shaohua Wu

List of Publications by Year
in descending order

52 papers	2,550 citations	279798 23 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	2737 citing authors

#	Article	IF	Citations
1	Assessing progress towards sustainable development over space and time. Nature, 2020, 577, 74-78.	27.8	407
2	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
3	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
4	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
5	Characteristics, sources and health risk assessment of airborne particulate PAHs in Chinese cities: A review. Environmental Pollution, 2019, 248, 804-814.	7.5	131
6	Characteristics and Source Identification of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Soils: A Review. Pedosphere, 2017, 27, 17-26.	4.0	130
7	Determining the contributions of urbanisation and climate change to NPP variations over the last decade in the Yangtze River Delta, China. Science of the Total Environment, 2014, 472, 397-406.	8.0	121
8	Spatiotemporal interaction between ecosystem services and urbanization: Case study of Nanjing City, China. Ecological Indicators, 2018, 95, 917-929.	6.3	77
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	Urban sprawl decreases the value of ecosystem services and intensifies the supply scarcity of ecosystem services in China. Science of the Total Environment, 2019, 697, 134170.	8.0	64
13	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
14	Virtual land, water, and carbon flow in the inter-province trade of staple crops in China. Resources, Conservation and Recycling, 2018, 136, 179-186.	10.8	43
15	Installation of impervious surface in urban areas affects microbial biomass, activity (potential C) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	40
16	Mycorrhizal Inoculation Affects Pb and Cd Accumulation and Translocation in Pakchoi (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	4.0	40
17	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
18	The positive impacts of landscape fragmentation on the diversification of agricultural production in Zhejiang Province, China. Journal of Cleaner Production, 2020, 251, 119722.	9.3	35

#	ARTICLE	IF	CITATIONS
19	Economic and ecological trade-offs of coastal reclamation in the Hangzhou Bay, China. Ecological Indicators, 2021, 125, 107477.	6.3	33
20	Resources and Environmental Pressure, Carrying Capacity, And Governance: A Case Study of Yangtze River Economic Belt. Sustainability, 2020, 12, 1576.	3.2	31
21	Density and Stability of Soil Organic Carbon beneath Impervious Surfaces in Urban Areas. PLoS ONE, 2014, 9, e109380.	2.5	29
22	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
23	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
24	Can urban public services and ecosystem services achieve positive synergies?. Ecological Indicators, 2021, 124, 107433.	6.3	26
25	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
26	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
27	Healthy city development for Chinese cities under dramatic imbalance: evidence from 258 cities. Sustainable Cities and Society, 2021, 74, 103157.	10.4	24
28	Determining and mapping the spatial mismatch between soil and rice cadmium (Cd) pollution based on a decision tree model. Environmental Pollution, 2020, 265, 115029.	7.5	23
29	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
30	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
31	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
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	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
34	Surface water polycyclic aromatic hydrocarbons (PAH) in urban areas of Nanjing, China. Water Science and Technology, 2017, 76, 2150-2157.	2.5	19
35	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
36	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

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37	Formation mechanism of soil PAH distribution: High and low urbanization. Geoderma, 2020, 367, 114271.	5.1	16
38	Improving the accuracy of soil organic carbon content prediction based on visible and near-infrared spectroscopy and machine learning. Environmental Earth Sciences, 2021, 80, 1.	2.7	16
39	Heavy-metal accumulation trends in Yixing, China: an area of rapid economic development. Environmental Earth Sciences, 2010, 61, 79-86.	2.7	15
40	Developing a Black Carbon-Substituted Multimedia Model for Simulating the PAH Distributions in Urban Environments. Scientific Reports, 2017, 7, 14548.	3.3	15
41	Identifying and Evaluating the Nighttime Economy in China Using Multisource Data. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1906-1910.	3.1	15
42	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
43	Quantifying and mapping threats to soil biodiversity in Nanjing, China. European Journal of Soil Biology, 2017, 82, 72-80.	3.2	13
44	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
45	A new spatially explicit model of population risk level grid identification for children and adults to urban soil PAHs. Environmental Pollution, 2020, 263, 114547.	7.5	11
46	Modeling of Trace Metal Migration and Accumulation Processes in a Soil-Wheat System in Lihe Watershed, China. International Journal of Environmental Research and Public Health, 2018, 15, 2432.	2.6	10
47	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
48	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
49	Mapping the Finer-Scale Carcinogenic Risk of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Soilâ€"A Case Study of Shenzhen City, China. International Journal of Environmental Research and Public Health, 2020, 17, 6735.	2.6	4
50	Impacts of highway construction and operation on carbon footprint in China: A case study of Jiangsu Province. Environmental Progress and Sustainable Energy, 2016, 35, 1468-1475.	2.3	3
51	Trade-offs between economic benefits and environmental impacts of vegetable greenhouses expansion in East China. Environmental Science and Pollution Research, 2021, 28, 56257-56268.	5.3	3
52	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