnaire among pregnant women in a Mediterranean area. Nutrition Journal, 2013, 12, 26.	1.5	228
4	Association of Thyroid Function Test Abnormalities and Thyroid Autoimmunity With Preterm Birth. JAMA - Journal of the American Medical Association, 2019, 322, 632.	3.8	224
5	Air Pollution During Pregnancy and Childhood Cognitive and Psychomotor Development. Epidemiology, 2014, 25, 636-647.	1.2	172
6	Exposure to Bisphenol A and Phthalates during Pregnancy and Ultrasound Measures of Fetal Growth in the INMA-Sabadell Cohort. Environmental Health Perspectives, 2016, 124, 521-528.	2.8	119
7	Effect of Iodine Supplementation During Pregnancy on Infant Neurodevelopment at 1 Year of Age. American Journal of Epidemiology, 2011, 173, 804-812.	1.6	116
8	Thyroxine Levels During Pregnancy in Healthy Women and Early Child Neurodevelopment. Epidemiology, 2013, 24, 150-157.	1.2	114
9	Diet quality in early pregnancy and its effects on fetal growth outcomes: the Infancia y Medio Ambiente (Childhood and Environment) Mother and Child Cohort Study in Spain. American Journal of Clinical Nutrition, 2010, 91, 1659-1666.	2.2	112
10	A Genome-Wide Association Meta-Analysis of Attention-Deficit/Hyperactivity Disorder Symptoms in Population-Based Pediatric Cohorts. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 896-905.e6.	0.3	112
11	Prenatal co-exposure to neurotoxic metals and neurodevelopment in preschool children: The Environment and Childhood (INMA) Project. Science of the Total Environment, 2018, 621, 340-351.	3.9	103
12	Prenatal Exposure to Mercury and Infant Neurodevelopment in a Multicenter Cohort in Spain: Study of Potential Modifiers. American Journal of Epidemiology, 2012, 175, 451-465.	1.6	99
13	Fish intake during pregnancy, fetal growth, and gestational length in 19 European birth cohort studies. American Journal of Clinical Nutrition, 2014, 99, 506-516.	2.2	98
14	Iodine Intake and Maternal Thyroid Function During Pregnancy. Epidemiology, 2010, 21, 62-69.	1.2	97
15	Maternal pre-pregnancy overweight and obesity, and child neuropsychological development: two Southern European birth cohort studies. International Journal of Epidemiology, 2013, 42, 506-517.	0.9	96
16	Folic Acid Supplements During Pregnancy and Child Psychomotor Development After the First Year of Life. JAMA Pediatrics, 2014, 168, e142611.	3.3	95
17	Association of Maternal Iodine Status With Child IQ: A Meta-Analysis of Individual Participant Data. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5957-5967.	1.8	95
18	Fish consumption during pregnancy, prenatal mercury exposure, and anthropometric measures at birth in a prospective mother-infant cohort study in Spain. American Journal of Clinical Nutrition, 2009, 90, 1047-1055.	2.2	94

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19	Maternal Thyroid Dysfunction during Gestation, Preterm Delivery, and Birthweight. The Infancia y Medio Ambiente Cohort, <scp>S</scp>pain. Paediatric and Perinatal Epidemiology, 2015, 29, 113-122.	0.8	93
20	Genome-wide DNA methylation study in human placenta identifies novel loci associated with maternal smoking during pregnancy. International Journal of Epidemiology, 2016, 45, 1644-1655.	0.9	85
21	The LifeCycle Project-EU Child Cohort Network: a federated analysis infrastructure and harmonized data of more than 250,000 children and parents. European Journal of Epidemiology, 2020, 35, 709-724.	2.5	81
22	Iodine Supplementation During Pregnancy and Infant Neuropsychological Development: INMA Mother and Child Cohort Study. American Journal of Epidemiology, 2013, 177, 944-953.	1.6	80
23	Thyroid Function in Early Pregnancy, Child IQ, and Autistic Traits: A Meta-Analysis of Individual Participant Data. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2967-2979.	1.8	77
24	Prenatal mercury exposure in a multicenter cohort study in Spain. Environment International, 2011, 37, 597-604.	4.8	72
25	Prenatal exposure to PM2.5 and NO2 and sex-dependent infant cognitive and motor development.. Environmental Research, 2019, 174, 114-121.	3.7	70
26	Does early onset asthma increase childhood obesity risk? A pooled analysis of 16 European cohorts. European Respiratory Journal, 2018, 52, 1800504.	3.1	67
27	Association between thyroid hormone levels and 4,4â€²-DDE concentrations in pregnant women (Valencia, Spain). Environmental Research, 2009, 109, 479-485.	3.7	65
28	Prenatal Exposure to Organochlorine Compounds and Birth Size. Pediatrics, 2011, 128, e127-e134.	1.0	64
29	Socioeconomic status and exposure to multiple environmental pollutants during pregnancy: evidence for environmental inequity?. Journal of Epidemiology and Community Health, 2012, 66, 106-113.	2.0	63
