

Shen Yu

List of Publications by Year in descending order

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77
papers

4,779
citations

117571

34
h-index

95218

68
g-index

80
all docs

80
docs citations

80
times ranked

6177
citing authors

#	ARTICLE	IF	CITATIONS
1	Legacy organochlorines in estuarine sediment in relation to socioeconomic pattern in multi-coastal watersheds. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21912-21924.	2.7	4
2	Sedimentary spectrum and potential ecological risks of residual pharmaceuticals in relation to sediment-water partitioning and land uses in a watershed. <i>Science of the Total Environment</i> , 2022, 817, 152979.	3.9	9
3	Fingerprinting pharmaceuticals of multiple sources at a provincial watershed scale. <i>Science of the Total Environment</i> , 2022, 820, 153356.	3.9	3
4	Socioeconomic Patterns for Global Mangrove Cover Changes with Multi-Database Analyses. <i>Wetlands</i> , 2022, 42, 1.	0.7	1
5	Metal loadings in estuarine bivalve and gastropod shellfish in response to socioeconomic development in watershed. <i>Marine Environmental Research</i> , 2022, 176, 105593.	1.1	3
6	Spatial changes of nutrients and metallic contaminants in topsoil with multi-geostatistical approaches in a large-size watershed. <i>Science of the Total Environment</i> , 2022, 824, 153888.	3.9	7
7	Anthropogenic metal loads in nearshore sediment along the coast of China mainland interacting with provincial socioeconomics in the period 1980–2020. <i>Science of the Total Environment</i> , 2022, 839, 156286.	3.9	11
8	Sedimentary metals in developing tropical watersheds in relation to their urbanization intensities. <i>Journal of Environmental Management</i> , 2021, 278, 111521.	3.8	15
9	Antibiotics control in aquaculture requires more than antibiotic-free feeds: A tilapia farming case. <i>Environmental Pollution</i> , 2021, 268, 115854.	3.7	38
10	Development of a pH-parallel approach of quantifying six-category pharmaceuticals in surface water using SPE-HPLC-MS/MS. <i>Watershed Ecology and the Environment</i> , 2021, 3, 1-16.	0.6	5
11	Multi-objective optimization for green-grey infrastructures in response to external uncertainties. <i>Science of the Total Environment</i> , 2021, 775, 145831.	3.9	33
12	Microbial membranes related to the thermal acclimation of soil heterotrophic respiration in a temperate steppe in northern China. <i>European Journal of Soil Science</i> , 2020, 71, 484-494.	1.8	6
13	Spectrum and environmental risks of residual pharmaceuticals in stream water with emphasis on its relation to epidemic infectious disease and anthropogenic activity in watershed. <i>Journal of Hazardous Materials</i> , 2020, 385, 121594.	6.5	32
14	Spatial and temporal variability of sedimentary nutrients in relation to regional development in the urbanizing lower Chao Phraya watersheds of Thailand. <i>Journal of Soils and Sediments</i> , 2020, 20, 4042-4054.	1.5	4
15	Discriminating surface soil inorganic nitrogen cycling under various land uses in a watershed with simulations of energy balanced temperature and slope introduced moisture. <i>Journal of Hydrology</i> , 2020, 587, 124950.	2.3	6
16	Characterizing interactions of socioeconomic development and environmental impact at a watershed scale. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5680-5692.	2.7	9
17	Halogenated organic pollutants in sediments and organisms from mangrove wetlands of the Jiulong River Estuary, South China. <i>Environmental Research</i> , 2019, 171, 145-152.	3.7	33
18	Urbanization gradient of selected pharmaceuticals in surface water at a watershed scale. <i>Science of the Total Environment</i> , 2018, 634, 448-458.	3.9	68

