List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A populationâ€based case–control study of risk factors for neural tube defects in four highâ€prevalence areas of Shanxi province, China. Paediatric and Perinatal Epidemiology, 2006, 20, 43-53.	1.7	104
2	Prevalence and trend of neural tube defects in five counties in Shanxi province of Northern China, 2000 to 2014. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 267-274.	1.6	91
3	Epidemiological evidence that indoor air pollution from cooking with solid fuels accelerates skin aging in Chinese women. Journal of Dermatological Science, 2015, 79, 148-154.	1.9	78
4	Folic Acid Supplementation During Early Pregnancy and the Risk of Gestational Hypertension and Preeclampsia. Hypertension, 2013, 61, 873-879.	2.7	75
5	Rare earth elements and hypertension risk among housewives: A pilot study in Shanxi Province, China. Environmental Pollution, 2017, 220, 837-842.	7.5	55
6	Association of polycyclic aromatic hydrocarbons in housewives' hair with hypertension. Chemosphere, 2016, 153, 315-321.	8.2	49
7	Incidence of infertility and risk factors of impaired fecundity among newly married couples in a Chinese population. Reproductive BioMedicine Online, 2015, 30, 92-100.	2.4	47
8	Ambient air pollution and adverse birth outcomes: a natural experiment study. Population Health Metrics, 2015, 13, 17.	2.7	45
9	Concentrations of rare earth elements in maternal serum during pregnancy and risk for fetal neural tube defects. Environment International, 2020, 137, 105542.	10.0	44
10	Periconceptional folic acid supplementation and the risk of preterm births in China: a large prospective cohort study. International Journal of Epidemiology, 2014, 43, 1132-1139.	1.9	43
11	Extrinsic skin ageing in German, Chinese and Japanese women manifests differently in all three groups depending on ethnic background, age and anatomical site. Journal of Dermatological Science, 2016, 83, 219-225.	1.9	43
12	Indoor air pollution affects hypertension risk in rural women in Northern China by interfering with the uptake of metal elements: A preliminary cross-sectional study. Environmental Pollution, 2018, 240, 267-272.	7.5	41
13	Association of maternal serum copper during early pregnancy with the risk of spontaneous preterm birth: A nested case-control study in China. Environment International, 2019, 122, 237-243.	10.0	38
14	Changes in folic acid supplementation behaviour among women of reproductive age after the implementation of a massive supplementation programme in China. Public Health Nutrition, 2015, 18, 582-588.	2.2	35
15	Essential trace elements in placental tissue and risk for fetal neural tube defects. Environment International, 2020, 139, 105688.	10.0	35
16	Impact of Periconceptional Folic Acid Supplementation on Low Birth Weight and Small-for-Gestational-Age Infants in China: A Large Prospective Cohort Study. Journal of Pediatrics, 2017, 187, 105-110.	1.8	33
17	Associations between endocrine-disrupting heavy metals in maternal hair and gestational diabetes mellitus: A nested case-control study in China. Environment International, 2021, 157, 106770.	10.0	32
18	Association of indoor air pollution from coal combustion with influenza-like illness in housewives. Environmental Pollution, 2016, 216, 646-652.	7.5	31

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19	A simultaneous analysis method of polycyclic aromatic hydrocarbons, nicotine, cotinine and metals in human hair. Environmental Pollution, 2016, 219, 66-71.	7.5	30
20	Organochlorine pesticide levels in maternal serum and risk of neural tube defects in offspring in Shanxi Province, China: A case–control study. Science of the Total Environment, 2014, 490, 1037-1043.	8.0	29
21	Markers of macromolecular oxidative damage in maternal serum and risk of neural tube defects in offspring. Free Radical Biology and Medicine, 2015, 80, 27-32.	2.9	28
22	Association between concentrations of barium and aluminum in placental tissues and risk for orofacial clefts. Science of the Total Environment, 2019, 652, 406-412.	8.0	28
23	Aberrant methylation of Pax3 gene and neural tube defects in association with exposure to polycyclic aromatic hydrocarbons. Clinical Epigenetics, 2019, 11, 13.	4.1	27
24	Micronutrient supplementation during pregnancy and the risk of pregnancy-induced hypertension: A randomized clinical trial. Clinical Nutrition, 2019, 38, 146-151.	5.0	27
25	Secondhand smoke during the periconceptional period increases the risk for orofacial clefts in offspring. Paediatric and Perinatal Epidemiology, 2018, 32, 423-427.	1.7	22