30	Concentrations and determinants of organochlorine levels among pregnant women in Eastern Spain. Science of the Total Environment, 2010, 408, 5758-5767.	3.9	62
31	Effect of maternal high dosages of folic acid supplements on neurocognitive development in children at 4â€“5 y of age: the prospective birth cohort Infancia y Medio Ambiente (INMA) study. American Journal of Clinical Nutrition, 2017, 106, 878-887.	2.2	59
32	Determinants of self-reported smoking and misclassification during pregnancy, and analysis of optimal cut-off points for urinary cotinine: a cross-sectional study. BMJ Open, 2013, 3, e002034.	0.8	58
33	Placental metal concentrations and birth outcomes: The Environment and Childhood (INMA) project. International Journal of Hygiene and Environmental Health, 2019, 222, 468-478.	2.1	58
34	Vegetable but Not Fruit Intake during Pregnancy Is Associated with Newborn Anthropometric Measures. Journal of Nutrition, 2009, 139, 561-567.	1.3	55
35	Prenatal exposure to mixtures of xenoestrogens and repetitive element DNA methylation changes in human placenta. Environment International, 2014, 71, 81-87.	4.8	52
36	Reproducibility and Validity of a Food Frequency Questionnaire Designed to Assess Diet in Children Aged 4-5 Years. PLoS ONE, 2016, 11, e0167338.	1.1	52

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37	Prenatal mercury exposure and birth outcomes. Environmental Research, 2016, 151, 11-20.	3.7	51
38	Iodine intake from supplements and diet during pregnancy and child cognitive and motor development: the INMA Mother and Child Cohort Study. Journal of Epidemiology and Community Health, 2018, 72, 216-222.	2.0	49
39	Selenium status during pregnancy: Influential factors and effects on neuropsychological development among Spanish infants. Science of the Total Environment, 2018, 610-611, 741-749.	3.9	48
40	Prenatal exposure to mercury in a prospective motherâ€“infant cohort study in a Mediterranean area, Valencia, Spain. Science of the Total Environment, 2008, 392, 69-78.	3.9	45
41	Prenatal exposure to organochlorine compounds and neuropsychological development up to two years of life. Environment International, 2012, 45, 72-77.	4.8	45
42	Prenatal Exposure to Polybrominated Flame Retardants and Fetal Growth in the INMA Cohort (Spain). Environmental Science & Technology, 2015, 49, 10108-10116.	4.6	44
43	Dietary intake in pregnant women in a Spanish Mediterranean area: as good as it is supposed to be?. Public Health Nutrition, 2013, 16, 1379-1389.	1.1	43
44	Fish Intake in Pregnancy and Child Growth. JAMA Pediatrics, 2016, 170, 381.	3.3	43
45	Prenatal exposure to lead in Spain: Cord blood levels and associated factors. Science of the Total Environment, 2011, 409, 2298-2305.	3.9	42
46	Prenatal Exposure to NO ₂ and Ultrasound Measures of Fetal Growth in the Spanish INMA Cohort. Environmental Health Perspectives, 2016, 124, 235-242.	2.8	41
47	Prenatal exposure to organochlorine compounds and neonatal thyroid stimulating hormone levels. Journal of Exposure Science and Environmental Epidemiology, 2010, 20, 579-588.	1.8	40
48	Prenatal exposure to traffic-related air pollution and fetal growth in a cohort of pregnant women. Occupational and Environmental Medicine, 2012, 69, 736-744.	1.3	40
49	Maternal copper status and neuropsychological development in infants and preschool children. International Journal of Hygiene and Environmental Health, 2019, 222, 503-512.	2.1	40
50	Periconceptional folic acid supplementation and anthropometric measures at birth in a cohort of pregnant women in Valencia, Spain. British Journal of Nutrition, 2011, 105, 1352-1360.	1.2	39
51	Polymorphisms in ABC Transporter Genes and Concentrations of Mercury in Newborns â€“ Evidence from Two Mediterranean Birth Cohorts. PLoS ONE, 2014, 9, e97172.	1.1	39
52	The role of parental social class, education and unemployment on child cognitive development. Gaceta Sanitaria, 2020, 34, 51-60.	0.6	38
53	Distributions and determinants of urinary biomarkers of organophosphate pesticide exposure in a prospective Spanish birth cohort study. Environmental Health, 2017, 16, 46.	1.7	37
54	Prenatal exposure to mercury and neuropsychological development in young children: the role of fish consumption. International Journal of Epidemiology, 2017, 46, dyw259.	0.9	36

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55	Maternal selenium status and neuropsychological development in Spanish preschool children. Environmental Research, 2018, 166, 215-222.	3.7	36