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19	Integrative Application of Life Cycle Assessment and Risk Assessment to Environmental Impacts of Anthropogenic Pollutants at a Watershed Scale. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 41-48.	1.3	5
20	Losses of natural coastal wetlands by land conversion and ecological degradation in the urbanizing Chinese coast. <i>Scientific Reports</i> , 2018, 8, 15046.	1.6	51
21	Continental-scale pollution of estuaries with antibiotic resistance genes. <i>Nature Microbiology</i> , 2017, 2, 16270.	5.9	812
22	Surface sediment quality relative to port activities: A contaminant-spectrum assessment. <i>Science of the Total Environment</i> , 2017, 596-597, 342-350.	3.9	21
23	Non-Algorithmically Integrating Land Use Type with Spatial Interpolation of Surface Soil Nutrients in an Urbanizing Watershed. <i>Pedosphere</i> , 2017, 27, 147-154.	2.1	4
24	An overlooked nitrogen loss linked to anaerobic ammonium oxidation in estuarine sediments in China. <i>Journal of Soils and Sediments</i> , 2017, 17, 2537-2546.	1.5	16
25	Accumulation of Cr, Cd, Pb, Cu, and Zn by plants in tanning sludge storage sites: opportunities for contamination bioindication and phytoremediation. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22477-22487.	2.7	28
26	Temporal dynamics of urbanization-driven environmental changes explored by metal contamination in surface sediments in a restoring urban wetland park. <i>Journal of Hazardous Materials</i> , 2016, 309, 228-235.	6.5	13
27	Relationship between heavy metal contents and clay mineral properties in surface sediments: Implications for metal pollution assessment. <i>Continental Shelf Research</i> , 2016, 124, 125-133.	0.9	58
28	The effects of mariculture on heavy metal distribution in sediments and cultured fish around the Pearl River Delta region, south China. <i>Chemosphere</i> , 2016, 148, 171-177.	4.2	85
29	Adaption of the microbial community to continuous exposures of multiple residual antibiotics in sediments from a salt-water aquacultural farm. <i>Journal of Hazardous Materials</i> , 2015, 290, 96-105.	6.5	36
30	Brominated flame retardants in mangrove sediments of the Pearl River Estuary, South China: Spatial distribution, temporal trend and mass inventory. <i>Chemosphere</i> , 2015, 123, 26-32.	4.2	69
31	Occurrence, source analysis and risk assessment of androgens, glucocorticoids and progestagens in the Hailing Bay region, South China Sea. <i>Science of the Total Environment</i> , 2015, 536, 99-107.	3.9	40
32	Kinetic and Thermodynamic Studies on Removal of Cu(II) from Aqueous Solutions using Soil Nanoclays. <i>Water Environment Research</i> , 2015, 87, 88-95.	1.3	5
33	Uptake of organic nitrogen and preference for inorganic nitrogen by two Australian native Araucariaceae species. <i>Plant Ecology and Diversity</i> , 2015, 8, 259-264.	1.0	25
34	Nitrogen sharing and water source partitioning co-occur in estuarine wetlands. <i>Functional Plant Biology</i> , 2015, 42, 410.	1.1	5
35	Biomining of Se nanosphere by <i>Bacillus licheniformis</i> . <i>Journal of Earth Science (Wuhan)</i> , 2014, 25, 1073-1078.	1.1	3
36	Sedimentary organic-13C revealed dispersal patterns of <i>Spartina alterniflora</i> intra- and inter-estuary in China. <i>Ecological Engineering</i> , 2015, 85, 95-102.	1.6	1

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37	Metal-Dependent Root Iron Plaque Effects on Distribution and Translocation of Chromium and Nickel in Yellow Flag (<i>Iris pseudacorus</i> L.). <i>International Journal of Phytoremediation</i> , 2015, 17, 175-181.	1.7	15
38	Tissue-based environmental quality benchmarks and standards. <i>Environmental Science and Pollution Research</i> , 2014, 21, 28-32.	2.7	14
39	Mercury pollution in fish from South China Sea: Levels, species-specific accumulation, and possible sources. <i>Environmental Research</i> , 2014, 131, 160-164.	3.7	57
40	Anthropogenic land uses elevate metal levels in stream water in an urbanizing watershed. <i>Science of the Total Environment</i> , 2014, 488-489, 61-69.	3.9	39
41	Soil Microbial Responses to Experimental Warming and Nitrogen Addition in a Temperate Steppe of Northern China. <i>Pedosphere</i> , 2014, 24, 427-436.	2.1	29
42	Heavy metal and organic contaminants in mangrove ecosystems of China: a review. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11938-11950.	2.7	137
43	Mercury contamination in fish and human hair from Hainan Island, South China Sea: Implication for human exposure. <i>Environmental Research</i> , 2014, 135, 42-47.	3.7	48
44	Pharmaceutical residues in tidal surface sediments of three rivers in southeastern China at detectable and measurable levels. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8391-8403.	2.7	27
45	Spatial distribution and historical records of mercury sedimentation in urban lakes under urbanization impacts. <i>Science of the Total Environment</i> , 2013, 445-446, 117-125.	3.9	24
46	Effects of salinity and humic acid on the sorption of Hg on Fe and Mn hydroxides. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 322-328.	6.5	29
47	Root iron plaque formation and characteristics under N ₂ flushing and its effects on translocation of Zn and Cd in paddy rice seedlings (<i>Oryza sativa</i>). <i>Annals of Botany</i> , 2013, 111, 1189-1195.	1.4	49
48	Preliminary results from monitoring of stream nitrogen concentrations, denitrification, and nitrification potentials in an urbanizing watershed in Xiamen, southeast China. <i>International Journal of Sustainable Development and World Ecology</i> , 2013, 20, 223-230.	3.2	6
49	Patterns of Nitrogen Mineralization in Wetlands of the New Jersey Pinelands along a Shallow Water Table Gradient. <i>American Midland Naturalist</i> , 2012, 167, 322-335.	0.2	7
50	Trace metal contamination in urban soils of China. <i>Science of the Total Environment</i> , 2012, 421-422, 17-30.	3.9	417
51	The mobility, bioavailability, and human bioaccessibility of trace metals in urban soils of Hong Kong. <i>Applied Geochemistry</i> , 2012, 27, 995-1004.	1.4	132
52	URBANIZATION IMPAIRS SURFACE WATER QUALITY: EUTROPHICATION AND METAL STRESS IN THE GRAND CANAL OF CHINA. <i>River Research and Applications</i> , 2012, 28, 1135-1148.	0.7	40
53	Microbial-mediated feedbacks of leaf litter on invasive plant growth and interspecific competition. <i>Plant and Soil</i> , 2012, 356, 341-355.	1.8	46
54	Impacts of urbanization on surface sediment quality: evidence from polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) contaminations in the Grand Canal of China. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1352-1363.	2.7	26

