Peng Gao

List of Publications by Year
in descending order

35 papers	1,310 citations	331259 21 h-index	360668 35 g-index
39 all docs	39 docs citations	39 times ranked	1552 citing authors

#	Article	IF	Citations
1	Molecular mechanisms of PFOA-induced toxicity in animals and humans: Implications for health risks. Environment International, 2017, 99, 43-54.	4.8	168
2	Human exposure to polycyclic aromatic hydrocarbons: Metabolomics perspective. Environment International, 2018, 119, 466-477.	4.8	164
3	Metal concentrations in traditional and herbal teas and their potential risks to human health. Science of the Total Environment, 2018, 633, 649-657.	3.9	82
4	PAHs in urban soils of two Florida cities: Background concentrations, distribution, and sources. Chemosphere, 2019, 214, 220-227.	4.2	79
5	The Exposome in the Era of One Health. Environmental Science & Technology, 2021, 55, 2790-2799.	4.6	65
6	Biochar impacts on phosphorus cycling in rice ecosystem. Chemosphere, 2019, 225, 311-319.	4.2	63
7	Background concentrations of trace metals As, Ba, Cd, Co, Cu, Ni, Pb, Se, and Zn in 214 Florida urban soils: Different cities and land uses. Environmental Pollution, 2020, 264, 114737.	3.7	54
8	Effects of organophosphorus flame retardant TDCPP on normal human corneal epithelial cells: Implications for human health. Environmental Pollution, 2017, 230, 22-30.	3.7	51
9	Sequential dispersive liquidâ€“liquid microextraction for the determination of aryloxyphenoxyâ€propionate herbicides in water. Journal of Separation Science, 2012, 35, 3389-3395.	1.3	46
10	Spatial and temporal changes of P and Ca distribution and fractionation in soil and sediment in a karst farmland-wetland system. Chemosphere, 2019, 220, 644-650.	4.2	41
11	Emerging and legacy PAHs in urban soils of four small cities: Concentrations, distribution, and sources. Science of the Total Environment, 2019, 685, 463-470.	3.9	38
12	Applications and challenges of elemental sulfur, nanosulfur, polymeric sulfur, sulfur composites, and plasmonic nanostructures. Critical Reviews in Environmental Science and Technology, 2019, 49, 2314-2358.	6.6	37
13	Emerging PAHs in urban soils: Concentrations, bioaccessibility, and spatial distribution. Science of the Total Environment, 2019, 670, 800-805.	3.9	36
14	Source identification of PAHs in soils based on stable carbon isotopic signatures. Critical Reviews in Environmental Science and Technology, 2018, 48, 923-948.	6.6	31
15	Photochemical impacts on the toxicity of PM_{2.5}. Critical Reviews in Environmental Science and Technology, 2022, 52, 130-156.	6.6	31
16	Biochar impact on chromium accumulation by rice through Fe microbial-induced redox transformation. Journal of Hazardous Materials, 2020, 388, 121807.	6.5	29
17	Precision environmental health monitoring by longitudinal exposome and multi-omics profiling. Genome Research, 2022, 32, 1199-1214.	2.4	26
18	Bioaccessibility of PAHs in contaminated soils: Comparison of five in vitro methods with Tenax as a sorption sink. Science of the Total Environment, 2017, 601-602, 968-974.	3.9	25

#	Article	IF	Citations
19	Cellular responses of normal (HL-7702) and cancerous (HepG2) hepatic cells to dust extract exposure. Chemosphere, 2018, 193, 1189-1197.	4.2	25
20	Water extract of indoor dust induces tight junction disruption in normal human corneal epithelial cells. Environmental Pollution, 2018, 243, 301-307.	3.7	24
21	Relative bioavailability and bioaccessibility of PCBs in soils based on a mouse model and Tenax-improved physiologically-based extraction test. Chemosphere, 2017, 186, 709-715.	4.2	22
22	Ionic liquid-based totally organic solvent-free emulsification microextraction coupled with high performance liquid chromatography for the determination of three acaricides in fruit juice. Talanta, 2013, 115, 556-562.	2.9	21
23	Decoding personal biotic and abiotic airborne exposome. Nature Protocols, 2021, 16, 1129-1151.	5.5	21
24	Catabolism of (2E)-4-Hydroxy-2-nonenal via Ï‰- and Ï‰-1-Oxidation Stimulated by Ketogenic Diet. Journal of Biological Chemistry, 2014, 289, 32327-32338.	1.6	17
25	Endocrine disrupting toxicity of aryl organophosphate esters and mode of action. Critical Reviews in Environmental Science and Technology, 2023, 53, 1-18.	6.6	17
26	Contribution of Asphalt Products to Total and Bioaccessible Polycyclic Aromatic Hydrocarbons. International Journal of Environmental Research, 2019, 13, 499-509.	1.1	16
27	Interactive effects of chromate and arsenate on their uptake and speciation in Pteris ensiformis. Plant and Soil, 2018, 422, 515-526.	1.8	14
28	The Exposome in the Era of the Quantified Self. Annual Review of Biomedical Data Science, 2021, 4, 255-277.	2.8	10
29	Sources, environmental levels, and health risks of PM2.5-bound polycyclic aromatic hydrocarbons in energy-producing cities in northern China. Environmental Pollution, 2021, 272, 116024.	3.7	9
30	Biochar promotes arsenic sequestration on iron plaques and cell walls in rice roots. Chemosphere, 2022, 288, 132422.	4.2	9
31	Slow-Injection Ultrasound-Assisted Emulsiï¬cationâ€“Microextraction for Determination of Phthalate Esters in Waterâ€. Journal of Chromatographic Science, 2014, 52, 1127-1134.	0.7	8
32	Dermal bioaccessibility and cytotoxicity of heavy metals in urban soils from a typical plateau city: Implication for human health. Science of the Total Environment, 2022, 835, 155544.	3.9	7
33	Effects of copper and arsenic on their uptake and distribution in As-hyperaccumulator Pteris vittata. Environmental Pollution, 2022, 300, 118982.	3.7	6
34	Exposome-wide Association Study for Metabolic Syndrome. Frontiers in Genetics, 2021, 12, 783930.	1.1	6
35	Polycyclic aromatic hydrocarbons in processed yard trash. Waste Management and Research, 2020, 38, 825-830.	2.2	5