Lei Huang

List of Publications by Year
in descending order

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64 papers	6,945 citations	147801 31 h-index	110387 64 g-index
66 all docs	66 docs citations	66 times ranked	8131 citing authors

#	Article	IF	Citations
1	A review of soil heavy metal pollution from mines in China: Pollution and health risk assessment. Science of the Total Environment, 2014, 468-469, 843-853.	8.0	2,065
2	A review of soil heavy metal pollution from industrial and agricultural regions in China: Pollution and risk assessment. Science of the Total Environment, 2018, 642, 690-700.	8.0	1,145
3	Satellite-Based Spatiotemporal Trends in PM _{2.5} Concentrations: China, 2004â€“2013. Environmental Health Perspectives, 2016, 124, 184-192.	6.0	565
4	Estimating Ground-Level PM_{2.5} in China Using Satellite Remote Sensing. Environmental Science & Technology, 2014, 48, 7436-7444.	10.0	480
5	Human Exposure Pathways of Heavy Metals in a Lead-Zinc Mining Area, Jiangsu Province, China. PLoS ONE, 2012, 7, e46793.	2.5	206
6	Effect of the Fukushima nuclear accident on the risk perception of residents near a nuclear power plant in China. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19742-19747.	7.1	168
7	Monte Carlo Simulation-Based Health Risk Assessment of Heavy Metal Soil Pollution: A Case Study in the Qixia Mining Area, China. Human and Ecological Risk Assessment (HERA), 2012, 18, 733-750.	3.4	133
8	Influence of heat wave definitions to the added effect of heat waves on daily mortality in Nanjing, China. Science of the Total Environment, 2015, 506-507, 18-25.	8.0	131
9	A survey on hazardous materials accidents during road transport in China from 2000 to 2008. Journal of Hazardous Materials, 2010, 184, 647-653.	12.4	121
10	Health hazards of Chinaâ€™s lead-acid battery industry: a review of its market drivers, production processes, and health impacts. Environmental Health, 2013, 12, 61.	4.0	119
11	Development of land use regression models for PM2.5, SO2, NO2 and O3 in Nanjing, China. Environmental Research, 2017, 158, 542-552.	7.5	108
12	Acute effects of air pollution on influenza-like illness in Nanjing, China: A population-based study. Chemosphere, 2016, 147, 180-187.	8.2	103
13	A review on Cadmium Exposure in the Population and Intervention Strategies Against Cadmium Toxicity. Bulletin of Environmental Contamination and Toxicology, 2021, 106, 65-74.	2.7	101
14	Environmental Exposure to Cadmium: Health Risk Assessment and its Associations with Hypertension and Impaired Kidney Function. Scientific Reports, 2016, 6, 29989.	3.3	86
15	Urbanization Level and Vulnerability to Heat-Related Mortality in Jiangsu Province, China. Environmental Health Perspectives, 2016, 124, 1863-1869.	6.0	81
16	The health effects of exposure to arsenic-contaminated drinking water: a review by global geographical distribution. International Journal of Environmental Health Research, 2015, 25, 432-452.	2.7	79
17	Ecological Risk Assessment of Heavy Metals in Surface Sediments of Six Major Chinese Freshwater Lakes. Journal of Environmental Quality, 2013, 42, 341-350.	2.0	70
18	A comparison of individual exposure, perception, and acceptable levels of PM 2.5 with air pollution policy objectives in China. Environmental Research, 2017, 157, 78-86.	7.5	70

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19	Heavy metals in soils and road dusts in the mining areas of Western Suzhou, China: a preliminary identification of contaminated sites. Journal of Soils and Sediments, 2016, 16, 204-214.	3.0	68
20	Association of soil cadmium contamination with ceramic industry: A case study in a Chinese town. Science of the Total Environment, 2015, 514, 26-32.	8.0	67
21	Effect of Lead Pollution Control on Environmental and Childhood Blood Lead Level in Nantong, China: An Interventional Study. Environmental Science & Technology, 2014, 48, 12930-12936.	10.0	64
22	Applying Cadmium Relative Bioavailability to Assess Dietary Intake from Rice to Predict Cadmium Urinary Excretion in Nonsmokers. Environmental Science & Technology, 2017, 51, 6756-6764.	10.0	60
23	Mapping human vulnerability to chemical accidents in the vicinity of chemical industry parks. Journal of Hazardous Materials, 2010, 179, 500-506.	12.4	58
24	The influence of public perception on risk acceptance of the chemical industry and the assistance for risk communication. Safety Science, 2013, 51, 232-240.	4.9	55
25	Association of soil arsenic and nickel exposure with cancer mortality rates, a town-scale ecological study in Suzhou, China. Environmental Science and Pollution Research, 2015, 22, 5395-5404.	5.3	54
26	Bioaccessibility-corrected risk assessment of urban dietary methylmercury exposure via fish and rice consumption in China. Science of the Total Environment, 2018, 630, 222-230.	8.0	47
27	CO2 emission inventories for Chinese cities in highly urbanized areas compared with European cities. Energy Policy, 2012, 47, 298-308.	8.8	40
28	Mineral Dietary Supplement To Decrease Cadmium Relative Bioavailability in Rice Based on a Mouse Bioassay. Environmental Science & Technology, 2017, 51, 12123-12130.	10.0	39
29	Life-cycle assessment of continuous pad-dyeing technology for cotton fabrics. International Journal of Life Cycle Assessment, 2013, 18, 659-672.	4.7	37
30	The changing risk perception towards nuclear power in China after the Fukushima nuclear accident in Japan. Energy Policy, 2018, 120, 294-301.	8.8	36
31	Environmental risk source management system for the petrochemical industry. Chemical Engineering Research and Design, 2014, 92, 251-260.	5.6	32
32	Public Perception of Blue-Algae Bloom Risk in Hongze Lake of China. Environmental Management, 2010, 45, 1065-1075.	2.7	31
33	Spatial analysis of the effect of the 2010 heat wave on stroke mortality in Nanjing, China. Scientific Reports, 2015, 5, 10816.	3.3	31
34	Health Effects of Climate Change Through Temperature and Air Pollution. Current Pollution Reports, 2019, 5, 144-158.	6.6	27
35	Influence of temperature to the short-term effects of various ozone metrics on daily mortality in Suzhou, China. Atmospheric Environment, 2013, 79, 119-128.	4.1	26
36	Linking elevated blood lead level in urban school-aged children with bioaccessible lead in neighborhood soil. Environmental Pollution, 2020, 261, 114093.	7.5	25

