Jin Wu

List of Publications by Year in descending order

66 papers	2,114 citations	394421 19 h-index	243625 44 g-index
67 all docs	67 docs citations	67 times ranked	2385 citing authors

#	Article	IF	Citations
1	Soil and soil environmental quality monitoring in China: A review. Environment International, 2014, 69, 177-199.	10.0	310
2	Groundwater nitrate pollution and human health risk assessment by using HHRA model in an agricultural area, NE China. Ecotoxicology and Environmental Safety, 2017, 137, 130-142.	6.0	209
3	Source apportionment and health risk assessment of trace metals in surface soils of Beijing metropolitan, China. Chemosphere, 2016, 144, 1002-1011.	8.2	195
4	A partition computing-based positive matrix factorization (PC-PMF) approach for the source apportionment of agricultural soil heavy metal contents and associated health risks. Journal of Hazardous Materials, 2020, 388, 121766.	12.4	139
5	Source apportionment of trace metals in river sediments: A comparison of three methods. Environmental Pollution, 2016, 211, 28-37.	7.5	97
6	Contamination characteristics, ecological risk and source identification of trace metals in sediments of the Le'an River (China). Ecotoxicology and Environmental Safety, 2016, 125, 85-92.	6.0	90
7	Sources of Heavy Metals in Surface Sediments and an Ecological Risk Assessment from Two Adjacent Plateau Reservoirs. PLoS ONE, 2014, 9, e102101.	2.5	83
8	Soil Heavy Metal Pollution and Risk Assessment in Shenyang Industrial District, Northeast China. PLoS ONE, 2015, 10, e0127736.	2.5	79
9	Monitoring of aeolian desertification on the Qinghai-Tibet Plateau from the 1970s to 2015 using Landsat images. Science of the Total Environment, 2018, 619-620, 1648-1659.	8.0	79
10	Evaluation of Soil Contamination Indices in a Mining Area of Jiangxi, China. PLoS ONE, 2014, 9, e112917.	2.5	78
11	Hypoxia-tropic nanozymes as oxygen generators for tumor-favoring theranostics. Biomaterials, 2020, 230, 119635.	11.4	61
12	Risk assessment framework for nitrate contamination in groundwater for regional management. Science of the Total Environment, 2019, 697, 134102.	8.0	58
13	Effects on microbiomes and resistomes and the source-specific ecological risks of heavy metals in the sediments of an urban river. Journal of Hazardous Materials, 2021, 409, 124472.	12.4	47
14	Environmental distribution and associated human health risk due to trace elements and organic compounds in soil in Jiangxi province, China. Ecotoxicology and Environmental Safety, 2015, 122, 406-416.	6.0	45
15	Facile formation of CoN₄ active sites onto a SiO₂ support to achieve robust CO₂ and proton reduction in a noble-metal-free photocatalytic system. Journal of Materials Chemistry A, 2019, 7, 10475-10482.	10.3	42
16	Contamination characteristics and source apportionment of trace metals in soils around Miyun Reservoir. Environmental Science and Pollution Research, 2016, 23, 15331-15342.	5.3	29
17	Sediment grainâ€“size characteristics and relevant correlations to the aeolian environment in China's eastern desert region. Science of the Total Environment, 2018, 627, 586-599.	8.0	29
18	Effects of plant roots on soil preferential pathways and soil matrix in forest ecosystems. Journal of Forestry Research, 2015, 26, 397-404.	3.6	22

