

Peng Gao

List of Publications by Year in descending order

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Version: 2024-02-01

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	Endocrine disrupting toxicity of aryl organophosphate esters and mode of action. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 1-18.	6.6	17
2	Photochemical impacts on the toxicity of PM _{2.5} . <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 130-156.	6.6	31
3	Biochar promotes arsenic sequestration on iron plaques and cell walls in rice roots. <i>Chemosphere</i> , 2022, 288, 132422.	4.2	9
4	Effects of copper and arsenic on their uptake and distribution in As-hyperaccumulator <i>Pteris vittata</i> . <i>Environmental Pollution</i> , 2022, 300, 118982.	3.7	6
5	Dermal bioaccessibility and cytotoxicity of heavy metals in urban soils from a typical plateau city: Implication for human health. <i>Science of the Total Environment</i> , 2022, 835, 155544.	3.9	7
6	Precision environmental health monitoring by longitudinal exposome and multi-omics profiling. <i>Genome Research</i> , 2022, 32, 1199-1214.	2.4	26
7	Sources, environmental levels, and health risks of PM _{2.5} -bound polycyclic aromatic hydrocarbons in energy-producing cities in northern China. <i>Environmental Pollution</i> , 2021, 272, 116024.	3.7	9
8	Decoding personal biotic and abiotic airborne exposome. <i>Nature Protocols</i> , 2021, 16, 1129-1151.	5.5	21
9	The Exposome in the Era of One Health. <i>Environmental Science & Technology</i> , 2021, 55, 2790-2799.	4.6	65
10	The Exposome in the Era of the Quantified Self. <i>Annual Review of Biomedical Data Science</i> , 2021, 4, 255-277.	2.8	10
11	Exposome-wide Association Study for Metabolic Syndrome. <i>Frontiers in Genetics</i> , 2021, 12, 783930.	1.1	6
12	Biochar impact on chromium accumulation by rice through Fe microbial-induced redox transformation. <i>Journal of Hazardous Materials</i> , 2020, 388, 121807.	6.5	29
13	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. <i>Environmental Pollution</i> , 2020, 264, 114737.	3.7	54
14	Polycyclic aromatic hydrocarbons in processed yard trash. <i>Waste Management and Research</i> , 2020, 38, 825-830.	2.2	5
15	Emerging and legacy PAHs in urban soils of four small cities: Concentrations, distribution, and sources. <i>Science of the Total Environment</i> , 2019, 685, 463-470.	3.9	38
16	Applications and challenges of elemental sulfur, nanosulfur, polymeric sulfur, sulfur composites, and plasmonic nanostructures. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 2314-2358.	6.6	37
17	Contribution of Asphalt Products to Total and Bioaccessible Polycyclic Aromatic Hydrocarbons. <i>International Journal of Environmental Research</i> , 2019, 13, 499-509.	1.1	16
18	Emerging PAHs in urban soils: Concentrations, bioaccessibility, and spatial distribution. <i>Science of the Total Environment</i> , 2019, 670, 800-805.	3.9	36

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19	Biochar impacts on phosphorus cycling in rice ecosystem. <i>Chemosphere</i> , 2019, 225, 311-319.	4.2	63
20	PAHs in urban soils of two Florida cities: Background concentrations, distribution, and sources. <i>Chemosphere</i> , 2019, 214, 220-227.	4.2	79
21	Spatial and temporal changes of P and Ca distribution and fractionation in soil and sediment in a karst farmland-wetland system. <i>Chemosphere</i> , 2019, 220, 644-650.	4.2	41
22	Cellular responses of normal (HL-7702) and cancerous (HepG2) hepatic cells to dust extract exposure. <i>Chemosphere</i> , 2018, 193, 1189-1197.	4.2	25
23	Metal concentrations in traditional and herbal teas and their potential risks to human health. <i>Science of the Total Environment</i> , 2018, 633, 649-657.	3.9	82
24	Interactive effects of chromate and arsenate on their uptake and speciation in <i>Pteris ensiformis</i> . <i>Plant and Soil</i> , 2018, 422, 515-526.	1.8	14
25	Source identification of PAHs in soils based on stable carbon isotopic signatures. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 923-948.	6.6	31
26	Water extract of indoor dust induces tight junction disruption in normal human corneal epithelial cells. <i>Environmental Pollution</i> , 2018, 243, 301-307.	3.7	24
27	Human exposure to polycyclic aromatic hydrocarbons: Metabolomics perspective. <i>Environment International</i> , 2018, 119, 466-477.	4.8	164
28	Effects of organophosphorus flame retardant TDCPP on normal human corneal epithelial cells: Implications for human health. <i>Environmental Pollution</i> , 2017, 230, 22-30.	3.7	51
29	Bioaccessibility of PAHs in contaminated soils: Comparison of five in vitro methods with Tenax as a sorption sink. <i>Science of the Total Environment</i> , 2017, 601-602, 968-974.	3.9	25
30	Relative bioavailability and bioaccessibility of PCBs in soils based on a mouse model and Tenax-improved physiologically-based extraction test. <i>Chemosphere</i> , 2017, 186, 709-715.	4.2	22
31	Molecular mechanisms of PFOA-induced toxicity in animals and humans: Implications for health risks. <i>Environment International</i> , 2017, 99, 43-54.	4.8	168
32	Catabolism of (2E)-4-Hydroxy-2-nonenal via α - and β -1-Oxidation Stimulated by Ketogenic Diet. <i>Journal of Biological Chemistry</i> , 2014, 289, 32327-32338.	1.6	17
33	Slow-Injection Ultrasound-Assisted Emulsification- μ Microextraction for Determination of Phthalate Esters in Water. <i>Journal of Chromatographic Science</i> , 2014, 52, 1127-1134.	0.7	8
34	Ionic liquid-based totally organic solvent-free emulsification microextraction coupled with high performance liquid chromatography for the determination of three acaricides in fruit juice. <i>Talanta</i> , 2013, 115, 556-562.	2.9	21
35	Sequential dispersive liquid- μ liquid microextraction for the determination of aryloxyphenoxy- ϵ propionate herbicides in water. <i>Journal of Separation Science</i> , 2012, 35, 3389-3395.	1.3	46