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55	Are the biogeochemical cycles of carbon, nitrogen, sulfur, and phosphorus driven by the "Fell redox wheel" in dynamic redox environments?. <i>Journal of Soils and Sediments</i> , 2012, 12, 683-693.	1.5	170
56	Lead contamination and source in Shanghai in the past century using dated sediment cores from urban park lakes. <i>Chemosphere</i> , 2012, 88, 1161-1169.	4.2	50
57	Urban Phosphorus Metabolism through Food Consumption. <i>Journal of Industrial Ecology</i> , 2012, 16, 588-599.	2.8	91
58	The effects of mariculture activities on the adsorption/desorption and chemical fractionations of mercury on sediments. <i>Marine Pollution Bulletin</i> , 2012, 64, 836-843.	2.3	18
59	Incorporating bioaccessibility into human health risk assessments of heavy metals in urban park soils. <i>Science of the Total Environment</i> , 2012, 424, 88-96.	3.9	403
60	Urbanization increased metal levels in lake surface sediment and catchment topsoil of waterscape parks. <i>Science of the Total Environment</i> , 2012, 432, 202-209.	3.9	57
61	Distribution, availability, and sources of trace metals in different particle size fractions of urban soils in Hong Kong: Implications for assessing the risk to human health. <i>Environmental Pollution</i> , 2011, 159, 1317-1326.	3.7	238
62	Contamination and source differentiation of Pb in park soils along an urban-rural gradient in Shanghai. <i>Environmental Pollution</i> , 2011, 159, 3536-3544.	3.7	93
63	Inconsistency and comprehensiveness of risk assessments for heavy metals in urban surface sediments. <i>Chemosphere</i> , 2011, 85, 1080-1087.	4.2	120
64	Legacy effects overwhelm the short-term effects of exotic plant invasion and restoration on soil microbial community structure, enzyme activities, and nitrogen cycling. <i>Oecologia</i> , 2011, 167, 733-745.	0.9	120
65	Impacts of <i>Spartina alterniflora</i> invasion on abundance and composition of ammonia oxidizers in estuarine sediment. <i>Journal of Soils and Sediments</i> , 2011, 11, 1020-1031.	1.5	36
66	Reduction and removal of Cr(VI) from aqueous solutions using modified byproducts of beer production. <i>Journal of Hazardous Materials</i> , 2011, 186, 1625-1631.	6.5	50
67	Relationships among plants, soils and microbial communities along a hydrological gradient in the New Jersey Pinelands, USA. <i>Annals of Botany</i> , 2010, 105, 185-196.	1.4	43
68	The effects of changes in soil moisture on nitrogen cycling in acid wetland types of the New Jersey Pinelands (USA). <i>Soil Biology and Biochemistry</i> , 2009, 41, 2394-2405.	4.2	39
69	Urban Conservation and Environmental Protection in China: a Major Effort by the Chinese Academy of Sciences. <i>Conservation Biology</i> , 2009, 23, 546-547.	2.4	2
70	Physical and Chemical Changes in Container Media in Response to Bark Substitution for Peat. <i>Compost Science and Utilization</i> , 2006, 14, 222-230.	1.2	10
71	Leaching potential of heavy metals (Cd, Ni, Pb, Cu and Zn) from acidic sandy soil amended with dolomite phosphate rock (DPR) fertilizers. <i>Journal of Trace Elements in Medicine and Biology</i> , 2006, 20, 127-133.	1.5	29
72	Surface runoff phosphorus (P) loss in relation to phosphatase activity and soil P fractions in Florida sandy soils under citrus production. <i>Soil Biology and Biochemistry</i> , 2006, 38, 619-628.	4.2	61

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73	Effects of Anions on the Capacity and Affinity of Copper Adsorption in Two Variable Charge Soils. <i>Biogeochemistry</i> , 2005, 75, 1-18.	1.7	14
74	Copper fractionation and extractability in two contaminated variable charge soils. <i>Geoderma</i> , 2004, 123, 163-175.	2.3	51
75	Transport of Heavy Metals in Surface Runoff from Vegetable and Citrus Fields. <i>Soil Science Society of America Journal</i> , 2004, 68, 1662-1669.	1.2	79
76	Adsorption and Desorption Behavior of Copper at Contaminated Levels in Red Soils from China. <i>Journal of Environmental Quality</i> , 2002, 31, 1129-1136.	1.0	56
77	Capacity of fatty acid profiles and substrate utilization patterns to describe differences in soil microbial communities associated with increased salinity or alkalinity at three locations in South Australia. <i>Biology and Fertility of Soils</i> , 2001, 33, 204-217.	2.3	238