Wei Chen

List of Publications by Year
in descending order

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		218677	243625
49	2,034	26	44
papers	citations	h-index	g-index

49	49	49	2157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aging Significantly Affects Mobility and Contaminant-Mobilizing Ability of Nanoplastics in Saturated Loamy Sand. Environmental Science & Technology, 2019, 53, 5805-5815.	10.0	258
2	Raman spectra and surface changes of microplastics weathered under natural environments. Science of the Total Environment, 2020, 739, 139990.	8.0	155
3	Spatial and seasonal variations of antibiotics in river waters in the Haihe River Catchment in China and ecotoxicological risk assessment. Environment International, 2019, 130, 104919.	10.0	104
4	Risk assessment and influence factors of organochlorine pesticides (OCPs) in agricultural soils of the hill region: A case study from Ningde, southeast China. Journal of Geochemical Exploration, 2015, 149, 43-51.	3.2	97
5	Diffusive gradients in thin-films (DGT) for in situ sampling of selected endocrine disrupting chemicals (EDCs) in waters. Water Research, 2018, 137, 211-219.	11.3	97
6	DGT Passive Sampling for Quantitative in Situ Measurements of Compounds from Household and Personal Care Products in Waters. Environmental Science & Technology, 2017, 51, 13274-13281.	10.0	79
7	The status of organochlorine pesticide contamination in the soils of the Campanian Plain, southern Italy, and correlations with soil properties and cancer risk. Environmental Pollution, 2016, 216, 500-511.	7.5	71
8	Organochlorine pesticides in the surface water and sediments from the Peacock River Drainage Basin in Xinjiang, China: a study of an arid zone in Central Asia. Environmental Monitoring and Assessment, 2011, 177, 1-21.	2.7	67
9	Polycyclic aromatic hydrocarbons in the soils of a densely populated region and associated human health risks: the Campania Plain (Southern Italy) case study. Environmental Geochemistry and Health, 2015, 37, 1-20.	3.4	63
10	Residues of Organochlorine Pesticides (OCPs) in Agricultural Soils of Zhangzhou City, China. Pedosphere, 2012, 22, 178-189.	4.0	59
11	Estrogens in municipal wastewater and receiving waters in the Beijing-Tianjin-Hebei region, China: Occurrence and risk assessment of mixtures. Journal of Hazardous Materials, 2020, 389, 121891.	12.4	59
12	Assessment of estrogenic contamination and biological effects in Lake Taihu. Ecotoxicology, 2011, 20, 974-981.	2.4	58
13	Heavy metals in paddy soil-rice systems of industrial and township areas from subtropical China: Levels, transfer and health risks. Journal of Geochemical Exploration, 2018, 194, 210-217.	3.2	53
14	Assessment of multiple and interacting modes of soil loss in the karst critical zone, Southwest China (SWC). Geomorphology, 2018, 322, 97-106.	2.6	45
15	Mass spectrometry-based metabolomics reveals the mechanism of ambient fine particulate matter and its components on energy metabolic reprogramming in BEAS-2B cells. Science of the Total Environment, 2019, 651, 3139-3150.	8.0	45
16	Effects of dust storm PM2.5 on cell proliferation and cell cycle in human lung fibroblasts. Toxicology in Vitro, 2007, 21, 632-638.	2.4	41
17	In situ measurement of solution concentrations and fluxes of sulfonamides and trimethoprim antibiotics in soils using o-DGT. Talanta, 2015, 132, 902-908.	5.5	41
18	The cellular effects of PM2.5 collected in Chinese Taiyuan and Guangzhou and their associations with polycyclic aromatic hydrocarbons (PAHs), nitro-PAHs and hydroxy-PAHs. Ecotoxicology and Environmental Safety, 2020, 191, 110225.	6.0	39

