Xia Huo

List of Publications by Citations

134 papers	5,192 citations	39 h-index	66 g-index
141 ext. papers	6,127 ext. citations	7.4 avg, IF	5.84 L-index

#	Paper	IF	Citations
134	Elevated blood lead levels of children in Guiyu, an electronic waste recycling town in China. *Environmental Health Perspectives*, **2007**, 115, 1113-7	8.4	385
133	Developmental neurotoxicants in e-waste: an emerging health concern. *Environmental Health Perspectives*, **2011**, 119, 431-8	8.4	218
132	Blood lead and cadmium levels and relevant factors among children from an e-waste recycling town in China. *Environmental Research*, **2008**, 108, 15-20	7.9	216
131	E-Waste and Harm to Vulnerable Populations: A Growing Global Problem. *Environmental Health Perspectives*, **2016**, 124, 550-5	8.4	188
130	Monitoring of lead, cadmium, chromium and nickel in placenta from an e-waste recycling town in China. *Science of the Total Environment*, **2010**, 408, 3113-7	10.2	155
129	Polybrominated diphenyl ethers in umbilical cord blood and relevant factors in neonates from Guiyu, China. *Environmental Science & Technology*, **2010**, 44, 813-9	10.3	151
128	Children with health impairments by heavy metals in an e-waste recycling area. *Chemosphere*, **2016**, 148, 408-15	8.4	136
127	The hazard of chromium exposure to neonates in Guiyu of China. *Science of the Total Environment*, **2008**, 403, 99-104	10.2	127
126	Heavy metals in PM2.5 and in blood, and children's respiratory symptoms and asthma from an e-waste recycling area. *Environmental Pollution*, **2016**, 210, 346-53	9.3	113
125	Comparative evaluation of environmental contamination and DNA damage induced by electronic-waste in Nigeria and China. *Science of the Total Environment*, **2012**, 423, 62-72	10.2	107
124	Association between maternal exposure to perfluorooctanoic acid (PFOA) from electronic waste recycling and neonatal health outcomes. *Environment International*, **2012**, 48, 1-8	12.9	105
123	Birth outcomes related to informal e-waste recycling in Guiyu, China. *Reproductive Toxicology*, **2012**, 33, 94-8	3.4	104
122	Association between lung function in school children and exposure to three transition metals from an e-waste recycling area. *Journal of Exposure Science and Environmental Epidemiology*, **2013**, 23, 67-72	6.7	102
121	Effects of lead and cadmium exposure from electronic waste on child physical growth. *Environmental Science and Pollution Research*, **2013**, 20, 4441-7	5.1	96
120	Carcinogenic polycyclic aromatic hydrocarbons in umbilical cord blood of human neonates from Guiyu, China. *Science of the Total Environment*, **2012**, 427-428, 35-40	10.2	85
119	Monitoring of lead load and its effect on neonatal behavioral neurological assessment scores in Guiyu, an electronic waste recycling town in China. *Journal of Environmental Monitoring*, **2008**, 10, 1233-8		83
118	Association between lead exposure from electronic waste recycling and child temperament alterations. *NeuroToxicology*, **2011**, 32, 458-64	4.4	76

117	Assessment of health risk of trace metal pollution in surface soil and road dust from e-waste recycling area in China. *Environmental Science and Pollution Research*, **2016**, 23, 17511-24	5.1	75
116	Ambient Air Heavy Metals in PM2.5 and Potential Human Health Risk Assessment in an Informal Electronic-Waste Recycling Site of China. *Aerosol and Air Quality Research*, **2016**, 16, 388-397	4.6	72
115	Polybrominated diphenyl ethers in residential and agricultural soils from an electronic waste polluted region in South China: distribution, compositional profile, and sources. *Chemosphere*, **2014**, 102, 55-60	8.4	69
114	Environmental Pollution: An Under-recognized Threat to Children's Health, Especially in Low- and Middle-Income Countries. *Environmental Health Perspectives*, **2016**, 124, A41-5	8.4	67
113	Decreased blood hepatitis B surface antibody levels linked to e-waste lead exposure in preschool children. *Journal of Hazardous Materials*, **2015**, 298, 122-8	12.8	59
