

Xijin Xu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104
papers

4,375
citations

39
h-index

62
g-index

107
ext. papers

5,128
ext. citations

7.7
avg, IF

5.7
L-index

#	Paper	IF	Citations
104	Pb and Cd exposure linked with IL-10 and IL-13 gene polymorphisms in asthma risk relevant immunomodulation in children.. <i>Chemosphere</i> , 2022 , 133656	8.4	1
103	Metabolomics insights into the prenatal exposure effects of polybrominated diphenyl ethers on neonatal birth outcomes.. <i>Science of the Total Environment</i> , 2022 , 155601	10.2	0
102	Combined toxicity of air pollutants related to e-waste on inflammatory cytokines linked with neurotransmitters and pediatric behavioral problems. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 239, 113657	7	
101	Environmental contamination and public health effects of electronic waste: an overview. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 1209-1227	2.9	3
100	Elevated lead levels in relation to low serum neuropeptide Y and adverse behavioral effects in preschool children with e-waste exposure. <i>Chemosphere</i> , 2021 , 269, 129380	8.4	9
99	Lead (Pb) exposure and heart failure risk. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 28833-28847	3.8	13
98	E-waste polycyclic aromatic hydrocarbon (PAH) exposure leads to child gut-mucosal inflammation and adaptive immune response. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 53267-53281	5.1	0
97	Relations of blood lead levels to echocardiographic left ventricular structure and function in preschool children. <i>Chemosphere</i> , 2021 , 268, 128793	8.4	6
96	High serum IgG subclass concentrations in children with e-waste Pb and Cd exposure. <i>Science of the Total Environment</i> , 2021 , 764, 142806	10.2	5
95	Increased intestinal permeability with elevated peripheral blood endotoxin and inflammatory indices for e-waste lead exposure in children. <i>Chemosphere</i> , 2021 , 279, 130862	8.4	3
94	E-waste lead exposure and children's health in China. <i>Science of the Total Environment</i> , 2020 , 734, 139286	10.2	30
93	Exposure to multiple heavy metals associate with aberrant immune homeostasis and inflammatory activation in preschool children. <i>Chemosphere</i> , 2020 , 257, 127257	8.4	21
92	Antioxidant alterations link polycyclic aromatic hydrocarbons to blood pressure in children. <i>Science of the Total Environment</i> , 2020 , 732, 138944	10.2	9
91	Early-life exposure to widespread environmental toxicants and maternal-fetal health risk: A focus on metabolomic biomarkers. <i>Science of the Total Environment</i> , 2020 , 739, 139626	10.2	11
90	PM-bound PAHs exposure linked with low plasma insulin-like growth factor 1 levels and reduced child height. <i>Environment International</i> , 2020 , 138, 105660	12.9	15
89	Oral antimicrobial activity weakened in children with electronic waste lead exposure. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 14763-14770	5.1	2
88	Birth outcomes associated with maternal exposure to metals from informal electronic waste recycling in Guiyu, China. <i>Environment International</i> , 2020 , 137, 105580	12.9	24