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37	Human health risk visualization of potentially toxic elements in farmland soil: A combined method of source and probability. Ecotoxicology and Environmental Safety, 2021, 211, 111922.	6.0	25
38	Quantitative Analysis of Health Risk Perception, Exposure Levels, and Willingness to Pay/Accept of PM2.5 during the 2014 Nanjing Youth Olympic Games. Environmental Science & Technology, 2018, 52, 13824-13833.	10.0	23
39	Multi-angle Indicators System of Non-point Pollution Source Assessment in Rural Areas: A Case Study Near Taihu Lake. Environmental Management, 2013, 51, 939-950.	2.7	22
40	An interventional study of rice for reducing cadmium exposure in a Chinese industrial town. Environment International, 2019, 122, 301-309.	10.0	22
41	Analysis of Determining Factors of the Public's Risk Acceptance Level in China. Human and Ecological Risk Assessment (HERA), 2010, 16, 365-379.	3.4	20
42	Perception of people for the risk of Tianwan nuclear power plant. Frontiers of Environmental Science and Engineering in China, 2010, 4, 73-81.	0.8	16
43	Risk perception of heat waves and its spatial variation in Nanjing, China. International Journal of Biometeorology, 2018, 62, 783-794.	3.0	16
44	The effect of PM2.5 exposure and risk perception on the mental stress of Nanjing citizens in China. Chemosphere, 2020, 254, 126797.	8.2	16
45	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. Chemosphere, 2015, 128, 155-160.	8.2	15
46	Adverse health effects of lead exposure on physical growth, erythrocyte parameters and school performances for school-aged children in eastern China. Environment International, 2020, 145, 106130.	10.0	15
47	Relative contribution of rice and fish consumption to bioaccessibility-corrected health risks for urban residents in eastern China. Environment International, 2021, 155, 106682.	10.0	14
48	Evaluation and source identification of trace element contamination of soils in the Qixia lead-zinc mining area, Jiangsu, China. Journal of Soils and Sediments, 2014, 14, 1703-1712.	3.0	12
49	The comparison analysis of Chinese public perception of earthquakes on different time scales. Natural Hazards, 2014, 73, 613-625.	3.4	11
50	Integrating new indicators of predictors that shape the public's perception of local extreme temperature in China. Science of the Total Environment, 2017, 579, 529-536.	8.0	9
51	Application of an advanced spatiotemporal model for PM2.5 prediction in Jiangsu Province, China. Chemosphere, 2020, 246, 125563.	8.2	9
52	Roles of organic matter transformation in the bioavailability of Cu and Zn during sepiolite-amended pig manure composting. Journal of Environmental Management, 2022, 314, 115046.	7.8	9
53	Public anxiety through various stages of COVID-19 coping: Evidence from China. PLoS ONE, 2022, 17, e0270229.	2.5	9
54	Exposure and perception of PM2.5 pollution on the mental stress of pregnant women. Environment International, 2021, 156, 106686.	10.0	8

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55	Coupling ITO3dE model and GIS for spatiotemporal evolution analysis of agricultural non-point source pollution risks in Chongqing in China. Scientific Reports, 2021, 11, 4635.	3.3	7
56	How Do the Chinese Perceive Ecological Risk in Freshwater Lakes?. PLoS ONE, 2013, 8, e62486.	2.5	7
57	The influencing factors of the WTP for the risk reduction of chemical industry accidents in China. Frontiers of Environmental Science and Engineering, 2012, 6, 860-868.	6.0	6
58	An intervention study of the rural elderly for improving exposure, risk perception and behavioral responses under high temperature. Environmental Research Letters, 2021, 16, 055029.	5.2	6
59	Effective interventions on health effects of Chinese rural elderly under heat exposure. Frontiers of Environmental Science and Engineering, 2022, 16, .	6.0	6
60	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. PLoS ONE, 2021, 16, e0250885.	2.5	5
61	Editorial: Utilization of data from air quality monitoring networks. Environmental Research, 2018, 164, 9-10.	7.5	3
62	Changes of public risk perception in China: 2008â€“2018. Science of the Total Environment, 2021, 799, 149453.	8.0	3
63	Balanced news for long-term growth. Nature Energy, 2020, 5, 500-501.	39.5	2
64	Exploring a more reasonable temperature exposure calculation method based on individual exposure survey and city-scale heat exposure impact assessment. Environmental Research, 2022, 212, 113317.	7.5	0