112	Placental IGF-1 and IGFBP-3 expression correlate with umbilical cord blood PAH and PBDE levels from prenatal exposure to electronic waste. *Environmental Pollution*, **2013**, 182, 63-9	9.3	55
111	Health Consequences of Environmental Exposures: Changing Global Patterns of Exposure and Disease. *Annals of Global Health*, **2016**, 82, 10-9	3.3	50
110	Elevated lead levels and adverse effects on natural killer cells in children from an electronic waste recycling area. *Environmental Pollution*, **2016**, 213, 143-150	9.3	48
109	Decreased lung function with mediation of blood parameters linked to e-waste lead and cadmium exposure in preschool children. *Environmental Pollution*, **2017**, 230, 838-848	9.3	48
108	Association of MDR1 and ERCC1 polymorphisms with response and toxicity to cisplatin-based chemotherapy in non-small-cell lung cancer patients. *International Journal of Hygiene and Environmental Health*, **2010**, 213, 140-5	6.9	48
107	Sources, distribution, and toxicity of polycyclic aromatic hydrocarbons. *Journal of Environmental Health*, **2011**, 73, 22-5	0.4	47
106	Elevated lead levels and changes in blood morphology and erythrocyte CR1 in preschool children from an e-waste area. *Science of the Total Environment*, **2017**, 592, 51-59	10.2	44
105	Heavy metal exposure has adverse effects on the growth and development of preschool children. *Environmental Geochemistry and Health*, **2019**, 41, 309-321	4.7	44
104	E-waste environmental contamination and harm to public health in China. *Frontiers of Medicine*, **2015**, 9, 220-8	12	43
103	Assessment of cadmium exposure for neonates in Guiyu, an electronic waste pollution site of China. *Environmental Monitoring and Assessment*, **2011**, 177, 343-51	3.1	43
102	Cardiovascular endothelial inflammation by chronic coexposure to lead (Pb) and polycyclic aromatic hydrocarbons from preschool children in an e-waste recycling area. *Environmental Pollution*, **2019**, 246, 587-596	9.3	43
101	Association of polycyclic aromatic hydrocarbons (PAHs) and lead co-exposure with child physical growth and development in an e-waste recycling town. *Chemosphere*, **2015**, 139, 295-302	8.4	42
100	Hearing loss in children with e-waste lead and cadmium exposure. *Science of the Total Environment*, **2018**, 624, 621-627	10.2	42

99	Elevated inflammatory Lp-PLA2 and IL-6 link e-waste Pb toxicity to cardiovascular risk factors in preschool children. *Environmental Pollution*, **2018**, 234, 601-609	9.3	42
98	Associations of cadmium, bisphenol A and polychlorinated biphenyl co-exposure in utero with placental gene expression and neonatal outcomes. *Reproductive Toxicology*, **2015**, 52, 62-70	3.4	42
97	Associations between maternal phenolic exposure and cord sex hormones in male newborns. *Human Reproduction*, **2016**, 31, 648-56	5.7	40
96	Decreased vaccine antibody titers following exposure to multiple metals and metalloids in e-waste-exposed preschool children. *Environmental Pollution*, **2017**, 220, 354-363	9.3	40
95	Early-life Exposure to Widespread Environmental Toxicants and Health Risk: A Focus on the Immune and Respiratory Systems. *Annals of Global Health*, **2016**, 82, 119-31	3.3	39
94	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. *Environmental Geochemistry and Health*, **2018**, 40, 1481-1494	4.7	39
93	S100□n heavy metal-related child attention-deficit hyperactivity disorder in an informal e-waste recycling area. *NeuroToxicology*, **2014**, 45, 185-91	4.4	39
92	In utero exposure to polychlorinated biphenyls and reduced neonatal physiological development from Guiyu, China. *Ecotoxicology and Environmental Safety*, **2011**, 74, 2141-7	7	39
91	Anogenital distance and its application in environmental health research. *Environmental Science and Pollution Research*, **2014**, 21, 5457-64	5.1	38