87	Severe dioxin-like compound (DLC) contamination in e-waste recycling areas: An under-recognized threat to local health. <i>Environment International</i> , 2020 , 139, 105731	12.9	25
86	Hearing loss risk and DNA methylation signatures in preschool children following lead and cadmium exposure from an electronic waste recycling area. <i>Chemosphere</i> , 2020 , 246, 125829	8.4	20
85	PAH exposure is associated with enhanced risk for pediatric dyslipidemia through serum SOD reduction. <i>Environment International</i> , 2020 , 145, 106132	12.9	10
84	Elevated expression of AhR and NLRP3 link polycyclic aromatic hydrocarbon exposure to cytokine storm in preschool children. <i>Environment International</i> , 2020 , 139, 105720	12.9	14
83	Association of prenatal exposure to PAHs with anti-Müllerian hormone (AMH) levels and birth outcomes of newborns. <i>Science of the Total Environment</i> , 2020 , 723, 138009	10.2	17
82	Differential DNA methylation in newborns with maternal exposure to heavy metals from an e-waste recycling area. <i>Environmental Research</i> , 2019 , 171, 536-545	7.9	30
81	Elevated lead levels from e-waste exposure are linked to sensory integration difficulties in preschool children. <i>NeuroToxicology</i> , 2019 , 71, 150-158	4.4	19
80	The association of PM with airway innate antimicrobial activities of salivary agglutinin and surfactant protein D. <i>Chemosphere</i> , 2019 , 226, 915-923	8.4	9
79	Decreased erythrocyte CD44 and CD58 expression link e-waste Pb toxicity to changes in erythrocyte immunity in preschool children. <i>Science of the Total Environment</i> , 2019 , 664, 690-697	10.2	17
78	Metal concentrations in pregnant women and neonates from informal electronic waste recycling. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019 , 29, 406-415	6.7	24
77	Alterations in platelet indices link polycyclic aromatic hydrocarbons toxicity to low-grade inflammation in preschool children. <i>Environment International</i> , 2019 , 131, 105043	12.9	21
76	MicroRNAs and their role in environmental chemical carcinogenesis. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 225-247	4.7	28
75	Air pollution and body burden of persistent organic pollutants at an electronic waste recycling area of China. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 93-123	4.7	10
74	Blood lead and cadmium levels associated with hematological and hepatic functions in patients from an e-waste-polluted area. <i>Chemosphere</i> , 2019 , 220, 531-538	8.4	26
73	Cardiovascular endothelial inflammation by chronic coexposure to lead (Pb) and polycyclic aromatic hydrocarbons from preschool children in an e-waste recycling area. <i>Environmental Pollution</i> , 2019 , 246, 587-596	9.3	43
72	Maternal urinary metabolites of PAHs and its association with adverse birth outcomes in an intensive e-waste recycling area. <i>Environmental Pollution</i> , 2019 , 245, 453-461	9.3	32
71	Genome-wide interaction study of gene-by-occupational exposures on respiratory symptoms. <i>Environment International</i> , 2019 , 122, 263-269	12.9	10
70	Ambient fine particulate matter inhibits innate airway antimicrobial activity in preschool children in e-waste areas. <i>Environment International</i> , 2019 , 123, 535-542	12.9	30

69	Interactions between polycyclic aromatic hydrocarbons and epoxide hydrolase 1 play roles in asthma. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 191-210	4-7	7
68	Heavy metal exposure has adverse effects on the growth and development of preschool children. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 309-321	4-7	44
67	Connecting gastrointestinal cancer risk to cadmium and lead exposure in the Chaoshan population of Southeast China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 17611-17619	5-1	12
66	Hearing loss in children with e-waste lead and cadmium exposure. <i>Science of the Total Environment</i> , 2018 , 624, 621-627	10.2	42
65	Elevated inflammatory Lp-PLA2 and IL-6 link e-waste Pb toxicity to cardiovascular risk factors in preschool children. <i>Environmental Pollution</i> , 2018 , 234, 601-609	9-3	42
64	Elevated biomarkers of sympatho-adrenomedullary activity linked to e-waste air pollutant exposure in preschool children. <i>Environment International</i> , 2018 , 115, 117-126	12.9	25
63	Blood concentrations of lead, cadmium, mercury and their association with biomarkers of DNA oxidative damage in preschool children living in an e-waste recycling area. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 1481-1494	4-7	39
62	Lead exposure is associated with risk of impaired coagulation in preschool children from an e-waste recycling area. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 20670-20679	5-1	15
61	Proteomic evaluation of human umbilical cord tissue exposed to polybrominated diphenyl ethers in an e-waste recycling area. <i>Environment International</i> , 2018 , 111, 362-371	12.9	27
60	Increased memory T cell populations in Pb-exposed children from an e-waste-recycling area. <i>Science of the Total Environment</i> , 2018 , 616-617, 988-995	10.2	22
59	Thyroid disruption and reduced mental development in children from an informal e-waste recycling area: A mediation analysis. <i>Chemosphere</i> , 2018 , 193, 498-505	8.4	21
58	Maternal urinary cadmium levels during pregnancy associated with risk of sex-dependent birth outcomes from an e-waste pollution site in China. <i>Reproductive Toxicology</i> , 2018 , 75, 49-55	3-4	33
57	A 3D titanate aerogel with cellulose as the adsorption-aggregator for highly efficient water purification. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5813-5819	13	52
56	Elevated lead levels and changes in blood morphology and erythrocyte CR1 in preschool children from an e-waste area. <i>Science of the Total Environment</i> , 2017 , 592, 51-59	10.2	44
55	Decreased lung function with mediation of blood parameters linked to e-waste lead and cadmium exposure in preschool children. <i>Environmental Pollution</i> , 2017 , 230, 838-848	9-3	48
54	Temperature drop and the risk of asthma: a systematic review and meta-analysis. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22535-22546	5-1	30
53	Alteration of the number and percentage of innate immune cells in preschool children from an e-waste recycling area. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 145, 615-622	7	24
52	Elevated lead levels from e-waste exposure are linked to decreased olfactory memory in children. <i>Environmental Pollution</i> , 2017 , 231, 1112-1121	9-3	25

