Liwen Zhang

List of Publications by Year
in descending order

26 papers	886 citations	623574 14 h-index	552653 26 g-index
30 all docs	30 docs citations	30 times ranked	1370 citing authors

#	Article	IF	Citations
1	Health risk assessment for traffic policemen exposed to polycyclic aromatic hydrocarbons (PAHs) in Tianjin, China. Science of the Total Environment, 2007, 382, 240-250.	3.9	142
2	Long-Term Exposure to Ambient Air Pollution and Mortality Due to Cardiovascular Disease and Cerebrovascular Disease in Shenyang, China. PLoS ONE, 2011, 6, e20827.	1.1	128
3	Long-Term Exposure to Ambient Air Pollution and Respiratory Disease Mortality in Shenyang, China: A 12-Year Population-Based Retrospective Cohort Study. Respiration, 2012, 84, 360-368.	1.2	92
4	Finishing of cotton fabrics with aqueous nano-titanium dioxide dispersion and the decomposition of gaseous ammonia by ultraviolet irradiation. Journal of Applied Polymer Science, 2006, 99, 286-291.	1.3	69
5	Advances in the application of upconversion nanoparticles for detecting and treating cancers. Photodiagnosis and Photodynamic Therapy, 2019, 25, 177-192.	1.3	59
6	Control synthesis, subtle surface modification of rare-earth-doped upconversion nanoparticles and their applications in cancer diagnosis and treatment. Materials Science and Engineering C, 2019, 105, 110097.	3.8	50
7	Joint effects of folate and vitamin B 12 imbalance with maternal characteristics on gestational diabetes mellitus. Journal of Diabetes, 2019, 11, 744-751.	0.8	39
8	Chemical and stable carbon isotopic characterization for PAHs in aerosol emitted from two indoor sources. Chemosphere, 2009, 75, 453-461.	4.2	37
9	Aldehydes in relation to air pollution sources: A case study around the Beijing Olympics. Atmospheric Environment, 2015, 109, 61-69.	1.9	30
10	Combined use of principal component analysis and artificial neural network approach to improve estimates of PM2.5 personal exposure: A case study on older adults. Science of the Total Environment, 2020, 726, 138533.	3.9	29
11	Long-term exposure to ambient PM2.5 and stroke mortality among urban residents in northern China. Ecotoxicology and Environmental Safety, 2021, 213, 112063.	2.9	28
12	Fine particulate matter exposure induces cell cycle arrest and inhibits migration and invasion of human extravillous trophoblast, as determined by an iTRAQ-based quantitative proteomics strategy. Reproductive Toxicology, 2017, 74, 10-22.	1.3	26
13	Associations of urinary phenolic environmental estrogens exposure with blood glucose levels and gestational diabetes mellitus in Chinese pregnant women. Science of the Total Environment, 2021, 754, 142085.	3.9	21
14	Associations of Exposure to Fine Particulate Matter Mass and Constituents with Systemic Inflammation: A Cross-Sectional Study of Urban Older Adults in China. Environmental Science & Technology, 2022, 56, 7244-7255.	4.6	21
15	Transgenerational male reproductive effect of prenatal arsenic exposure: abnormal spermatogenesis with Igf2/H19 epigenetic alteration in CD1 mouse. International Journal of Environmental Health Research, 2022, 32, 1248-1260.	1.3	16
16	Acute cardiovascular effects of traffic-related air pollution (TRAP) exposure in healthy adults: A randomized, blinded, crossover intervention study. Environmental Pollution, 2021, 288, 117583.	3.7	14
17	Exposure measurement, risk assessment and source identification for exposure of traffic assistants to particle-bound PAHs in Tianjin, China. Journal of Environmental Sciences, 2014, 26, 448-457.	3.2	13
18	Association between long-term exposure to Sulfur dioxide pollution and hypertension incidence in northern China: a 12-year cohort study. Environmental Science and Pollution Research, 2020, 27, 21826-21835.	2.7	13

#	ARTICLE	IF	CITATIONS
19	Joint effect of urinary arsenic species and serum one-carbon metabolism nutrients on gestational diabetes mellitus: A cross-sectional study of Chinese pregnant women. Environment International, 2021, 156, 106741.	4.8	13
20	The advances in applying inorganic fluorescent nanomaterials for the detection of hepatocellular carcinoma and other cancers. RSC Advances, 2015, 5, 79572-79584.	1.7	10
21	Spatial distribution and seasonal variations of atmospheric organophosphate esters (OPEs) in Tianjin, China based on gridded field observations. Environmental Pollution, 2020, 263, 114460.	3.7	9
22	Associations of Maternal rs1801131 Genotype in MTHFR and Serum Folate and Vitamin B12 with Gestational Diabetes Mellitus in Chinese Pregnant Women. Nutrients, 2022, 14, 1169.	1.7	9
23	Development of spatiotemporal models to predict ambient ozone and NOx concentrations in Tianjin, China. Atmospheric Environment, 2019, 213, 37-46.	1.9	6
24	Characteristics, Source Contributions, and Source-Specific Health Risks of PM2.5-Bound Polycyclic Aromatic Hydrocarbons for Senior Citizens during the Heating Season in Tianjin, China. International Journal of Environmental Research and Public Health, 2022, 19, 4440.	1.2	5
25	A randomized, double-blind, crossover intervention study of traffic-related air pollution and airway inflammation in healthy adults. Environmental Epidemiology, 2019, 3, e066.	1.4	4
26	Long-term exposure to high particulate matter pollution and incident hypertension: a 12-year cohort study in northern China. Journal of Human Hypertension, 2021, 35, 1129-1138.	1.0	3