56	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
57	Maternal Metabolic Health Parameters During Pregnancy in Relation to Early Childhood BMI Trajectories. Obesity, 2018, 26, 588-596.	1.5	34
58	Organochlorine Compounds and Ultrasound Measurements of Fetal Growth in the INMA Cohort (Spain). Environmental Health Perspectives, 2016, 124, 157-163.	2.8	33
59	Prenatal perfluoroalkyl substance exposure and neuropsychological development throughout childhood: The INMA Project. Journal of Hazardous Materials, 2021, 416, 125185.	6.5	33
60	Maternal Smoking During Pregnancy and Fetal Biometry. American Journal of Epidemiology, 2013, 178, 1067-1075.	1.6	32
61	Active and passive smoking during pregnancy and ultrasound measures of fetal growth in a cohort of pregnant women. Journal of Epidemiology and Community Health, 2012, 66, 563-570.	2.0	29
62	Pre- and postnatal exposure to tobacco smoke and respiratory outcomes during the first year. Indoor Air, 2015, 25, 4-12.	2.0	29
63	Second-hand smoke exposure in 4-year-old children in Spain: Sources, associated factors and urinary cotinine. Environmental Research, 2016, 145, 116-125.	3.7	29
64	Male specific association between xenoestrogen levels in placenta and birthweight. Environment International, 2013, 51, 174-181.	4.8	28
65	Exposure to mercury among Spanish preschool children: Trend from birth to age four. Environmental Research, 2014, 132, 83-92.	3.7	28
66	Social Factors Associated with Non-initiation and Cessation of Predominant Breastfeeding in a Motherâ€“Child Cohort in Spain. Maternal and Child Health Journal, 2018, 22, 725-734.	0.7	28
67	Prenatal Omega-6:Omega-3 Ratio and Attention Deficit and Hyperactivity Disorder Symptoms. Journal of Pediatrics, 2019, 209, 204-211.e4.	0.9	28
68	Dietary and Household Sources of Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) in the INMA Birth Cohort (Spain). Environmental Science & Technology, 2016, 50, 5935-5944.	4.6	25
69	Maternal pre-pregnancy obesity and neuropsychological development in pre-school children: a prospective cohort study. Pediatric Research, 2017, 82, 596-606.	1.1	25
70	Exposure to mercury among 9-year-old children and neurobehavioural function. Environment International, 2021, 146, 106173.	4.8	25
71	Exposure to metals and metalloids among pregnant women from Spain: Levels and associated factors. Chemosphere, 2022, 286, 131809.	4.2	25
72	CYP3A genes and the association between prenatal methylmercury exposure and neurodevelopment. Environment International, 2017, 105, 34-42.	4.8	24

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73	Prenatal exposure to mercury and longitudinally assessed fetal growth: Relation and effect modifiers. Environmental Research, 2018, 160, 97-106.	3.7	24
74	Synergism between exposure to mercury and use of iodine supplements on thyroid hormones in pregnant women. Environmental Research, 2015, 138, 298-305.	3.7	23
75	Iodine intake in a population of pregnant women: INMA mother and child cohort study, Spain. Journal of Epidemiology and Community Health, 2010, 64, 1094-1099.	2.0	20
76	Use of high doses of folic acid supplements in pregnant women in Spain: an INMA cohort study. BMJ Open, 2015, 5, e009202.	0.8	20
77	First-trimester maternal concentrations of polyfluoroalkyl substances and fetal growth throughout pregnancy. Environment International, 2019, 130, 104830.	4.8	20
78	Association between exposure to organochlorine compounds and maternal thyroid status: Role of the iodothyronine deiodinase 1 gene. Environment International, 2017, 104, 83-90.	4.8	19
79	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
80	Urinary arsenic species and methylation efficiency during pregnancy: Concentrations and associated factors in Spanish pregnant women. Environmental Research, 2021, 196, 110889.	3.7	18
81	In utero exposure to mixtures of xenoestrogens and child neuropsychological development. Environmental Research, 2014, 134, 98-104.	3.7	16
82	Prenatal arsenic exposure, arsenic methylation efficiency, and neuropsychological development among preschool children in a Spanish birth cohort. Environmental Research, 2022, 207, 112208.	3.7	16
83	Prenatal exposure to mixtures of xenoestrogens and genome-wide DNA methylation in human placenta. Epigenomics, 2016, 8, 43-54.	1.0	15
84	Influence of prenatal exposure to environmental pollutants on human cord blood levels of glutamate. NeuroToxicology, 2014, 40, 102-110.	1.4	13
85	Time Trends in Serum Organochlorine Pesticides and Polychlorinated Biphenyls in the General Population of Biscay, Spain. Archives of Environmental Contamination and Toxicology, 2015, 68, 476-488.	2.1	13
