Shenglu Zhou

List of Publications by Year
in descending order

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55 papers	2,617 citations	304743 22 h-index	189892 50 g-index
55 all docs	55 docs citations	55 times ranked	2782 citing authors

#	Article	IF	Citations
1	Heavy metals in wheat grain: Assessment of potential health risk for inhabitants in Kunshan, China. Science of the Total Environment, 2008, 405, 54-61.	8.0	308
2	Microplastics in soils: A review of methods, occurrence, fate, transport, ecological and environmental risks. Science of the Total Environment, 2020, 748, 141368.	8.0	242
3	Heavy metals in food crops, soil, and water in the Lihe River Watershed of the Taihu Region and their potential health risks when ingested. Science of the Total Environment, 2018, 615, 141-149.	8.0	222
4	Polycyclic aromatic hydrocarbons in soils from urban to rural areas in Nanjing: Concentration, source, spatial distribution, and potential human health risk. Science of the Total Environment, 2015, 527-528, 375-383.	8.0	208
5	Cadmium pollution of soil-rice ecosystems in rice cultivation dominated regions in China: A review. Environmental Pollution, 2021, 280, 116965.	7.5	136
6	Improving risk management by using the spatial interaction relationship of heavy metals and PAHs in urban soil. Journal of Hazardous Materials, 2019, 364, 108-116.	12.4	132
7	Characteristics, sources and health risk assessment of airborne particulate PAHs in Chinese cities: A review. Environmental Pollution, 2019, 248, 804-814.	7.5	131
8	Characteristics and Source Identification of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Soils: A Review. Pedosphere, 2017, 27, 17-26.	4.0	130
9	Combining emission inventory and isotope ratio analyses for quantitative source apportionment of heavy metals in agricultural soil. Chemosphere, 2018, 204, 140-147.	8.2	75
10	One-century sedimentary record of heavy metal pollution in western Taihu Lake, China. Environmental Pollution, 2018, 240, 709-716.	7.5	73
11	Determining the anthropogenic contribution of heavy metal accumulations around a typical industrial town: Xushe, China. Journal of Geochemical Exploration, 2011, 110, 92-97.	3.2	65
12	Human health risks of polycyclic aromatic hydrocarbons in the urban soils of Nanjing, China. Science of the Total Environment, 2018, 612, 750-757.	8.0	54
13	Temporal and spatial distributions and sources of heavy metals in atmospheric deposition in western Taihu Lake, China. Environmental Pollution, 2021, 284, 117465.	7.5	52
14	Identification of the sources and influencing factors of potentially toxic elements accumulation in the soil from a typical karst region in Guangxi, Southwest China. Environmental Pollution, 2020, 256, 113505.	7.5	50
15	Determination of influencing factors on historical concentration variations of PAHs in West Taihu Lake, China. Environmental Pollution, 2019, 249, 573-580.	7.5	44
16	Concentration, fluxes, risks, and sources of heavy metals in atmospheric deposition in the Lihe River watershed, Taihu region, eastern China. Environmental Pollution, 2019, 255, 113301.	7.5	39
17	Heavy metal distribution, relationship and prediction in a wheat-rice rotation system. Geoderma, 2019, 354, 113886.	5.1	37
18	Multiple landscape â€œsourceâ€“sinkâ€•structures for the monitoring and management of non-point source organic carbon loss in a peri-urban watershed. Catena, 2016, 145, 15-29.	5.0	33

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19	Polycyclic aromatic hydrocarbons and heavy metals in urban environments: Concentrations and joint risks in surface soils with diverse land uses. Land Degradation and Development, 2020, 31, 383-391.	3.9	28
20	Comparison Study on the Estimation of the Spatial Distribution of Regional Soil Metal(loid)s Pollution Based on Kriging Interpolation and BP Neural Network. International Journal of Environmental Research and Public Health, 2018, 15, 34.	2.6	27
21	Modeling and mapping of critical loads for heavy metals in Kunshan soil. Science of the Total Environment, 2016, 569-570, 191-200.	8.0	26
22	Deciphering the origins, composition and microbial fate of dissolved organic matter in agro-urban headwater streams. Science of the Total Environment, 2019, 659, 1484-1495.	8.0	25
23	Influence of Industrialization and Environmental Protection on Environmental Pollution: A Case Study of Taihu Lake, China. International Journal of Environmental Research and Public Health, 2018, 15, 2628.	2.6	24
24	Heavy Metals in Agricultural Soils of the Lihe River Watershed, East China: Spatial Distribution, Ecological Risk, and Pollution Source. International Journal of Environmental Research and Public Health, 2019, 16, 2094.	2.6	24
25	Healthy city development for Chinese cities under dramatic imbalance: evidence from 258 cities. Sustainable Cities and Society, 2021, 74, 103157.	10.4	24
26	A modified receptor model for historical source apportionment of polycyclic aromatic hydrocarbons in sediment. Science of the Total Environment, 2020, 702, 134931.	8.0	23
27	Arable land and water footprints for food consumption in China: From the perspective of urban and rural dietary change. Science of the Total Environment, 2022, 838, 155749.	8.0	23
28	Spatio-temporal distribution and influencing factors of atmospheric polycyclic aromatic hydrocarbons in the Yangtze River Delta. Journal of Cleaner Production, 2020, 267, 122049.	9.3	22
29	An improved gridded polycyclic aromatic hydrocarbon emission inventory for the lower reaches of the Yangtze River Delta region from 2001 to 2015 using satellite data. Journal of Hazardous Materials, 2018, 360, 329-339.	12.4	21
30	New Method for Improving Spatial Allocation Accuracy of Industrial Energy Consumption and Implications for Polycyclic Aromatic Hydrocarbon Emissions in China. Environmental Science & Technology, 2019, 53, 4326-4334.	10.0	21
31	Hillslope soil moisture temporal stability under two contrasting land use types during different time periods. Environmental Earth Sciences, 2016, 75, 1.	2.7	20
32	Analysis of Historical Sources of Heavy Metals in Lake Taihu Based on the Positive Matrix Factorization Model. International Journal of Environmental Research and Public Health, 2018, 15, 1540.	2.6	20
33	Application of APCA-MLR receptor model for source apportionment of char and soot in sediments. Science of the Total Environment, 2020, 746, 141165.	8.0	20
34	Microplastics in urban soils of Nanjing in eastern China: Occurrence, relationships, and sources. Chemosphere, 2022, 303, 134999.	8.2	20
35	Spatial distribution and sources of soil heavy metals in the outskirts of Yixing City, Jiangsu Province, China. Science Bulletin, 2008, 53, 188-198.	9.0	19
36	Surface water polycyclic aromatic hydrocarbons (PAH) in urban areas of Nanjing, China. Water Science and Technology, 2017, 76, 2150-2157.	2.5	19