26	A pilot study on the association between rare earth elements in maternal hair and the risk of neural tube defects in north China. Environmental Pollution, 2017, 226, 89-93.	7.5	20
27	Umbilical Cord Concentrations of Selected Heavy Metals and Risk for Orofacial Clefts. Environmental Science & Technology, 2018, 52, 10787-10795.	10.0	20
28	Single and mixed effects of metallic elements in maternal serum during pregnancy on risk for fetal neural tube defects: A Bayesian kernel regression approach. Environmental Pollution, 2021, 285, 117203.	7.5	20
29	Associations between hair levels of trace elements and the risk of preterm birth among pregnant women: A prospective nested case-control study in Beijing Birth Cohort (BBC), China. Environment International, 2022, 158, 106965.	10.0	20
30	Association between titanium and silver concentrations in maternal hair and risk of neural tube defects in offspring: A case-control study in north China. Reproductive Toxicology, 2016, 66, 115-121.	2.9	19
31	Are concentrations of alkaline earth elements in maternal hair associated with risk of neural tube defects?. Science of the Total Environment, 2017, 609, 694-700.	8.0	19
32	Association between exposure of light rare earth elements and outcomes of in vitro fertilization-embryo transfer in North China. Science of the Total Environment, 2021, 762, 143106.	8.0	19
33	Concentrations of selected heavy metals in placental tissues and risk for neonatal orofacial clefts. Environmental Pollution, 2018, 242, 1652-1658.	7.5	18
34	Total mercury concentration in placental tissue, a good biomarker of prenatal mercury exposure, is associated with risk for neural tube defects in offspring. Environment International, 2021, 150, 106425.	10.0	17
35	Levels of folate receptor autoantibodies in maternal and cord blood and risk of neural tube defects in a Chinese population. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 685-695.	1.6	16
36	Association of maternal chronic arsenic exposure with the risk of neural tube defects in Northern China. Environment International, 2019, 126, 222-227.	10.0	16

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37	Maternal serum level of manganese, single nucleotide polymorphisms, and risk of spontaneous preterm birth: A nested case-control study in China. Environmental Pollution, 2020, 262, 114187.	7.5	16
38	Plasma folate levels in early to mid pregnancy after a nationâ€wide folic acid supplementation program in areas with high and low prevalence of neural tube defects in china. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 501-508.	1.6	15
39	External interference from ambient air pollution on using hair metal(loid)s for biomarker-based exposure assessment. Environment International, 2020, 137, 105584.	10.0	15
40	Simultaneous analysis of typical halogenated endocrine disrupting chemicals and metal(loid)s in human hair. Science of the Total Environment, 2020, 718, 137300.	8.0	15
41	Maternal exposure to heavy metals and risk for severe congenital heart defects in offspring. Environmental Research, 2022, 212, 113432.	7.5	15
42	Association between selected essential trace element concentrations in umbilical cord and risk for cleft lip with or without cleft palate: A case-control study. Science of the Total Environment, 2019, 661, 196-202.	8.0	14
43	Levels of polycyclic aromatic hydrocarbons in umbilical cord and risk of orofacial clefts. Science of the Total Environment, 2019, 678, 123-132.	8.0	14
44	Whole-Exome Sequencing Identifies Damaging de novo Variants in Anencephalic Cases. Frontiers in Neuroscience, 2019, 13, 1285.	2.8	14
45	Hypermethylation of WNT3A gene and non-syndromic cleft lip and/or palate in association with in utero exposure to lead: A mediation analysis. Ecotoxicology and Environmental Safety, 2021, 208, 111415.	6.0	14
46	Exposure of methyl mercury in utero and the risk of neural tube defects in a Chinese population. Reproductive Toxicology, 2016, 61, 131-135.	2.9	13
47	Recommended acceptable levels of maternal serum typical toxic metals from the perspective of spontaneous preterm birth in Shanxi Province, China. Science of the Total Environment, 2019, 686, 599-605.	8.0	13
48	Preconception Blood Pressure and Risk of Low Birth Weight and Small for Gestational Age. Hypertension, 2016, 68, 873-879.	2.7	12
49	Using nicotine in scalp hair to assess maternal passive exposure to tobacco smoke. Environmental Pollution, 2017, 222, 276-282.	7.5	12
