

Linlin Wang

List of Publications by Year in descending order

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74
papers

1,011
citations

471371

17
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610775

24
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times ranked

1138
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#	ARTICLE	IF	CITATIONS
1	Oxidative Stress and Apoptosis in Benzo[a]pyrene-Induced Neural Tube Defects. <i>Free Radical Biology and Medicine</i> , 2018, 116, 149-158.	1.3	68
2	Concentrations of rare earth elements in maternal serum during pregnancy and risk for fetal neural tube defects. <i>Environment International</i> , 2020, 137, 105542.	4.8	44
3	Digenic variants of planar cell polarity genes in human neural tube defect patients. <i>Molecular Genetics and Metabolism</i> , 2018, 124, 94-100.	0.5	40
4	Essential trace elements in placental tissue and risk for fetal neural tube defects. <i>Environment International</i> , 2020, 139, 105688.	4.8	35
5	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.	1.3	28
6	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.	3.9	28
7	Aberrant methylation of Pax3 gene and neural tube defects in association with exposure to polycyclic aromatic hydrocarbons. <i>Clinical Epigenetics</i> , 2019, 11, 13.	1.8	27
8	Fetal DNA hypermethylation in tight junction pathway is associated with neural tube defects: A genome-wide DNA methylation analysis. <i>Epigenetics</i> , 2017, 12, 157-165.	1.3	26
9	Apoptosis, Expression of PAX3 and P53, and Caspase Signal in Fetuses with Neural Tube Defects. <i>Birth Defects Research</i> , 2017, 109, 1596-1604.	0.8	26
10	Levels of PAHâ€“DNA adducts in placental tissue and the risk of fetal neural tube defects in a Chinese population. <i>Reproductive Toxicology</i> , 2013, 37, 70-75.	1.3	25
11	Low-dose B vitamins supplementation ameliorates cardiovascular risk: a double-blind randomized controlled trial in healthy Chinese elderly. <i>European Journal of Nutrition</i> , 2015, 54, 455-464.	1.8	24
12	Secondhand smoke during the periconceptional period increases the risk for orofacial clefts in offspring. <i>Paediatric and Perinatal Epidemiology</i> , 2018, 32, 423-427.	0.8	22
13	Decreased global DNA hydroxymethylation in neural tube defects: Association with polycyclic aromatic hydrocarbons. <i>Epigenetics</i> , 2019, 14, 1019-1029.	1.3	21
14	Somatic mutations in planar cell polarity genes in neural tissue from human fetuses with neural tube defects. <i>Human Genetics</i> , 2020, 139, 1299-1314.	1.8	21
15	Indoor Air Pollution and Neural Tube Defects. <i>Epidemiology</i> , 2014, 25, 658-665.	1.2	20
16	Hypomethylation of <i>GRHL3</i> gene is associated with the occurrence of neural tube defects. <i>Epigenomics</i> , 2018, 10, 891-901.	1.0	20
17	Umbilical Cord Concentrations of Selected Heavy Metals and Risk for Orofacial Clefts. <i>Environmental Science & Technology</i> , 2018, 52, 10787-10795.	4.6	20
18	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.	3.7	20

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19	Maternal hypertension, preeclampsia, and risk of neonatal respiratory disorders in a large-prospective cohort study. <i>Pregnancy Hypertension</i> , 2020, 19, 131-137.	0.6	19
20	Concentrations of selected heavy metals in placental tissues and risk for neonatal orofacial clefts. <i>Environmental Pollution</i> , 2018, 242, 1652-1658.	3.7	18
21	Organochlorine pesticides exposure may disturb homocysteine metabolism in pregnant women. <i>Science of the Total Environment</i> , 2020, 708, 135146.	3.9	18
22	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.	4.8	17
23	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
24	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
25	Effects of vitamin D supplementation during pregnancy on neonatal vitamin D and calcium concentrations: a systematic review and meta-analysis. <i>Nutrition Research</i> , 2015, 35, 547-556.	1.3	15
26	Maternal exposure to heavy metals and risk for severe congenital heart defects in offspring. <i>Environmental Research</i> , 2022, 212, 113432.	3.7	15
27	Prevalence and trend of isolated and complicated congenital hydrocephalus and preventive effect of folic acid in northern China, 2005–2015. <i>Metabolic Brain Disease</i> , 2018, 33, 837-842.	1.4	14
28	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.	3.9	14
29	Casp8 hypomethylation and neural tube defects in association with polycyclic aromatic hydrocarbon exposure. <i>Clinical Epigenetics</i> , 2019, 11, 72.	1.8	14
30	Levels of polycyclic aromatic hydrocarbons in umbilical cord and risk of orofacial clefts. <i>Science of the Total Environment</i> , 2019, 678, 123-132.	3.9	14
31	Whole-Exome Sequencing Identifies Damaging de novo Variants in Anencephalic Cases. <i>Frontiers in Neuroscience</i> , 2019, 13, 1285.	1.4	14
32	Rare earth elements in umbilical cord and risk for orofacial clefts. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111284.	2.9	14
33	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.	2.9	14
34	Gestational Weight Gain Charts by Gestational Age and Body Mass Index for Chinese Women: A Population-Based Follow-up Study. <i>Journal of Epidemiology</i> , 2020, 30, 345-353.	1.1	13
35	Folate of pregnant women after a nationwide folic acid supplementation in China. <i>Maternal and Child Nutrition</i> , 2019, 15, e12828.	1.4	12
36	Prenatal exposure to organochlorine pesticides is associated with increased risk for neural tube defects. <i>Science of the Total Environment</i> , 2021, 770, 145284.	3.9	12