86	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. European Journal of Nutrition, 2019, 58, 241-251.	1.8	13
87	Prenatal manganese exposure and neuropsychological development in early childhood in the INMA cohort. International Journal of Hygiene and Environmental Health, 2020, 224, 113443.	2.1	13
88	Evening salivary cortisol and alpha-amylase at 14 months and neurodevelopment at 4 years: Sex differences. Hormones and Behavior, 2017, 94, 135-144.	1.0	12
89	Social factors associated with nitrogen dioxide (NO2) exposure during pregnancy: The INMA-Valencia project in Spain. Social Science and Medicine, 2011, 72, 890-898.	1.8	11
90	Exposure to mercury among 9-year-old Spanish children: Associated factors and trend throughout childhood. Environment International, 2019, 130, 104835.	4.8	11

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91	Prenatal Se concentrations and anthropometry at birth in the INMA study (Spain). Environmental Research, 2020, 181, 108943.	3.7	11
92	Postnatal exposure to mercury and neuropsychological development among preschooler children. European Journal of Epidemiology, 2020, 35, 259-271.	2.5	10
93	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. Nutrients, 2021, 13, 327.	1.7	10
94	Prenatal manganese serum levels and neurodevelopment at 4 years of age. Environmental Research, 2021, 197, 111172.	3.7	8
95	Poverty, social exclusion, and mental health: the role of the family context in children aged 7â€“11Âyears INMA mother-and-child cohort study. European Child and Adolescent Psychiatry, 2021, , 1.	2.8	7
96	Maternal Perfluoroalkyl Substances, Thyroid Hormones, and DIO Genes: A Spanish Cross-sectional Study. Environmental Science & Technology, 2021, 55, 11144-11154.	4.6	7
97	Pre and postnatal exposure to mercury and respiratory health in preschool children from the Spanish INMA Birth Cohort Study. Science of the Total Environment, 2021, 782, 146654.	3.9	7
98	Comparison of urinary iodine levels in women of childbearing age during and after pregnancy. European Journal of Nutrition, 2018, 57, 1807-1816.	1.8	6
99	Maternal Iodine Status During Pregnancy Is Not Consistently Associated with Attention-Deficit Hyperactivity Disorder or Autistic Traits in Children. Journal of Nutrition, 2020, 150, 1516-1528.	1.3	6
100	Risk of child poverty and social exclusion in two Spanish regions: social and family determinants. Gaceta Sanitaria, 2021, 35, 216-223.	0.6	6
101	Pre and postnatal exposure to mercury and sexual development in 9-year-old children in Spain: The role of brain-derived neurotrophic factor. Environmental Research, 2022, 213, 113620.	3.7	4
102	Association of Lifestyle Factors and Neuropsychological Development of 4-Year-Old Children. International Journal of Environmental Research and Public Health, 2020, 17, 5668.	1.2	3
103	Serum metal levels in a population of Spanish pregnant women. Gaceta Sanitaria, 2022, 36, 468-476.	0.6	2
104	Response to â€œComment on Maternal Perfluoroalkyl Substances, Thyroid Hormones, and DIO Genes: A Spanish Cross-sectional Study: Predictability of Multiple Imputations for Large Amounts of Missing Dataâ€• Environmental Science & Technology, 2022, , .	4.6	2
105	Iodine and Thyroid Function During Pregnancy. Epidemiology, 2010, 21, 429.	1.2	1
106	Fish Consumption During Pregnancy, Prenatal Mercury Exposure, and Anthropometric Measures at Birth in a Prospective Mother-Infant Cohort Study in Spain. Obstetrical and Gynecological Survey, 2010, 65, 87-89.	0.2	0
107	P1-504 Dietary intake and adequacy to nutritional recommendations in pregnant women in a mediterranean area. INMA-Valencia cohort. Journal of Epidemiology and Community Health, 2011, 65, A206-A206.	2.0	0
108	Dietary intake in pregnant women in a Spanish Mediterranean area. As good as it is supposed to be? â€“ ERRATUM. Public Health Nutrition, 2013, 16, 1524-1524.	1.1	0

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109	The Impact of Outdoor NO2 Exposure on Fetal Growth Assessed by Ultrasounds During Pregnancy. Epidemiology, 2009, 20, S78.	1.2	0
110	Prenatal Exposure to Mercury, Fish Consumption During Pregnancy and Associated Factors in Four Spanish Birth Cohorts (INMA Project). Epidemiology, 2009, 20, S178-S179.	1.2	0
111	Cord Blood Toxicants and Neurodevelopment of Infants from INMA-Valencia Cohort, Spain. Epidemiology, 2009, 20, S176-S177.	1.2	0
112	Occupational determinants of continued smoking during pregnancy. INMA Valencia cohort study. Open Journal of Preventive Medicine, 2012, 02, 436-443.	0.2	0