90	Polybrominated diphenyl ethers in human placenta associated with neonatal physiological development at a typical e-waste recycling area in China. *Environmental Pollution*, **2015**, 196, 414-22	9.3	37
89	Short placental telomere was associated with cadmium pollution in an electronic waste recycling town in China. *PLoS ONE*, **2013**, 8, e60815	3.7	35
88	Maternal urinary cadmium levels during pregnancy associated with risk of sex-dependent birth outcomes from an e-waste pollution site in China. *Reproductive Toxicology*, **2018**, 75, 49-55	3.4	33
87	Relationships between esophageal cancer and spatial environment factors by using Geographic Information System. *Science of the Total Environment*, **2008**, 393, 219-25	10.2	32
86	Maternal urinary metabolites of PAHs and its association with adverse birth outcomes in an intensive e-waste recycling area. *Environmental Pollution*, **2019**, 245, 453-461	9.3	32
85	Downregulation of placental S100P is associated with cadmium exposure in Guiyu, an e-waste recycling town in China. *Science of the Total Environment*, **2011**, 410-411, 53-8	10.2	31
84	Differential DNA methylation in newborns with maternal exposure to heavy metals from an e-waste recycling area. *Environmental Research*, **2019**, 171, 536-545	7.9	30
83	E-waste lead exposure and children's health in China. *Science of the Total Environment*, **2020**, 734, 139286	10.2	30
82	Temperature drop and the risk of asthma: a systematic review and meta-analysis. *Environmental Science and Pollution Research*, **2017**, 24, 22535-22546	5.1	30

81	Ambient fine particulate matter inhibits innate airway antimicrobial activity in preschool children in e-waste areas. *Environment International*, **2019**, 123, 535-542	12.9	30
80	Blood lead levels and associated factors among children in Guiyu of China: a population-based study. *PLoS ONE*, **2014**, 9, e105470	3.7	29
79	MicroRNAs and their role in environmental chemical carcinogenesis. *Environmental Geochemistry and Health*, **2019**, 41, 225-247	4.7	28
78	Proteomic evaluation of human umbilical cord tissue exposed to polybrominated diphenyl ethers in an e-waste recycling area. *Environment International*, **2018**, 111, 362-371	12.9	27
77	Differential proteomic expression of human placenta and fetal development following e-waste lead and cadmium exposure in utero. *Science of the Total Environment*, **2016**, 550, 1163-1170	10.2	26
76	Blood lead and cadmium levels associated with hematological and hepatic functions in patients from an e-waste-polluted area. *Chemosphere*, **2019**, 220, 531-538	8.4	26
75	Severe dioxin-like compound (DLC) contamination in e-waste recycling areas: An under-recognized threat to local health. *Environment International*, **2020**, 139, 105731	12.9	25
74	Elevated biomarkers of sympatho-adrenomedullary activity linked to e-waste air pollutant exposure in preschool children. *Environment International*, **2018**, 115, 117-126	12.9	25
73	Elevated lead levels from e-waste exposure are linked to decreased olfactory memory in children. *Environmental Pollution*, **2017**, 231, 1112-1121	9.3	25
72	Lead and cadmium synergistically enhance the expression of divalent metal transporter 1 protein in central nervous system of developing rats. *Neurochemical Research*, **2009**, 34, 1150-6	4.6	25
71	Antihypoxic effects of neuroglobin in hypoxia-preconditioned mice and SH-SY5Y cells. *NeuroSignals*, **2009**, 17, 196-202	1.9	25
70	Chromium exposure among children from an electronic waste recycling town of China. *Environmental Science and Pollution Research*, **2015**, 22, 1778-85	5.1	24
69	Birth outcomes associated with maternal exposure to metals from informal electronic waste recycling in Guiyu, China. *Environment International*, **2020**, 137, 105580	12.9	24
68	Metal concentrations in pregnant women and neonates from informal electronic waste recycling. *Journal of Exposure Science and Environmental Epidemiology*, **2019**, 29, 406-415	6.7	24