51	Chest circumference and birth weight are good predictors of lung function in preschool children from an e-waste recycling area. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22613-22621	5.1	12
50	No convincing association between genetic markers and respiratory symptoms: results of a GWA study. <i>Respiratory Research</i> , 2017 , 18, 11	7.3	2
49	Decreased vaccine antibody titers following exposure to multiple metals and metalloids in e-waste-exposed preschool children. <i>Environmental Pollution</i> , 2017 , 220, 354-363	9.3	40
48	Early-life Exposure to Widespread Environmental Toxicants and Health Risk: A Focus on the Immune and Respiratory Systems. <i>Annals of Global Health</i> , 2016 , 82, 119-31	3.3	39
47	Children with health impairments by heavy metals in an e-waste recycling area. <i>Chemosphere</i> , 2016 , 148, 408-15	8.4	136
46	Differential proteomic expression of human placenta and fetal development following e-waste lead and cadmium exposure in utero. <i>Science of the Total Environment</i> , 2016 , 550, 1163-1170	10.2	26
45	Heavy metals in PM2.5 and in blood, and children's respiratory symptoms and asthma from an e-waste recycling area. <i>Environmental Pollution</i> , 2016 , 210, 346-53	9.3	113
44	Elevated lead levels and adverse effects on natural killer cells in children from an electronic waste recycling area. <i>Environmental Pollution</i> , 2016 , 213, 143-150	9.3	48
43	Associations between maternal phenolic exposure and cord sex hormones in male newborns. <i>Human Reproduction</i> , 2016 , 31, 648-56	5.7	40
42	Ambient Air Heavy Metals in PM2.5 and Potential Human Health Risk Assessment in an Informal Electronic-Waste Recycling Site of China. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 388-397	4.6	72
41	Thyroid Hormone Status in Umbilical Cord Serum Is Positively Associated with Male Anogenital Distance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3378-85	5.6	7
40	Assessment of health risk of trace metal pollution in surface soil and road dust from e-waste recycling area in China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 17511-24	5.1	75
39	The role of the PM2.5-associated metals in pathogenesis of child Mycoplasma Pneumoniae infections: a systematic review. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 10604-10614	5.1	18
38	Considerable decrease of antibody titers against measles, mumps, and rubella in preschool children from an e-waste recycling area. <i>Science of the Total Environment</i> , 2016 , 573, 760-766	10.2	16
37	Polybrominated diphenyl ethers in human placenta associated with neonatal physiological development at a typical e-waste recycling area in China. <i>Environmental Pollution</i> , 2015 , 196, 414-22	9.3	37
36	Association of polycyclic aromatic hydrocarbons (PAHs) and lead co-exposure with child physical growth and development in an e-waste recycling town. <i>Chemosphere</i> , 2015 , 139, 295-302	8.4	42
35	E-waste environmental contamination and harm to public health in China. <i>Frontiers of Medicine</i> , 2015 , 9, 220-8	12	43
34	Assessment of association between the dopamine D2 receptor (DRD2) polymorphism and neurodevelopment of children exposed to lead. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1786-93	5.1	9