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19	Aptamer-mediated N/Ce-doped carbon dots as a fluorescent and resonance Rayleigh scattering dual mode probe for arsenic(III). Mikrochimica Acta, 2019, 186, 638.	5.0	22
20	Developing trend of aeolian desertification in Chinaâ€™s Tibet Autonomous Region from 1977 to 2010. Environmental Earth Sciences, 2016, 75, 1.	2.7	21
21	The Spatial and Temporal Variability of Groundwater Vulnerability and Human Health Risk in the Limin District, Harbin, China. Water (Switzerland), 2018, 10, 686.	2.7	21
22	Effects of Polyacrylamide-Based Super Absorbent Polymer and Corn Straw Biochar on the Arid and Semi-Arid Salinized Soil. Agriculture (Switzerland), 2020, 10, 519.	3.1	20
23	COMPARISON OF SOURCES AND SPATIAL DISTRIBUTION OF HEAVY METALS AT TWO PERI-URBAN AREAS IN SOUTHWEST SHENYANG, CHINA. Environmental Engineering and Management Journal, 2019, 18, 31-39.	0.6	20
24	Ecological Risk Assessment of Heavy Metals in Water Bodies around Typical Copper Mines in China. International Journal of Environmental Research and Public Health, 2020, 17, 4315.	2.6	19
25	Polycyclic aromatic hydrocarbons (PAHs) in the environment of Beijing, China: Levels, distribution, trends and sources. Human and Ecological Risk Assessment (HERA), 2018, 24, 137-157.	3.4	18
26	Development of interspecies correlation estimation (ICE) models to predict the reproduction toxicity of EDCs to aquatic species. Chemosphere, 2019, 224, 833-839.	8.2	18
27	Single-atom Fe catalytic amplification-gold nanosol SERS/RRS aptamer as platform for the quantification of trace pollutants. Mikrochimica Acta, 2021, 188, 175.	5.0	18
28	Epidermal growth factor receptor and <scp>AKT</scp>1 gene copy numbers by multiâ€gene fluorescence inÂsitu hybridization impact on prognosis in breast cancer. Cancer Science, 2015, 106, 642-649.	3.9	17
29	Influence of eugenol on algal growth, cell physiology of cyanobacteria Microcystis aeruginosa and its interaction with signaling molecules. Chemosphere, 2020, 255, 126935.	8.2	17
30	Catalytic Regioâ€•and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. Angewandte Chemie - International Edition, 2022, 61, e202203650.	13.8	17
31	Co-occurrence of autotrophic and heterotrophic denitrification in electrolysis assisted constructed wetland packing with coconut fiber as solid carbon source. Chemosphere, 2022, 301, 134762.	8.2	17
32	Source apportionment of potential ecological risk posed by trace metals in the sediment of the Leâ€™an River, China. Journal of Soils and Sediments, 2020, 20, 2460-2470.	3.0	16
33	The influence of ecological restoration projects on groundwater in Yongding River Basin in Beijing, China. Water Science and Technology: Water Supply, 2019, 19, 2391-2399.	2.1	12
34	Uncertain Analysis of Fuzzy Evaluation Model for Water Resources Carrying Capacity: A Case Study in Zanhuang County, North China Plain. Water (Switzerland), 2021, 13, 2804.	2.7	12
35	A novel N/Au co-doped carbon dot probe for continuous detection of silicate and phosphate by resonance Rayleigh scattering. Analyst, The, 2019, 144, 5090-5097.	3.5	11
36	Human health risk assessment of soil in an abandoned arsenic plant site: implications for contaminated site remediation. Environmental Earth Sciences, 2019, 78, 1.	2.7	11