67	Alteration of the number and percentage of innate immune cells in preschool children from an e-waste recycling area. *Ecotoxicology and Environmental Safety*, **2017**, 145, 615-622	7	24
66	Elevated serum polybrominated diphenyl ethers and alteration of thyroid hormones in children from Guiyu, China. *PLoS ONE*, **2014**, 9, e113699	3.7	24
65	Cadmium exposure and the risk of breast cancer in Chaoshan population of southeast China. *Environmental Science and Pollution Research*, **2015**, 22, 19870-8	5.1	23
64	Prevention-intervention strategies to reduce exposure to e-waste. *Reviews on Environmental Health* , **2018**, 33, 219-228	3.8	23

63	Hypoxic preconditioning improves spatial cognitive ability in mice. *NeuroSignals*, **2006**, 15, 314-21	1.9	23
62	Neonatal phthalate ester exposure induced placental MTs, FATP1 and HFABP mRNA expression in two districts of southeast China. *Scientific Reports*, **2016**, 6, 21004	4.9	23
61	Increased memory T cell populations in Pb-exposed children from an e-waste-recycling area. *Science of the Total Environment*, **2018**, 616-617, 988-995	10.2	22
60	Exposure to multiple heavy metals associate with aberrant immune homeostasis and inflammatory activation in preschool children. *Chemosphere*, **2020**, 257, 127257	8.4	21
59	Alterations in platelet indices link polycyclic aromatic hydrocarbons toxicity to low-grade inflammation in preschool children. *Environment International*, **2019**, 131, 105043	12.9	21
58	Lead affects apoptosis and related gene XIAP and Smac expression in the hippocampus of developing rats. *Neurochemical Research*, **2010**, 35, 473-9	4.6	21
57	Thyroid disruption and reduced mental development in children from an informal e-waste recycling area: A mediation analysis. *Chemosphere*, **2018**, 193, 498-505	8.4	21
56	Phthalate exposure as a risk factor for hypertension. *Environmental Science and Pollution Research*, **2018**, 25, 20550-20561	5.1	20
55	Hearing loss risk and DNA methylation signatures in preschool children following lead and cadmium exposure from an electronic waste recycling area. *Chemosphere*, **2020**, 246, 125829	8.4	20
54	Elevated lead levels from e-waste exposure are linked to sensory integration difficulties in preschool children. *NeuroToxicology*, **2019**, 71, 150-158	4.4	19
53	Increase male genital diseases morbidity linked to informal electronic waste recycling in Guiyu, China. *Environmental Science and Pollution Research*, **2014**, 21, 3540-5	5.1	19
52	Ambient air pollution and markers of fetal growth: A retrospective population-based cohort study of 2.57 million term singleton births in China. *Environment International*, **2020**, 135, 105410	12.9	19
51	Elevated levels of lead exposure and impact on the anti-inflammatory ability of oral sialic acids among preschool children in e-waste areas. *Science of the Total Environment*, **2020**, 699, 134380	10.2	19
50	The role of the PM2.5-associated metals in pathogenesis of child Mycoplasma Pneumoniae infections: a systematic review. *Environmental Science and Pollution Research*, **2016**, 23, 10604-10614	5.1	18
49	Decreased erythrocyte CD44 and CD58 expression link e-waste Pb toxicity to changes in erythrocyte immunity in preschool children. *Science of the Total Environment*, **2019**, 664, 690-697	10.2	17
48	ALAD genotypes and blood lead levels of neonates and children from e-waste exposure in Guiyu, China. *Environmental Science and Pollution Research*, **2014**, 21, 6744-50	5.1	17
47	Effect of simultaneous silencing of HPV-18 E6 and E7 on inducing apoptosis in HeLa cells. *Biochemistry and Cell Biology*, **2010**, 88, 697-704	3.6	17
46	Association of prenatal exposure to PAHs with anti-Müllerian hormone (AMH) levels and birth outcomes of newborns. *Science of the Total Environment*, **2020**, 723, 138009	10.2	17

45	Attention-deficit/hyperactivity symptoms in preschool children from an e-waste recycling town: assessment by the parent report derived from DSM-IV. *BMC Pediatrics*, **2015**, 15, 51	2.6	16