33	Chromium exposure among children from an electronic waste recycling town of China. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1778-85	5.1	24
32	Decreased blood hepatitis B surface antibody levels linked to e-waste lead exposure in preschool children. <i>Journal of Hazardous Materials</i> , 2015 , 298, 122-8	12.8	59
31	Associations of cadmium, bisphenol A and polychlorinated biphenyl co-exposure in utero with placental gene expression and neonatal outcomes. <i>Reproductive Toxicology</i> , 2015 , 52, 62-70	3.4	42
30	Association between blood erythrocyte lead concentrations and hemoglobin levels in preschool children. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 9233-40	5.1	15
29	Increase male genital diseases morbidity linked to informal electronic waste recycling in Guiyu, China. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 3540-5	5.1	19
28	ALAD genotypes and blood lead levels of neonates and children from e-waste exposure in Guiyu, China. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 6744-50	5.1	17
27	Polybrominated diphenyl ethers in residential and agricultural soils from an electronic waste polluted region in South China: distribution, compositional profile, and sources. <i>Chemosphere</i> , 2014 , 102, 55-60	8.4	69
26	S100 β heavy metal-related child attention-deficit hyperactivity disorder in an informal e-waste recycling area. <i>NeuroToxicology</i> , 2014 , 45, 185-91	4.4	39
25	Anogenital distance and its application in environmental health research. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 5457-64	5.1	38
24	Blood lead levels and associated factors among children in Guiyu of China: a population-based study. <i>PLoS ONE</i> , 2014 , 9, e105470	3.7	29
23	Elevated serum polybrominated diphenyl ethers and alteration of thyroid hormones in children from Guiyu, China. <i>PLoS ONE</i> , 2014 , 9, e113699	3.7	24
22	Effects of lead and cadmium exposure from electronic waste on child physical growth. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 4441-7	5.1	96
21	Placental IGF-1 and IGFBP-3 expression correlate with umbilical cord blood PAH and PBDE levels from prenatal exposure to electronic waste. <i>Environmental Pollution</i> , 2013 , 182, 63-9	9.3	55
20	Short placental telomere was associated with cadmium pollution in an electronic waste recycling town in China. <i>PLoS ONE</i> , 2013 , 8, e60815	3.7	35
19	Association between lung function in school children and exposure to three transition metals from an e-waste recycling area. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013 , 23, 67-72	6.7	102
18	Birth outcomes related to informal e-waste recycling in Guiyu, China. <i>Reproductive Toxicology</i> , 2012 , 33, 94-8	3.4	104
17	Comparative evaluation of environmental contamination and DNA damage induced by electronic-waste in Nigeria and China. <i>Science of the Total Environment</i> , 2012 , 423, 62-72	10.2	107
16	Carcinogenic polycyclic aromatic hydrocarbons in umbilical cord blood of human neonates from Guiyu, China. <i>Science of the Total Environment</i> , 2012 , 427-428, 35-40	10.2	85

15	Association between maternal exposure to perfluorooctanoic acid (PFOA) from electronic waste recycling and neonatal health outcomes. <i>Environment International</i> , 2012 , 48, 1-8	12.9	105
14	In utero exposure to polychlorinated biphenyls and reduced neonatal physiological development from Guiyu, China. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 2141-7	7	39
13	Association between lead exposure from electronic waste recycling and child temperament alterations. <i>NeuroToxicology</i> , 2011 , 32, 458-64	4.4	76
12	Downregulation of placental S100P is associated with cadmium exposure in Guiyu, an e-waste recycling town in China. <i>Science of the Total Environment</i> , 2011 , 410-411, 53-8	10.2	31
11	Assessment of cadmium exposure for neonates in Guiyu, an electronic waste pollution site of China. <i>Environmental Monitoring and Assessment</i> , 2011 , 177, 343-51	3.1	43
10	Sources, distribution, and toxicity of polycyclic aromatic hydrocarbons. <i>Journal of Environmental Health</i> , 2011 , 73, 22-5	0.4	47
9	Polybrominated diphenyl ethers in umbilical cord blood and relevant factors in neonates from Guiyu, China. <i>Environmental Science & Technology</i> , 2010 , 44, 813-9	10.3	151
8	Lead affects apoptosis and related gene XIAP and Smac expression in the hippocampus of developing rats. <i>Neurochemical Research</i> , 2010 , 35, 473-9	4.6	21
7	Monitoring of lead, cadmium, chromium and nickel in placenta from an e-waste recycling town in China. <i>Science of the Total Environment</i> , 2010 , 408, 3113-7	10.2	155
6	Association of MDR1 and ERCC1 polymorphisms with response and toxicity to cisplatin-based chemotherapy in non-small-cell lung cancer patients. <i>International Journal of Hygiene and Environmental Health</i> , 2010 , 213, 140-5	6.9	48
5	Lead and cadmium synergistically enhance the expression of divalent metal transporter 1 protein in central nervous system of developing rats. <i>Neurochemical Research</i> , 2009 , 34, 1150-6	4.6	25
4	The hazard of chromium exposure to neonates in Guiyu of China. <i>Science of the Total Environment</i> , 2008 , 403, 99-104	10.2	127
3	Blood lead and cadmium levels and relevant factors among children from an e-waste recycling town in China. <i>Environmental Research</i> , 2008 , 108, 15-20	7.9	216
2	Monitoring of lead load and its effect on neonatal behavioral neurological assessment scores in Guiyu, an electronic waste recycling town in China. <i>Journal of Environmental Monitoring</i> , 2008 , 10, 1233-8		83
1	Elevated blood lead levels of children in Guiyu, an electronic waste recycling town in China. <i>Environmental Health Perspectives</i> , 2007 , 115, 1113-7	8.4	385