

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	Arable land and water footprints for food consumption in China: From the perspective of urban and rural dietary change. <i>Science of the Total Environment</i> , 2022, 838, 155749.	8.0	23
2	Microplastics in urban soils of Nanjing in eastern China: Occurrence, relationships, and sources. <i>Chemosphere</i> , 2022, 303, 134999.	8.2	20
3	Elemental carbon components and PAHs in soils from different areas of the Yangtze River Delta region, China and their relationship. <i>Catena</i> , 2021, 199, 105086.	5.0	12
4	Pb Content, Risk Level and Primary-Source Apportionment in Wheat and Rice Grains in the Lihe River Watershed, Taihu Region, Eastern China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6256.	2.6	2
5	Cadmium pollution of soil-rice ecosystems in rice cultivation dominated regions in China: A review. <i>Environmental Pollution</i> , 2021, 280, 116965.	7.5	136
6	Temporal and spatial distributions and sources of heavy metals in atmospheric deposition in western Taihu Lake, China. <i>Environmental Pollution</i> , 2021, 284, 117465.	7.5	52
7	Healthy city development for Chinese cities under dramatic imbalance: evidence from 258 cities. <i>Sustainable Cities and Society</i> , 2021, 74, 103157.	10.4	24
8	Polycyclic aromatic hydrocarbons and heavy metals in urban environments: Concentrations and joint risks in surface soils with diverse land uses. <i>Land Degradation and Development</i> , 2020, 31, 383-391.	3.9	28
9	Identification of the sources and influencing factors of potentially toxic elements accumulation in the soil from a typical karst region in Guangxi, Southwest China. <i>Environmental Pollution</i> , 2020, 256, 113505.	7.5	50
10	Factors influencing farmers' intentions for urban-rural harmony in metropolitan fringes and regional differences therein. <i>Papers in Regional Science</i> , 2020, 99, 201-225.	1.9	1
11	A modified receptor model for historical source apportionment of polycyclic aromatic hydrocarbons in sediment. <i>Science of the Total Environment</i> , 2020, 702, 134931.	8.0	23
12	Exposure to polycyclic aromatic hydrocarbons (PAHs) in people living in urban and rural areas as revealed by hair analysis. <i>Chemosphere</i> , 2020, 246, 125764.	8.2	17
13	Application of APCA-MLR receptor model for source apportionment of char and soot in sediments. <i>Science of the Total Environment</i> , 2020, 746, 141165.	8.0	20
14	Microplastics in soils: A review of methods, occurrence, fate, transport, ecological and environmental risks. <i>Science of the Total Environment</i> , 2020, 748, 141368.	8.0	242
15	An integrated methodology for improving heavy metal risk management in soil-rice system. <i>Journal of Cleaner Production</i> , 2020, 273, 122797.	9.3	13
16	Spatio-temporal distribution and influencing factors of atmospheric polycyclic aromatic hydrocarbons in the Yangtze River Delta. <i>Journal of Cleaner Production</i> , 2020, 267, 122049.	9.3	22
17	Formation mechanism of soil PAH distribution: High and low urbanization. <i>Geoderma</i> , 2020, 367, 114271.	5.1	16
18	Heavy metal distribution, relationship and prediction in a wheat-rice rotation system. <i>Geoderma</i> , 2019, 354, 113886.	5.1	37