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37	An approach to partition the anthropogenic and natural components of heavy metal accumulations in roadside agricultural soil. Environmental Monitoring and Assessment, 2011, 173, 871-881.	2.7	18
38	Exposure to polycyclic aromatic hydrocarbons (PAHs) in people living in urban and rural areas as revealed by hair analysis. Chemosphere, 2020, 246, 125764.	8.2	17
39	Formation mechanism of soil PAH distribution: High and low urbanization. Geoderma, 2020, 367, 114271.	5.1	16
40	Heavy-metal accumulation trends in Yixing, China: an area of rapid economic development. Environmental Earth Sciences, 2010, 61, 79-86.	2.7	15
41	Developing a Black Carbon-Substituted Multimedia Model for Simulating the PAH Distributions in Urban Environments. Scientific Reports, 2017, 7, 14548.	3.3	15
42	Relationships Between Intensity Gradation and Evolution of Soil Erosion: A Case Study of Changting in Fujian Province, China. Pedosphere, 2012, 22, 243-253.	4.0	14
43	Land-use regionalization based on landscape pattern indices using rough set theory and catastrophe progression method. Environmental Earth Sciences, 2015, 73, 1611-1620.	2.7	13
44	An integrated methodology for improving heavy metal risk management in soil-rice system. Journal of Cleaner Production, 2020, 273, 122797.	9.3	13
45	Elemental carbon components and PAHs in soils from different areas of the Yangtze River Delta region, China and their relationship. Catena, 2021, 199, 105086.	5.0	12
46	Spatiotemporal distribution and dynamic modeling of atmospheric gaseous polycyclic aromatic hydrocarbons in a rapidly urbanizing city: Nanjing, China. Environmental Geochemistry and Health, 2018, 40, 2603-2616.	3.4	9
47	Spatial distribution and changes of heavy metals of agricultural lands in typical pregrading coast in Dongtai City, Jiangsu Province, China. Chinese Geographical Science, 2008, 18, 276-283.	3.0	7
48	Spectral response of different eroded soils in subtropical china: A case study in Changting County, China. Journal of Mountain Science, 2014, 11, 697-707.	2.0	7
49	Optimization of Sample Points for Monitoring Arable Land Quality by Simulated Annealing while Considering Spatial Variations. International Journal of Environmental Research and Public Health, 2016, 13, 980.	2.6	7
50	Simulating Sustainable Urban Development by Incorporating Social-ecological Risks into a Constrained CA Model. Chinese Geographical Science, 2018, 28, 600-611.	3.0	7
51	SOIL HEAVY METAL CONTAMINATION IN RURAL LAND CONSOLIDATION AREAS IN THE YANGTZE RIVER DELTA, CHINA. Journal of Environmental Engineering and Landscape Management, 2018, 26, 28-37.	1.0	5
52	Terrestrially derived glomalin-related soil protein quality as a potential ecological indicator in a peri-urban watershed. Environmental Monitoring and Assessment, 2017, 189, 315.	2.7	2
53	Pb Content, Risk Level and Primary-Source Apportionment in Wheat and Rice Grains in the Lihe River Watershed, Taihu Region, Eastern China. International Journal of Environmental Research and Public Health, 2021, 18, 6256.	2.6	2
54	Factors influencing farmers' intentions for urbanâ€“rural harmony in metropolitan fringes and regional differences therein. Papers in Regional Science, 2020, 99, 201-225.	1.9	1

#	Article	IF	Citations
55	Source Apportionment and Health Risk Assessment of Heavy Metals in Endemic Tree Species in Southern China: A Case Study of Cinnamomum camphora (L.) Presl. Frontiers in Plant Science, 0, 13, .	3.6	0