

Lei Huang

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.

60 papers	4,822 citations	27 h-index	66 g-index
66 ext. papers	5,940 ext. citations	8.1 avg, IF	5.87 L-index

#	Paper	IF	Citations
60	Roles of organic matter transformation in the bioavailability of Cu and Zn during sepiolite-amended pig manure composting.. <i>Journal of Environmental Management</i> , 2022 , 314, 115046	7.9	1
59	Exploring a more reasonable temperature exposure calculation method based on individual exposure survey and city-scale heat exposure impact assessment.. <i>Environmental Research</i> , 2022 , 212, 113317	7.9	
58	Human health risk visualization of potentially toxic elements in farmland soil: A combined method of source and probability. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 211, 111922	7	10
57	An intervention study of the rural elderly for improving exposure, risk perception and behavioral responses under high temperature. <i>Environmental Research Letters</i> , 2021 , 16, 055029	6.2	2
56	Exploration of the optimal strategy for dietary calcium intervention against the toxicity of liver and kidney induced by cadmium in mice: An in vivo diet intervention study. <i>PLoS ONE</i> , 2021 , 16, e0250885	3.7	1
55	Coupling ITO3dE model and GIS for spatiotemporal evolution analysis of agricultural non-point source pollution risks in Chongqing in China. <i>Scientific Reports</i> , 2021 , 11, 4635	4.9	0
54	Relative contribution of rice and fish consumption to bioaccessibility-corrected health risks for urban residents in eastern China. <i>Environment International</i> , 2021 , 155, 106682	12.9	2
53	Exposure and perception of PM pollution on the mental stress of pregnant women. <i>Environment International</i> , 2021 , 156, 106686	12.9	2
52	Changes of public risk perception in China: 2008-2018. <i>Science of the Total Environment</i> , 2021 , 799, 149453	5.2	0
51	A review on Cadmium Exposure in the Population and Intervention Strategies Against Cadmium Toxicity. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 106, 65-74	2.7	13
50	Linking elevated blood lead level in urban school-aged children with bioaccessible lead in neighborhood soil. <i>Environmental Pollution</i> , 2020 , 261, 114093	9.3	10
49	The effect of PM exposure and risk perception on the mental stress of Nanjing citizens in China. <i>Chemosphere</i> , 2020 , 254, 126797	8.4	11
48	Application of an advanced spatiotemporal model for PM prediction in Jiangsu Province, China. <i>Chemosphere</i> , 2020 , 246, 125563	8.4	6
47	Adverse health effects of lead exposure on physical growth, erythrocyte parameters and school performances for school-aged children in eastern China. <i>Environment International</i> , 2020 , 145, 106130	12.9	7
46	Health Effects of Climate Change Through Temperature and Air Pollution. <i>Current Pollution Reports</i> , 2019 , 5, 144-158	7.6	17
45	An interventional study of rice for reducing cadmium exposure in a Chinese industrial town. <i>Environment International</i> , 2019 , 122, 301-309	12.9	16
44	Bioaccessibility-corrected risk assessment of urban dietary methylmercury exposure via fish and rice consumption in China. <i>Science of the Total Environment</i> , 2018 , 630, 222-230	10.2	27

43	Risk perception of heat waves and its spatial variation in Nanjing, China. <i>International Journal of Biometeorology</i> , 2018 , 62, 783-794	3.7	7
42	A review of soil heavy metal pollution from industrial and agricultural regions in China: Pollution and risk assessment. <i>Science of the Total Environment</i> , 2018 , 642, 690-700	10.2	618
41	Quantitative Analysis of Health Risk Perception, Exposure Levels, and Willingness to Pay/Accept of PM during the 2014 Nanjing Youth Olympic Games. <i>Environmental Science & Technology</i> , 2018 , 52, 13824-13833	10.3	17
40	The changing risk perception towards nuclear power in China after the Fukushima nuclear accident in Japan. <i>Energy Policy</i> , 2018 , 120, 294-301	7.2	26
39	Applying Cadmium Relative Bioavailability to Assess Dietary Intake from Rice to Predict Cadmium Urinary Excretion in Nonsmokers. <i>Environmental Science & Technology</i> , 2017 , 51, 6756-6764	10.3	37
38	A comparison of individual exposure, perception, and acceptable levels of PM with air pollution policy objectives in China. <i>Environmental Research</i> , 2017 , 157, 78-86	7.9	47
37	Mineral Dietary Supplement To Decrease Cadmium Relative Bioavailability in Rice Based on a Mouse Bioassay. <i>Environmental Science & Technology</i> , 2017 , 51, 12123-12130	10.3	24
36	Development of land use regression models for PM, SO, NO and O in Nanjing, China. <i>Environmental Research</i> , 2017 , 158, 542-552	7.9	66
35	Integrating new indicators of predictors that shape the public's perception of local extreme temperature in China. <i>Science of the Total Environment</i> , 2017 , 579, 529-536	10.2	6
34	Heavy metals in soils and road dusts in the mining areas of Western Suzhou, China: a preliminary identification of contaminated sites. <i>Journal of Soils and Sediments</i> , 2016 , 16, 204-214	3.4	49
33	Environmental Exposure to Cadmium: Health Risk Assessment and its Associations with Hypertension and Impaired Kidney Function. <i>Scientific Reports</i> , 2016 , 6, 29989	4.9	64
32	Acute effects of air pollution on influenza-like illness in Nanjing, China: A population-based study. <i>Chemosphere</i> , 2016 , 147, 180-7	8.4	74
31	Urbanization Level and Vulnerability to Heat-Related Mortality in Jiangsu Province, China. <i>Environmental Health Perspectives</i> , 2016 , 124, 1863-1869	8.4	65
30	Satellite-Based Spatiotemporal Trends in PM2.5 Concentrations: China, 2004-2013. <i>Environmental Health Perspectives</i> , 2016 , 124, 184-92	8.4	464
29	Association of soil arsenic and nickel exposure with cancer mortality rates, a town-scale ecological study in Suzhou, China. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 5395-404	5.1	34
28	Influence of heat wave definitions to the added effect of heat waves on daily mortality in Nanjing, China. <i>Science of the Total Environment</i> , 2015 , 506-507, 18-25	10.2	87
27	Spatial analysis of the effect of the 2010 heat wave on stroke mortality in Nanjing, China. <i>Scientific Reports</i> , 2015 , 5, 10816	4.9	22
26	The health effects of exposure to arsenic-contaminated drinking water: a review by global geographical distribution. <i>International Journal of Environmental Health Research</i> , 2015 , 25, 432-52	3.6	57

