

Zhiwen Li

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

1,786
citations

279778

23
h-index

361001

35
g-index

103
all docs

103
docs citations

103
times ranked

1980
citing authors

#	ARTICLE	IF	CITATIONS
1	A population-based case-control study of risk factors for neural tube defects in four high-prevalence areas of Shanxi province, China. <i>Paediatric and Perinatal Epidemiology</i> , 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. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 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. <i>Journal of Dermatological Science</i> , 2015, 79, 148-154.	1.9	78
4	Folic Acid Supplementation During Early Pregnancy and the Risk of Gestational Hypertension and Preeclampsia. <i>Hypertension</i> , 2013, 61, 873-879.	2.7	75
5	Rare earth elements and hypertension risk among housewives: A pilot study in Shanxi Province, China. <i>Environmental Pollution</i> , 2017, 220, 837-842.	7.5	55
6	Association of polycyclic aromatic hydrocarbons in housewives' hair with hypertension. <i>Chemosphere</i> , 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. <i>Reproductive BioMedicine Online</i> , 2015, 30, 92-100.	2.4	47
8	Ambient air pollution and adverse birth outcomes: a natural experiment study. <i>Population Health Metrics</i> , 2015, 13, 17.	2.7	45
9	Concentrations of rare earth elements in maternal serum during pregnancy and risk for fetal neural tube defects. <i>Environment International</i> , 2020, 137, 105542.	10.0	44
10	Periconceptional folic acid supplementation and the risk of preterm births in China: a large prospective cohort study. <i>International Journal of Epidemiology</i> , 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. <i>Journal of Dermatological Science</i> , 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. <i>Environmental Pollution</i> , 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. <i>Environment International</i> , 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. <i>Public Health Nutrition</i> , 2015, 18, 582-588.	2.2	35
15	Essential trace elements in placental tissue and risk for fetal neural tube defects. <i>Environment International</i> , 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. <i>Journal of Pediatrics</i> , 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. <i>Environment International</i> , 2021, 157, 106770.	10.0	32
18	Association of indoor air pollution from coal combustion with influenza-like illness in housewives. <i>Environmental Pollution</i> , 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. <i>Environmental Pollution</i> , 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. <i>Science of the Total Environment</i> , 2014, 490, 1037-1043.	8.0	29
21	Markers of macromolecular oxidative damage in maternal serum and risk of neural tube defects in offspring. <i>Free Radical Biology and Medicine</i> , 2015, 80, 27-32.	2.9	28
22	Association between concentrations of barium and aluminum in placental tissues and risk for orofacial clefts. <i>Science of the Total Environment</i> , 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. <i>Clinical Epigenetics</i> , 2019, 11, 13.	4.1	27
24	Micronutrient supplementation during pregnancy and the risk of pregnancy-induced hypertension: A randomized clinical trial. <i>Clinical Nutrition</i> , 2019, 38, 146-151.	5.0	27
25	Secondhand smoke during the periconceptual period increases the risk for orofacial clefts in offspring. <i>Paediatric and Perinatal Epidemiology</i> , 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. <i>Environmental Pollution</i> , 2017, 226, 89-93.	7.5	20
27	Umbilical Cord Concentrations of Selected Heavy Metals and Risk for Orofacial Clefts. <i>Environmental Science & Technology</i> , 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. <i>Environmental Pollution</i> , 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. <i>Environment International</i> , 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. <i>Reproductive Toxicology</i> , 2016, 66, 115-121.	2.9	19
31	Are concentrations of alkaline earth elements in maternal hair associated with risk of neural tube defects?. <i>Science of the Total Environment</i> , 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. <i>Science of the Total Environment</i> , 2021, 762, 143106.	8.0	19
33	Concentrations of selected heavy metals in placental tissues and risk for neonatal orofacial clefts. <i>Environmental Pollution</i> , 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. <i>Environment International</i> , 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. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2016, 106, 685-695.	1.6	16
36	Association of maternal chronic arsenic exposure with the risk of neural tube defects in Northern China. <i>Environment International</i> , 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. <i>Environmental Pollution</i> , 2020, 262, 114187.	7.5	16
38	Plasma folate levels in early to mid pregnancy after a nationwide folic acid supplementation program in areas with high and low prevalence of neural tube defects in china. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 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. <i>Environment International</i> , 2020, 137, 105584.	10.0	15
40	Simultaneous analysis of typical halogenated endocrine disrupting chemicals and metal(loid)s in human hair. <i>Science of the Total Environment</i> , 2020, 718, 137300.	8.0	15
41	Maternal exposure to heavy metals and risk for severe congenital heart defects in offspring. <i>Environmental Research</i> , 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. <i>Science of the Total Environment</i> , 2019, 661, 196-202.	8.0	14
43	Levels of polycyclic aromatic hydrocarbons in umbilical cord and risk of orofacial clefts. <i>Science of the Total Environment</i> , 2019, 678, 123-132.	8.0	14
44	Whole-Exome Sequencing Identifies Damaging de novo Variants in Anencephalic Cases. <i>Frontiers in Neuroscience</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111415.	6.0	14
46	Exposure of methyl mercury in utero and the risk of neural tube defects in a Chinese population. <i>Reproductive Toxicology</i> , 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. <i>Science of the Total Environment</i> , 2019, 686, 599-605.	8.0	13
48	Preconception Blood Pressure and Risk of Low Birth Weight and Small for Gestational Age. <i>Hypertension</i> , 2016, 68, 873-879.	2.7	12