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37	Discovery of Novel Chromone Derivatives as Potential Anti-TSWV Agents. Journal of Agricultural and Food Chemistry, 2021, 69, 10819-10829.	5.2	11
38	Modeling the risk of U(VI) migration through an engineered barrier system at a proposed Chinese high-level radioactive waste repository. Science of the Total Environment, 2020, 707, 135472.	8.0	9
39	Evaluation of Groundwater Using an Integrated Approach of Entropy Weight and Stochastic Simulation: A Case Study in East Region of Beijing. International Journal of Environmental Research and Public Health, 2021, 18, 7703.	2.6	9
40	A sustainability assessment-based methodology for the prioritization of contaminated site risk management options. Environmental Science and Pollution Research, 2022, 29, 7503-7513.	5.3	9
41	Wind tunnel tests of the dynamic processes that control wind erosion of a sand bed. Earth Surface Processes and Landforms, 2019, 44, 614-623.	2.5	7
42	Discovery of novel chromone derivatives containing a sulfonamide moiety as potential anti-TSWV agents. Bioorganic and Medicinal Chemistry Letters, 2021, 53, 128431.	2.2	7
43	Can GPM IMERG Capture Extreme Precipitation in North China Plain?. Remote Sensing, 2022, 14, 928.	4.0	7
44	Effects of early low temperature exposure on the growth, glycolipid metabolism and growth hormone (gh) gene methylation in the late stage of Chinese perch (Siniperca chuatsi). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 259, 110705.	1.6	6
45	Uncertain in WQI-based groundwater quality assessment methods: a case study in east of Beijing, China. Environmental Earth Sciences, 2022, 81, 1.	2.7	6
46	Impact of a long-term cultivation on low molecular weight organic acids in greenhouse soil and their influence on vegetable uptake heavy metals. Soil and Sediment Contamination, 2021, 30, 1-11.	1.9	5
47	Responses of Soil Cadmium Desorption under Different Saline Environments and Its Controlling Factors. Agronomy, 2021, 11, 2175.	3.0	5
48	Identification and characterization of novel NuMA isoforms. Biochemical and Biophysical Research Communications, 2014, 454, 387-392.	2.1	4
49	Source apportionment for sediment PAHs using hybrid genetic pattern search treatment of a chemical mass balance receptor model: application to the Pearl River Delta region, China. Environmental Monitoring and Assessment, 2014, 186, 6651-6662.	2.7	4
50	Catalytic Regioâ€•and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. Angewandte Chemie, 2022, 134, .	2.0	4
51	Environmental Quality and Ecological Risk Assessment of Heavy Metals in the Zhuhai Coast, China. Frontiers in Marine Science, 2022, 9, .	2.5	4
52	Classification of Trash Types in Cotton Based on Deep Learning. , 2019, , .		3
53	Priority Soil Pollution Management of Contaminated Site Based on Human Health Risk Assessment: A Case Study in Southwest China. Sustainability, 2022, 14, 3663.	3.2	3
54	Geochemical characteristics and growth suitability assessment of Scutellaria baicalensis Georgi in the Earthâ€™s critical zone of North China. Journal of Mountain Science, 2022, 19, 1245-1262.	2.0	3

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55	The fuzzy human-simulated intelligent control for hot-rolling strip width. , 2012, , .		2
56	A Novel Model System for Understanding Anticancer Activity of Hypoxia-Activated Prodrugs. Molecular Pharmaceutics, 2020, 17, 2072-2082.	4.6	2
57	Site prioritization and performance assessment of groundwater monitoring network by using information-based methodology. Environmental Research, 2022, 212, 113181.	7.5	2
58	Source Apportionment of Soil PAH Concentration and Associated Carcinogenic and Mutagenic Potencies by Combined Utilization of PMF and Toxic Assessment: A Case Study in North China. Soil and Sediment Contamination, 2020, 29, 421-437.	1.9	1
59	Protein source affects apparent digestibility of feed ingredients and protein metabolism in Chinese perch (Siniperca chuatsi). Aquaculture Nutrition, 2021, 27, 2651-2661.	2.7	1
60	A Micro Neural Network for Healthcare Sensor Data Stream Classification in Sustainable and Smart Cities. Computational Intelligence and Neuroscience, 2022, 2022, 1-9.	1.7	1
61	Image Defogging Combined with Compensation of High Lighted Areas. , 2019, , .		0
62	Dietary with proper ratio of alphaâ€linolenic acid to linoleic acid enhanced the unsaturated fatty acids deposition of Chinese perch (Siniperca Chuatsi). Aquaculture Nutrition, 2021, 27, 73-85.	2.7	0
63	High-efficiency stabilization of lead in contaminated soil by thermal-organic acidâ€“activated phosphate rock. Environmental Science and Pollution Research, 2022, 29, 49116-49125.	5.3	0
64	River Ecological Restoration and Groundwater Artificial Recharge. Water (Switzerland), 2022, 14, 1144.	2.7	0
65	Intuitionistic Fuzzy Requirements Aggregation for Graph Pattern Matching with Group Decision Makers. , 2021, , .		0
66	RÃ¼cktitelbild: Catalytic Regioâ€and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water (Angew. Chem. 27/2022). Angewandte Chemie, 2022, 134, .	2.0	0