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19	Simultaneous determination of 20 trace organic chemicals in waters by solid-phase extraction (SPE) with triple-quadrupole mass spectrometer (QqQ-MS) and hybrid quadrupole Orbitrap high resolution MS (Q-Orbitrap-HRMS). Chemosphere, 2016, 163, 99-107.	8.2	38
20	Historical residues of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in a flood sediment profile from the Longwang Cave in Yichang, China. Ecotoxicology and Environmental Safety, 2020, 196, 110542.	6.0	35
21	Preliminary assessment of heavy metal contamination in surface water and sediments from Honghu Lake, East Central China. Frontiers of Earth Science, 2012, 6, 39-47.	2.1	34
22	Sources and transformation pathways for dichlorodiphenyltrichloroethane (DDT) and metabolites in soils from Northwest Fujian, China. Environmental Pollution, 2018, 235, 560-570.	7.5	34
23	Two-way long-range atmospheric transport of organochlorine pesticides (OCPs) between the Yellow River source and the Sichuan Basin, Western China. Science of the Total Environment, 2019, 651, 3230-3240.	8.0	31
24	Determination of PM2.5-bound polyaromatic hydrocarbons and their hydroxylated derivatives by atmospheric pressure gas chromatography-tandem mass spectrometry. Talanta, 2019, 195, 757-763.	5.5	31
25	Rapid transport of organochlorine pesticides (OCPs) in multimedia environment from karst area. Science of the Total Environment, 2021, 775, 145698.	8.0	31
26	Development of a Passive Sampling Technique for Measuring Pesticides in Waters and Soils. Journal of Agricultural and Food Chemistry, 2019, 67, 6397-6406.	5.2	28
27	Spatio-temporal variations and influencing factors of polycyclic aromatic hydrocarbons in atmospheric bulk deposition along a plain-mountain transect in western China. Atmospheric Environment, 2016, 139, 131-138.	4.1	26
28	The occurrence of home and personal care products in the Haihe River catchment and estimation of human exposure. Science of the Total Environment, 2018, 643, 63-72.	8.0	24
29	Determination of HFRs and OPFRs in PM2.5 by ultrasonic-assisted extraction combined with multi-segment column purification and GC-MS/MS. Talanta, 2019, 194, 320-328.	5.5	24
30	Organochlorine pesticides (OCPs) in soils of the coastal areas along Sanduao Bay and Xinghua Bay, southeast China. Journal of Geochemical Exploration, 2013, 125, 153-158.	3.2	23
31	Investigation on Metabolism of Di(2-Ethylhexyl) Phthalate in Different Trimesters of Pregnant Women. Environmental Science & Technology, 2018, 52, 12851-12858.	10.0	22
32	Organochlorine Pesticides in Karst Soil: Levels, Distribution, and Source Diagnosis. International Journal of Environmental Research and Public Health, 2021, 18, 11589.	2.6	22
33	Trace metals in aquatic environments of a mangrove ecosystem in Nansha, Guangzhou, South China: pollution status, sources, and ecological risk assessment. Environmental Monitoring and Assessment, 2019, 191, 629.	2.7	21
34	How persistent are POPs in remote areas? A case study of DDT degradation in the Qinghai-Tibet Plateau, China. Environmental Pollution, 2020, 263, 114574.	7.5	17
35	Geochemical markers of the Anthropocene: Perspectives from temporal trends in pollutants. Science of the Total Environment, 2021, 763, 142987.	8.0	17
36	Pollution characteristics and mixture risk prediction of phenolic environmental estrogens in rivers of the Beijingâ€“Tianjinâ€“Hebei urban agglomeration, China. Science of the Total Environment, 2021, 787, 147646.	8.0	17

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37	Background levels of OCPs, PCBs, and PAHs in soils from the eastern Pamirs, China, an alpine region influenced by westerly atmospheric transport. Journal of Environmental Sciences, 2022, 115, 453-464.	6.1	16
38	Potentially Toxic Metals in Soil and Dominant Plants from Tonglushan Cuâ€“Fe Deposit, Central China. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 92-97.	2.7	15
39	Occurrence, risk assessment, and source of heavy metals in Liaohe River Protected Area from the watershed of Bohai Sea, China. Marine Pollution Bulletin, 2021, 169, 112489.	5.0	15
40	Distribution, sources and transport of polycyclic aromatic hydrocarbons (PAHs) in karst spring systems from Western Hubei, Central China. Chemosphere, 2022, 300, 134502.	8.2	14
41	Tetrafluoroterephthalonitrile-crosslinked Î²-cyclodextrin polymer as a binding agent of diffusive gradients in thin-films for sampling endocrine disrupting chemicals in water. Chemosphere, 2021, 280, 130774.	8.2	13
42	Water geochemical characteristic variations in and around a karst-dominated natural reserve area, southwestern China. Environmental Earth Sciences, 2011, 64, 1051-1058.	2.7	12
43	Distribution and Potential Sources of OCPs and PAHs in Waters from the Danshui River Basin in Yichang, China. International Journal of Environmental Research and Public Health, 2022, 19, 263.	2.6	12
44	Concentrations and classification of HCHs and DDTs in soil from the lower reaches of the Jiulong River, China. Frontiers of Environmental Science and Engineering, 2012, 6, 177-183.	6.0	10
45	An interpretation of water recharge in karst trough zone as determined by high-resolution tracer experiments in western Hubei, China. Environmental Earth Sciences, 2020, 79, 1.	2.7	10
46	Promising Low-Cost Adsorbent from Waste Green Tea Leaves for Phenol Removal in Aqueous Solution. International Journal of Environmental Research and Public Health, 2022, 19, 6396.	2.6	9
47	Removal of ppb-level DDTs from aqueous solution using organo-diatomites. Water Quality Research Journal of Canada, 2013, 48, 266-278.	2.7	2
48	Concentrations and Influencing Factors of Hexachlorocyclohexanes (HCHs) in the Peacock River of Xinjiang, Northwest China. , 2009, , .		0
49	Temporal variation analysis of carbon flux of urban ecosystem in Xianning. , 2011, , .		0