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37	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.	0.9	11
38	Higher concentration of selenium in placental tissues is associated with reduced risk for orofacial clefts. <i>Clinical Nutrition</i> , 2019, 38, 2442-2448.	2.3	11
39	Hypermethylation of PI3K-AKT signalling pathway genes is associated with human neural tube defects. <i>Epigenetics</i> , 2022, 17, 133-146.	1.3	11
40	Prenatal exposure to barium and the occurrence of neural tube defects in offspring. <i>Science of the Total Environment</i> , 2021, 764, 144245.	3.9	11
41	Gene variants in the folate pathway are associated with increased levels of folate receptor autoantibodies. <i>Birth Defects Research</i> , 2018, 110, 973-981.	0.8	10
42	Uranium concentration in umbilical cord may increase the risk for orofacial clefts. <i>Environmental Research</i> , 2020, 182, 109103.	3.7	10
43	Dietary folate intake levels in rural women immediately before pregnancy in Northern China. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 27-36.	1.6	9
44	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.	0.8	9
45	Maternal periconceptional consumption of sprouted potato and risks of neural tube defects and orofacial clefts. <i>Nutrition Journal</i> , 2018, 17, 112.	1.5	9
46	Selected essential trace elements in maternal serum and risk for fetal orofacial clefts. <i>Science of the Total Environment</i> , 2020, 712, 136542.	3.9	9
47	Associations between prenatal exposure to cadmium and lead with neural tube defect risks are modified by single-nucleotide polymorphisms of fetal MTHFR and SOD2: a case-control study. <i>Environmental Health</i> , 2021, 20, 66.	1.7	9
48	Gestational hypertension and pre-eclampsia and risk of spontaneous premature rupture of membranes: A population-based cohort study. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 147, 195-201.	1.0	8
49	Maternal hypertensive disorders in pregnancy and risk of hypoxic-ischemia encephalopathy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 1754-1762.	0.7	8
50	Somatic and de novo Germline Variants of MEDs in Human Neural Tube Defects. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641831.	1.8	8
51	Neural Tube Defects and ZIC4 Hypomethylation in Relation to Polycyclic Aromatic Hydrocarbon Exposure. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 582661.	1.8	7
52	Rare copy number variations of planar cell polarity genes are associated with human neural tube defects. <i>Neurogenetics</i> , 2020, 21, 217-225.	0.7	7
53	Selected Structural Birth Defects in Shanxi Province, China, 2000-2019. <i>China CDC Weekly</i> , 2020, 2, 718-722.	1.0	7
54	Genetic variants in GRHL3 and risk for neural tube defects: A case-control and case-parent triad/control study. <i>Birth Defects Research</i> , 2019, 111, 1468-1478.	0.8	6

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55	Essential trace elements in umbilical cord tissue and risk for neural tube defects. <i>Reproductive Toxicology</i> , 2020, 98, 149-156.	1.3	6
56	Impact of maternal nutrition during early pregnancy and diet during lactation on lactoferrin in mature milk. <i>Nutrition</i> , 2021, 93, 111500.	1.1	6
57	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.	4.2	6
58	Maternal genetic polymorphisms of phase II metabolic enzymes and the risk of fetal neural tube defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 13-21.	1.6	5
59	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
60	Effect of Carbohydrate-Restricted Dietary Pattern on Insulin Treatment Rate, Lipid Metabolism and Nutritional Status in Pregnant Women with Gestational Diabetes in Beijing, China. <i>Nutrients</i> , 2022, 14, 359.	1.7	5
61	FKBP8 variants are risk factors for spina bifida. <i>Human Molecular Genetics</i> , 2020, 29, 3132-3144.	1.4	4
62	Determination of organochlorine pesticides in human umbilical cord and association with orofacial clefts in offspring. <i>Chemosphere</i> , 2021, 266, 129188.	4.2	4
63	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.	6.5	4
64	Alkali and alkaline earth elements in maternal serum and occurrence of orofacial clefts in offspring. <i>Reproductive Toxicology</i> , 2022, 110, 97-104.	1.3	4
65	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.	3.9	3
66	Placental concentrations of alkali metals and their associations with neural tube defects in offspring. <i>Placenta</i> , 2022, 121, 46-52.	0.7	3
67	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.	2.8	3
68	Concentrations of organochlorine pesticides in placental tissue are not associated with risk for fetal orofacial clefts. <i>Reproductive Toxicology</i> , 2020, 98, 99-106.	1.3	2
69	Orofacial Clefts in High Prevalence Area of Birth Defects – Five Counties, Shanxi Province, China, 2000–2020. <i>China CDC Weekly</i> , 2021, 3, 773-777.	1.0	2
70	Selenium protects against the likelihood of fetal neural tube defects partly via the arginine metabolic pathway. <i>Clinical Nutrition</i> , 2022, 41, 838-846.	2.3	2
71	Elevated concentrations of chromium in maternal serum, umbilical cord serum, and cord tissue are associated with an increased risk for orofacial clefts. <i>Environmental Research</i> , 2022, 214, 113799.	3.7	1
72	Linking apoptosis and caspases in fetal neural tube defects. , 2021, , 73-82.		0

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73	Docosahexaenoic Acid Status of Pregnant and Lactating Women in Coastland, Lakeland and Inland of China. FASEB Journal, 2015, 29, 401.4.	0.2	0
74	A High Concentration of Polycyclic Aromatic Hydrocarbons in Umbilical Cord Tissue is Associated with an Increased Risk for Fetal Neural Tube Defects. Exposure and Health, 0, , 1.	2.8	0