50	Potential interference on the lipid metabolisms by serum copper in a women population: A repeated measurement study. Science of the Total Environment, 2021, 760, 143375.	8.0	12
51	Prenatal exposure to organochlorine pesticides is associated with increased risk for neural tube defects. Science of the Total Environment, 2021, 770, 145284.	8.0	12
52	Passive smoking and influenza-like illness in housewives: A perspective of gene susceptibility. Chemosphere, 2017, 176, 67-73.	8.2	11
53	An efficient method to simultaneously analyze multi-class organic pollutants in human serum. Environmental Pollution, 2019, 251, 400-406.	7.5	11
54	Levels of uranium and thorium in maternal scalp hair and risk of orofacial clefts in offspring. Journal of Environmental Radioactivity, 2019, 204, 125-131.	1.7	11

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55	Higher concentration of selenium in placental tissues is associated with reduced risk for orofacial clefts. Clinical Nutrition, 2019, 38, 2442-2448.	5.0	11
56	Prenatal exposure to barium and the occurrence of neural tube defects in offspring. Science of the Total Environment, 2021, 764, 144245.	8.0	11
57	Effects of Prenatal Micronutrient Supplementation on Spontaneous Preterm Birth: A Double-Blind Randomized Controlled Trial in China. American Journal of Epidemiology, 2017, 186, 318-325.	3.4	10
58	Uranium concentration in umbilical cord may increase the risk for orofacial clefts. Environmental Research, 2020, 182, 109103.	7.5	10
59	Associations of maternal exposure to 41 metals/metalloids during early pregnancy with the risk of spontaneous preterm birth: Does oxidative stress or DNA methylation play a crucial role?. Environment International, 2022, 158, 106966.	10.0	10
60	Plasma folate levels and associated factors in women planning to become pregnant in a population with high prevalence of neural tube defects. Birth Defects Research, 2017, 109, 1039-1047.	1.5	9
61	Selected essential trace elements in maternal serum and risk for fetal orofacial clefts. Science of the Total Environment, 2020, 712, 136542.	8.0	9
62	Environmental titanium exposure and reproductive health: Risk of low birth weight associated with maternal titanium exposure from a nested case-control study in northern China. Ecotoxicology and Environmental Safety, 2021, 208, 111632.	6.0	9
63	Cigarette smoke induced neural tube defects by downâ€regulating noggin expression. Birth Defects Research, 2021, 113, 5-13.	1.5	8
64	Alkaline-earth elements of scalp hair and presence of hypertension in housewives: A perspective of chronic effect. Chemosphere, 2017, 181, 134-141.	8.2	7
65	Neural Tube Defects and ZIC4 Hypomethylation in Relation to Polycyclic Aromatic Hydrocarbon Exposure. Frontiers in Cell and Developmental Biology, 2020, 8, 582661.	3.7	7
66	Environmental complex exposure and the risk of influenza-like illness among housewives: A case study in Shanxi Province, China. Ecotoxicology and Environmental Safety, 2020, 194, 110405.	6.0	7
67	Risk of dietary intake of organochlorine pesticides among the childbearing-age women: A multiple follow-up study in North China. Ecotoxicology and Environmental Safety, 2021, 224, 112607.	6.0	7
68	Early pregnancy loss: Do Per- and polyfluoroalkyl substances matter?. Environment International, 2021, 157, 106837.	10.0	7
69	Selected Structural Birth Defects — Shanxi Province, China, 2000â^2019. China CDC Weekly, 2020, 2, 718-722.	2.3	7
70	Poor sleep during the periconceptional period increases risk for neural tube defects in offspring. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 780-786.	1.6	6
71	Impact of gestational hypertension and preeclampsia on fetal gender: A large prospective cohort study in China. Pregnancy Hypertension, 2019, 18, 132-136.	1.4	6
72	Essential trace elements in umbilical cord tissue and risk for neural tube defects. Reproductive Toxicology, 2020, 98, 149-156.	2.9	6

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73	No obviously adverse pregnancy complications and outcomes of the recovered pregnant women from COVID-19. Reproductive Toxicology, 2021, 100, 163-166.	2.9	6
74	Internal metal(loid)s are potentially involved in the association between ambient fine particulate matter and blood pressure: A repeated-measurement study in north China. Chemosphere, 2021, 267, 129146.	8.2	6
75	High concentrations of aluminum in maternal serum and placental tissue are associated with increased risk for fetal neural tube defects. Chemosphere, 2021, 284, 131387.	8.2	6