44	Considerable decrease of antibody titers against measles, mumps, and rubella in preschool children from an e-waste recycling area. *Science of the Total Environment*, **2016**, 573, 760-766	10.2	16
43	PM-bound PAHs exposure linked with low plasma insulin-like growth factor 1 levels and reduced child height. *Environment International*, **2020**, 138, 105660	12.9	15
42	Association of urinary cadmium, circulating fatty acids, and risk of gestational diabetes mellitus: A nested case-control study in China. *Environment International*, **2020**, 137, 105527	12.9	15
41	Lead exposure is associated with risk of impaired coagulation in preschool children from an e-waste recycling area. *Environmental Science and Pollution Research*, **2018**, 25, 20670-20679	5.1	15
40	Association between blood erythrocyte lead concentrations and hemoglobin levels in preschool children. *Environmental Science and Pollution Research*, **2015**, 22, 9233-40	5.1	15
39	Blood cadmium burden and the risk of nasopharyngeal carcinoma: a case-control study in Chinese Chaoshan population. *Environmental Science and Pollution Research*, **2015**, 22, 12323-31	5.1	14
38	Elevated expression of AhR and NLRP3 link polycyclic aromatic hydrocarbon exposure to cytokine storm in preschool children. *Environment International*, **2020**, 139, 105720	12.9	14
37	Lead (Pb) exposure and heart failure risk. *Environmental Science and Pollution Research*, **2021**, 28, 28833-28847	5.1	13
36	Connecting gastrointestinal cancer risk to cadmium and lead exposure in the Chaoshan population of Southeast China. *Environmental Science and Pollution Research*, **2018**, 25, 17611-17619	5.1	12
35	Chest circumference and birth weight are good predictors of lung function in preschool children from an e-waste recycling area. *Environmental Science and Pollution Research*, **2017**, 24, 22613-22621	5.1	12
34	Chronic cadmium exposure aggravates malignant phenotypes of nasopharyngeal carcinoma by activating the Wnt/□catenin signaling pathway via hypermethylation of the casein kinase 1□ promoter. *Cancer Management and Research*, **2019**, 11, 81-93	3.6	12
33	Early-life exposure to widespread environmental toxicants and maternal-fetal health risk: A focus on metabolomic biomarkers. *Science of the Total Environment*, **2020**, 739, 139626	10.2	11
32	Alexithymia in Chinese chronic obstructive pulmonary disease (COPD) patients: the prevalence and related factors of alexithymia. *Psychiatry Research*, **2012**, 198, 274-8	9.9	10
31	PAH exposure is associated with enhanced risk for pediatric dyslipidemia through serum SOD reduction. *Environment International*, **2020**, 145, 106132	12.9	10
30	Air pollution and body burden of persistent organic pollutants at an electronic waste recycling area of China. *Environmental Geochemistry and Health*, **2019**, 41, 93-123	4.7	10
29	Genome-wide interaction study of gene-by-occupational exposures on respiratory symptoms. *Environment International*, **2019**, 122, 263-269	12.9	10
28	The association of PM with airway innate antimicrobial activities of salivary agglutinin and surfactant protein D. *Chemosphere*, **2019**, 226, 915-923	8.4	9

27	Assessment of association between the dopamine D2 receptor (DRD2) polymorphism and neurodevelopment of children exposed to lead. *Environmental Science and Pollution Research*, **2015**, 22, 1786-93	5.1	9
26	Antioxidant alterations link polycyclic aromatic hydrocarbons to blood pressure in children. *Science of the Total Environment*, **2020**, 732, 138944	10.2	9
25	Elevated lead levels in relation to low serum neuropeptide Y and adverse behavioral effects in preschool children with e-waste exposure. *Chemosphere*, **2021**, 269, 129380	8.4	9
24	Thyroid Hormone Status in Umbilical Cord Serum Is Positively Associated with Male Anogenital Distance. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 3378-85	5.6	7