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19	Concentration, fluxes, risks, and sources of heavy metals in atmospheric deposition in the Lihe River watershed, Taihu region, eastern China. <i>Environmental Pollution</i> , 2019, 255, 113301.	7.5	39
20	Heavy Metals in Agricultural Soils of the Lihe River Watershed, East China: Spatial Distribution, Ecological Risk, and Pollution Source. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2094.	2.6	24
21	Characteristics, sources and health risk assessment of airborne particulate PAHs in Chinese cities: A review. <i>Environmental Pollution</i> , 2019, 248, 804-814.	7.5	131
22	New Method for Improving Spatial Allocation Accuracy of Industrial Energy Consumption and Implications for Polycyclic Aromatic Hydrocarbon Emissions in China. <i>Environmental Science & Technology</i> , 2019, 53, 4326-4334.	10.0	21
23	Determination of influencing factors on historical concentration variations of PAHs in West Taihu Lake, China. <i>Environmental Pollution</i> , 2019, 249, 573-580.	7.5	44
24	Deciphering the origins, composition and microbial fate of dissolved organic matter in agro-urban headwater streams. <i>Science of the Total Environment</i> , 2019, 659, 1484-1495.	8.0	25
25	Improving risk management by using the spatial interaction relationship of heavy metals and PAHs in urban soil. <i>Journal of Hazardous Materials</i> , 2019, 364, 108-116.	12.4	132
26	Combining emission inventory and isotope ratio analyses for quantitative source apportionment of heavy metals in agricultural soil. <i>Chemosphere</i> , 2018, 204, 140-147.	8.2	75
27	Heavy metals in food crops, soil, and water in the Lihe River Watershed of the Taihu Region and their potential health risks when ingested. <i>Science of the Total Environment</i> , 2018, 615, 141-149.	8.0	222
28	Human health risks of polycyclic aromatic hydrocarbons in the urban soils of Nanjing, China. <i>Science of the Total Environment</i> , 2018, 612, 750-757.	8.0	54
29	Influence of Industrialization and Environmental Protection on Environmental Pollution: A Case Study of Taihu Lake, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2628.	2.6	24
30	One-century sedimentary record of heavy metal pollution in western Taihu Lake, China. <i>Environmental Pollution</i> , 2018, 240, 709-716.	7.5	73
31	Simulating Sustainable Urban Development by Incorporating Social-ecological Risks into a Constrained CA Model. <i>Chinese Geographical Science</i> , 2018, 28, 600-611.	3.0	7
32	Spatiotemporal distribution and dynamic modeling of atmospheric gaseous polycyclic aromatic hydrocarbons in a rapidly urbanizing city: Nanjing, China. <i>Environmental Geochemistry and Health</i> , 2018, 40, 2603-2616.	3.4	9
33	Comparison Study on the Estimation of the Spatial Distribution of Regional Soil Metal(loid)s Pollution Based on Kriging Interpolation and BP Neural Network. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 34.	2.6	27
34	Analysis of Historical Sources of Heavy Metals in Lake Taihu Based on the Positive Matrix Factorization Model. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1540.	2.6	20
35	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. <i>Journal of Hazardous Materials</i> , 2018, 360, 329-339.	12.4	21
36	SOIL HEAVY METAL CONTAMINATION IN RURAL LAND CONSOLIDATION AREAS IN THE YANGTZE RIVER DELTA, CHINA. <i>Journal of Environmental Engineering and Landscape Management</i> , 2018, 26, 28-37.	1.0	5

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37	Terrestrially derived glomalin-related soil protein quality as a potential ecological indicator in a peri-urban watershed. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 315.	2.7	2
38	Characteristics and Source Identification of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Soils: A Review. <i>Pedosphere</i> , 2017, 27, 17-26.	4.0	130
39	Surface water polycyclic aromatic hydrocarbons (PAH) in urban areas of Nanjing, China. <i>Water Science and Technology</i> , 2017, 76, 2150-2157.	2.5	19
40	Developing a Black Carbon-Substituted Multimedia Model for Simulating the PAH Distributions in Urban Environments. <i>Scientific Reports</i> , 2017, 7, 14548.	3.3	15
41	Optimization of Sample Points for Monitoring Arable Land Quality by Simulated Annealing while Considering Spatial Variations. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 980.	2.6	7
42	Hillslope soil moisture temporal stability under two contrasting land use types during different time periods. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	20
43	Modeling and mapping of critical loads for heavy metals in Kunshan soil. <i>Science of the Total Environment</i> , 2016, 569-570, 191-200.	8.0	26
44	Multiple landscape "source-sink" structures for the monitoring and management of non-point source organic carbon loss in a peri-urban watershed. <i>Catena</i> , 2016, 145, 15-29.	5.0	33
45	Polycyclic aromatic hydrocarbons in soils from urban to rural areas in Nanjing: Concentration, source, spatial distribution, and potential human health risk. <i>Science of the Total Environment</i> , 2015, 527-528, 375-383.	8.0	208
46	Land-use regionalization based on landscape pattern indices using rough set theory and catastrophe progression method. <i>Environmental Earth Sciences</i> , 2015, 73, 1611-1620.	2.7	13
47	Spectral response of different eroded soils in subtropical china: A case study in Changting County, China. <i>Journal of Mountain Science</i> , 2014, 11, 697-707.	2.0	7
48	Relationships Between Intensity Gradation and Evolution of Soil Erosion: A Case Study of Changting in Fujian Province, China. <i>Pedosphere</i> , 2012, 22, 243-253.	4.0	14
49	Determining the anthropogenic contribution of heavy metal accumulations around a typical industrial town: Xushe, China. <i>Journal of Geochemical Exploration</i> , 2011, 110, 92-97.	3.2	65
50	An approach to partition the anthropogenic and natural components of heavy metal accumulations in roadside agricultural soil. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 871-881.	2.7	18
51	Heavy-metal accumulation trends in Yixing, China: an area of rapid economic development. <i>Environmental Earth Sciences</i> , 2010, 61, 79-86.	2.7	15
52	Spatial distribution and sources of soil heavy metals in the outskirts of Yixing City, Jiangsu Province, China. <i>Science Bulletin</i> , 2008, 53, 188-198.	9.0	19
53	Spatial distribution and changes of heavy metals of agricultural lands in typical pregrading coast in Dongtai City, Jiangsu Province, China. <i>Chinese Geographical Science</i> , 2008, 18, 276-283.	3.0	7
54	Heavy metals in wheat grain: Assessment of potential health risk for inhabitants in Kunshan, China. <i>Science of the Total Environment</i> , 2008, 405, 54-61.	8.0	308

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