25	Association of soil cadmium contamination with ceramic industry: a case study in a Chinese town. <i>Science of the Total Environment</i> , 2015 , 514, 26-32	10.2	52
24	Inverse association between intelligence quotient and urinary retinol binding protein in Chinese school-age children with low blood lead levels: results from a cross-sectional investigation. <i>Chemosphere</i> , 2015 , 128, 155-60	8.4	13
23	The comparison analysis of Chinese public perception of earthquakes on different time scales. <i>Natural Hazards</i> , 2014 , 73, 613-625	3	9
22	Effect of lead pollution control on environmental and childhood blood lead level in Nantong, China: an interventional study. <i>Environmental Science & Technology</i> , 2014 , 48, 12930-6	10.3	43
21	Estimating ground-level PM2.5 in China using satellite remote sensing. <i>Environmental Science & Technology</i> , 2014 , 48, 7436-44	10.3	382
20	Evaluation and source identification of trace element contamination of soils in the Qixia lead-zinc mining area, Jiangsu, China. <i>Journal of Soils and Sediments</i> , 2014 , 14, 1703-1712	3.4	11
19	Environmental risk source management system for the petrochemical industry. <i>Chemical Engineering Research and Design</i> , 2014 , 92, 251-260	5.5	25
18	A review of soil heavy metal pollution from mines in China: pollution and health risk assessment. <i>Science of the Total Environment</i> , 2014 , 468-469, 843-53	10.2	1509
17	Multi-angle indicators system of non-point pollution source assessment in rural areas: a case study near Taihu Lake. <i>Environmental Management</i> , 2013 , 51, 939-50	3.1	17
16	Life-cycle assessment of continuous pad-dyeing technology for cotton fabrics. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 659-672	4.6	29
15	Influence of temperature to the short-term effects of various ozone metrics on daily mortality in Suzhou, China. <i>Atmospheric Environment</i> , 2013 , 79, 119-128	5.3	20
14	Health hazards of China's lead-acid battery industry: a review of its market drivers, production processes, and health impacts. <i>Environmental Health</i> , 2013 , 12, 61	6	93
13	The influence of public perception on risk acceptance of the chemical industry and the assistance for risk communication. <i>Safety Science</i> , 2013 , 51, 232-240	5.8	47
12	Effect of the Fukushima nuclear accident on the risk perception of residents near a nuclear power plant in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19742-7	11.5	131
11	Ecological risk assessment of heavy metals in surface sediments of six major chinese freshwater lakes. <i>Journal of Environmental Quality</i> , 2013 , 42, 341-50	3.4	55
10	How do the Chinese perceive ecological risk in freshwater lakes?. <i>PLoS ONE</i> , 2013 , 8, e62486	3.7	7
9	CO2 emission inventories for Chinese cities in highly urbanized areas compared with European cities. <i>Energy Policy</i> , 2012 , 47, 298-308	7.2	35
8	The influencing factors of the WTP for the risk reduction of chemical industry accidents in China. <i>Frontiers of Environmental Science and Engineering</i> , 2012 , 6, 860-868	5.8	5

7	Monte Carlo Simulation-Based Health Risk Assessment of Heavy Metal Soil Pollution: A Case Study in the Qixia Mining Area, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2012 , 18, 733-750	4.9	94
6	Human exposure pathways of heavy metals in a lead-zinc mining area, Jiangsu Province, China. <i>PLoS ONE</i> , 2012 , 7, e46793	3.7	161
5	Analysis of Determining Factors of the Public's Risk Acceptance Level in China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2010 , 16, 365-379	4.9	18
4	Public perception of blue-algae bloom risk in Hongze Lake of China. <i>Environmental Management</i> , 2010 , 45, 1065-75	3.1	25
3	A survey on hazardous materials accidents during road transport in China from 2000 to 2008. <i>Journal of Hazardous Materials</i> , 2010 , 184, 647-653	12.8	90
2	Perception of people for the risk of Tianwan nuclear power plant. <i>Frontiers of Environmental Science and Engineering in China</i> , 2010 , 4, 73-81		10
1	Mapping human vulnerability to chemical accidents in the vicinity of chemical industry parks. <i>Journal of Hazardous Materials</i> , 2010 , 179, 500-6	12.8	49