23	Interactions between polycyclic aromatic hydrocarbons and epoxide hydrolase 1 play roles in asthma. *Environmental Geochemistry and Health*, **2019**, 41, 191-210	4.7	7
22	Filamentous-actins in human hepatocarcinoma cells with CLSM. *World Journal of Gastroenterology*, **2004**, 10, 1666-8	5.6	6
21	An epigenome-wide association study identifies multiple DNA methylation markers of exposure to endocrine disruptors. *Environment International*, **2020**, 144, 106016	12.9	6
20	Assessment of dust trace elements in an e-waste recycling area and related children's health risks. *Science of the Total Environment*, **2021**, 791, 148154	10.2	6
19	Relations of blood lead levels to echocardiographic left ventricular structure and function in preschool children. *Chemosphere*, **2021**, 268, 128793	8.4	6
18	High serum IgG subclass concentrations in children with e-waste Pb and Cd exposure. *Science of the Total Environment*, **2021**, 764, 142806	10.2	5
17	Association of circulating saturated fatty acids with the risk of pregnancy-induced hypertension: a nested case-control study. *Hypertension Research*, **2020**, 43, 412-421	4.7	4
16	Prenatal smoke effect on mouse offspring promoter methylation from fetal stage to adulthood is organ and sex specific. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 318, L549-L561	5.8	4
15	Alterations of the gut microbiota and metabolomics in children with e-waste lead exposure.. *Journal of Hazardous Materials*, **2022**, 434, 128842	12.8	4
14	Esophageal carcinoma 109 cell line is found positive in HPV type 18. *Ecological Management and Restoration*, **2007**, 20, 362-3	3	3
13	PM exposure inducing ATP alteration links with NLRP3 inflammasome activation.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	3
12	Environmental contamination and public health effects of electronic waste: an overview. *Journal of Environmental Health Science & Engineering*, **2021**, 19, 1209-1227	2.9	3
11	Increased intestinal permeability with elevated peripheral blood endotoxin and inflammatory indices for e-waste lead exposure in children. *Chemosphere*, **2021**, 279, 130862	8.4	3
10	Oral antimicrobial activity weakened in children with electronic waste lead exposure. *Environmental Science and Pollution Research*, **2020**, 27, 14763-14770	5.1	2

9	No convincing association between genetic markers and respiratory symptoms: results of a GWA study. *Respiratory Research*, **2017**, 18, 11	7.3	2
8	Chaotic time series prediction for prenatal exposure to polychlorinated biphenyls in umbilical cord blood using the least squares SEATR model. *Scientific Reports*, **2016**, 6, 25005	4.9	2
7	Early-life exposure to widespread environmental toxicants and children's health risks: A focus on the post-vaccination antibody potency or immunoglobulin levels. *Science of the Total Environment*, **2021**, 781, 146714	10.2	2
6	Pb and Cd exposure linked with Il-10 and Il-13 gene polymorphisms in asthma risk relevant immunomodulation in children.. *Chemosphere*, **2022**, 133656	8.4	1
5	E-waste polycyclic aromatic hydrocarbon (PAH) exposure leads to child gut-mucosal inflammation and adaptive immune response. *Environmental Science and Pollution Research*, **2021**, 28, 53267-53281	5.1	0
4	Risk assessment of PBDEs and PCBs in dust from an e-waste recycling area of China. *Science of the Total Environment*, **2022**, 803, 150016	10.2	0
3	Metabolomics insights into the prenatal exposure effects of polybrominated diphenyl ethers on neonatal birth outcomes.. *Science of the Total Environment*, **2022**, 155601	10.2	0
2	Reply I. Cord blood androgen measurement: the importance of assay validation. *Human Reproduction*, **2017**, 32, 1361-1362	5.7	
1	Combined toxicity of air pollutants related to e-waste on inflammatory cytokines linked with neurotransmitters and pediatric behavioral problems. *Ecotoxicology and Environmental Safety*, **2022** , 239, 113657	7	