49	Using nicotine in scalp hair to assess maternal passive exposure to tobacco smoke. <i>Environmental Pollution</i> , 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. <i>Science of the Total Environment</i> , 2021, 760, 143375.	8.0	12
51	Prenatal exposure to organochlorine pesticides is associated with increased risk for neural tube defects. <i>Science of the Total Environment</i> , 2021, 770, 145284.	8.0	12
52	Passive smoking and influenza-like illness in housewives: A perspective of gene susceptibility. <i>Chemosphere</i> , 2017, 176, 67-73.	8.2	11
53	An efficient method to simultaneously analyze multi-class organic pollutants in human serum. <i>Environmental Pollution</i> , 2019, 251, 400-406.	7.5	11
54	Levels of uranium and thorium in maternal scalp hair and risk of orofacial clefts in offspring. <i>Journal of Environmental Radioactivity</i> , 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. <i>Clinical Nutrition</i> , 2019, 38, 2442-2448.	5.0	11
56	Prenatal exposure to barium and the occurrence of neural tube defects in offspring. <i>Science of the Total Environment</i> , 2021, 764, 144245.	8.0	11
57	Effects of Prenatal Micronutrient Supplementation on Spontaneous Preterm Birth: A Double-Blind Randomized Controlled Trial in China. <i>American Journal of Epidemiology</i> , 2017, 186, 318-325.	3.4	10
58	Uranium concentration in umbilical cord may increase the risk for orofacial clefts. <i>Environmental Research</i> , 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?. <i>Environment International</i> , 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. <i>Birth Defects Research</i> , 2017, 109, 1039-1047.	1.5	9
61	Selected essential trace elements in maternal serum and risk for fetal orofacial clefts. <i>Science of the Total Environment</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111632.	6.0	9
63	Cigarette smoke induced neural tube defects by down-regulating noggin expression. <i>Birth Defects Research</i> , 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. <i>Chemosphere</i> , 2017, 181, 134-141.	8.2	7
65	Neural Tube Defects and ZIC4 Hypomethylation in Relation to Polycyclic Aromatic Hydrocarbon Exposure. <i>Frontiers in Cell and Developmental Biology</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112607.	6.0	7
68	Early pregnancy loss: Do Per- and polyfluoroalkyl substances matter?. <i>Environment International</i> , 2021, 157, 106837.	10.0	7
69	Selected Structural Birth Defects in Shanxi Province, China, 2000~2019. <i>China CDC Weekly</i> , 2020, 2, 718-722.	2.3	7
70	Poor sleep during the periconceptional period increases risk for neural tube defects in offspring. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 780-786.	1.6	6
71	Impact of gestational hypertension and preeclampsia on fetal gender: A large prospective cohort study in China. <i>Pregnancy Hypertension</i> , 2019, 18, 132-136.	1.4	6
72	Essential trace elements in umbilical cord tissue and risk for neural tube defects. <i>Reproductive Toxicology</i> , 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. <i>Reproductive Toxicology</i> , 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. <i>Chemosphere</i> , 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. <i>Chemosphere</i> , 2021, 284, 131387.	8.2	6
76	Tea consumption is not associated with reduced plasma folate concentration among chinese pregnant women. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 747-753.	1.6	5
77	Determination of organochlorine pesticides in human umbilical cord and association with orofacial clefts in offspring. <i>Chemosphere</i> , 2021, 266, 129188.	8.2	4
78	Current Trends in Percutaneous Nephrolithotomy in China: A Spot Survey. <i>Risk Management and Healthcare Policy</i> , 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. <i>Journal of Hazardous Materials</i> , 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. <i>Nutrients</i> , 2022, 14, 271.	4.1	4
81	Alkali and alkaline earth elements in maternal serum and occurrence of orofacial clefts in offspring. <i>Reproductive Toxicology</i> , 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. <i>Journal of Diabetes and Its Complications</i> , 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. <i>Science of the Total Environment</i> , 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. <i>Science of the Total Environment</i> , 2021, 750, 141735.	8.0	3
85	Effects of prenatal micronutrients supplementation timing on pregnancy-induced hypertension: Secondary analysis of a double-blind randomized controlled trial. <i>Maternal and Child Nutrition</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 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. <i>Science of the Total Environment</i> , 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?. <i>Environmental Pollution</i> , 2021, 286, 117249.	7.5	3
89	Placental concentrations of alkali metals and their associations with neural tube defects in offspring. <i>Placenta</i> , 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. <i>International Journal of Environmental Research and Public Health</i> , 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. <i>Exposure and Health</i> , 2023, 15, 245-254.	4.9	3
92	Concentrations of organochlorine pesticides in placental tissue are not associated with risk for fetal orofacial clefts. <i>Reproductive Toxicology</i> , 2020, 98, 99-106.	2.9	2
93	Effects of household cooking with clean energy on the risk for hypertension among women in Beijing. <i>Chemosphere</i> , 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. <i>Nutrients</i> , 2022, 14, 1006.	4.1	2
95	Selenium protects against the likelihood of fetal neural tube defects partly via the arginine metabolic pathway. <i>Clinical Nutrition</i> , 2022, 41, 838-846.	5.0	2
96	Enrichment of boron element in follicular fluid and its potential effect on the immune function. <i>Environmental Pollution</i> , 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. <i>Public Health Nutrition</i> , 2019, 22, 2092-2098.	2.2	1
98	Association of Gestational Hypertension with Anemia under 5 Years Old: Two Large Longitudinal Chinese Birth Cohorts. <i>Nutrients</i> , 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. <i>Nutrients</i> , 2022, 14, 2640.	4.1	0
100	Passive Smoking Is Associated with Multiple Heavy Metal Concentrations among Housewives in Shanxi Province, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8606.	2.6	0