76	Tea consumption is not associated with reduced plasma folate concentration among chinese pregnant women. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 747-753.	1.6	5
77	Determination of organochlorine pesticides in human umbilical cord and association with orofacial clefts in offspring. Chemosphere, 2021, 266, 129188.	8.2	4
78	Current Trends in Percutaneous Nephrolithotomy in China: A Spot Survey. Risk Management and Healthcare Policy, 2021, Volume 14, 2507-2515.	2.5	4
79	Prenatal uranium exposure and risk for fetal neural tube defects: A case-control study in women living in a rural area of northern China. Journal of Hazardous Materials, 2022, 424, 127466.	12.4	4
80	Preconception Hemoglobin Concentration and Risk of Low Birth Weight and Small-for-Gestational-Age: A Large Prospective Cohort Study in China. Nutrients, 2022, 14, 271.	4.1	4
81	Alkali and alkaline earth elements in maternal serum and occurrence of orofacial clefts in offspring. Reproductive Toxicology, 2022, 110, 97-104.	2.9	4
82	The impact of self-reported preconception body mass index on gestational abnormal glucose tolerance in a Chinese center. Journal of Diabetes and Its Complications, 2018, 32, 951-954.	2.3	3
83	Potential effect of germanium exposure on the risk of influenza-like illness in housewives in Shanxi Province, China. Science of the Total Environment, 2019, 682, 208-212.	8.0	3
84	Association between selected alkaline earth elements concentrations in umbilical cord and risk for cleft lip with or without cleft palate. Science of the Total Environment, 2021, 750, 141735.	8.0	3
85	Effects of prenatal micronutrients supplementation timing on pregnancyâ€induced hypertension: Secondary analysis of a doubleâ€blind randomized controlled trial. Maternal and Child Nutrition, 2021, 17, e13157.	3.0	3
86	Distribution of mercury in serum and blood cells and risk of spontaneous preterm birth: A nested case–control study in China. Ecotoxicology and Environmental Safety, 2021, 217, 112228.	6.0	3
87	Serum zinc concentration and risk of adverse outcomes to in vitro fertilization and embryo transfer: A prospective cohort study in northern China. Science of the Total Environment, 2021, 792, 148405.	8.0	3
88	Associations between blood heavy metal(loid)s and serum heme oxygenase-1 in pregnant women: Do their distribution patterns matter?. Environmental Pollution, 2021, 286, 117249.	7.5	3
89	Placental concentrations of alkali metals and their associations with neural tube defects in offspring. Placenta, 2022, 121, 46-52.	1.5	3
90	Passive Smoking and Risk of Gestational Diabetes Mellitus among Nonsmoking Women: A Prospective Cohort Study in China. International Journal of Environmental Research and Public Health, 2022, 19, 4712.	2.6	3

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91	Arsenic Exposure, Periconceptional Folic Acid Supplementation, and the Risk for Neural Tube Defects: A Case–Control Study. Exposure and Health, 2023, 15, 245-254.	4.9	3
92	Concentrations of organochlorine pesticides in placental tissue are not associated with risk for fetal orofacial clefts. Reproductive Toxicology, 2020, 98, 99-106.	2.9	2
93	Effects of household cooking with clean energy on the risk for hypertension among women in Beijing. Chemosphere, 2022, 289, 133151.	8.2	2
94	Association of Infants Small for Gestational Age with Anemia under Five Years Old in Two Large Longitudinal Chinese Birth Cohorts. Nutrients, 2022, 14, 1006.	4.1	2
95	Selenium protects against the likelihood of fetal neural tube defects partly via the arginine metabolic pathway. Clinical Nutrition, 2022, 41, 838-846.	5.0	2
96	Enrichment of boron element in follicular fluid and its potential effect on the immune function. Environmental Pollution, 2022, 304, 119147.	7.5	2
97	Association between gestational weight gain and exclusive breast-feeding for the first 6 months postpartum in Chinese women. Public Health Nutrition, 2019, 22, 2092-2098.	2.2	1
98	Association of Gestational Hypertension with Anemia under 5 Years Old: Two Large Longitudinal Chinese Birth Cohorts. Nutrients, 2022, 14, 1621.	4.1	0
99	Association of Preconception Blood Pressure with the Risk of Anemia in Children under Five Years of Age: A Large Longitudinal Chinese Birth Cohort. Nutrients, 2022, 14, 2640.	4.1	0
100	Passive Smoking Is Associated with Multiple Heavy Metal Concentrations among Housewives in Shanxi Province, China. International Journal of Environmental Research and Public Health, 2022, 19, 8606.	2.6	0