

Jin Wu

List of Publications by Year in descending order

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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	A sustainability assessment-based methodology for the prioritization of contaminated site risk management options. <i>Environmental Science and Pollution Research</i> , 2022, 29, 7503-7513.	5.3	9
2	Effects of early low temperature exposure on the growth, glycolipid metabolism and growth hormone (gh) gene methylation in the late stage of Chinese perch (<i>Siniperca chuatsi</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 259, 110705.	1.6	6
3	Can GPM IMERG Capture Extreme Precipitation in North China Plain?. <i>Remote Sensing</i> , 2022, 14, 928.	4.0	7
4	High-efficiency stabilization of lead in contaminated soil by thermal-organic acid-activated phosphate rock. <i>Environmental Science and Pollution Research</i> , 2022, 29, 49116-49125.	5.3	0
5	Priority Soil Pollution Management of Contaminated Site Based on Human Health Risk Assessment: A Case Study in Southwest China. <i>Sustainability</i> , 2022, 14, 3663.	3.2	3
6	Uncertain in WQI-based groundwater quality assessment methods: a case study in east of Beijing, China. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	2.7	6
7	River Ecological Restoration and Groundwater Artificial Recharge. <i>Water (Switzerland)</i> , 2022, 14, 1144.	2.7	0
8	Site prioritization and performance assessment of groundwater monitoring network by using information-based methodology. <i>Environmental Research</i> , 2022, 212, 113181.	7.5	2
9	Catalytic Regio- and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202203650.	13.8	17
10	Catalytic Regio- and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
11	Co-occurrence of autotrophic and heterotrophic denitrification in electrolysis assisted constructed wetland packing with coconut fiber as solid carbon source. <i>Chemosphere</i> , 2022, 301, 134762.	8.2	17
12	Geochemical characteristics and growth suitability assessment of <i>Scutellaria baicalensis</i> Georgi in the Earth's critical zone of North China. <i>Journal of Mountain Science</i> , 2022, 19, 1245-1262.	2.0	3
13	Regio- and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water (<i>Angew. Chem.</i> 27/2022). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
14	Environmental Quality and Ecological Risk Assessment of Heavy Metals in the Zhuhai Coast, China. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	4
15	A Micro Neural Network for Healthcare Sensor Data Stream Classification in Sustainable and Smart Cities. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-9.	1.7	1
16	Effects on microbiomes and resistomes and the source-specific ecological risks of heavy metals in the sediments of an urban river. <i>Journal of Hazardous Materials</i> , 2021, 409, 124472.	12.4	47
17	Impact of a long-term cultivation on low molecular weight organic acids in greenhouse soil and their influence on vegetable uptake heavy metals. <i>Soil and Sediment Contamination</i> , 2021, 30, 1-11.	1.9	5
18	Single-atom Fe catalytic amplification-gold nanosol SERS/RRS aptamer as platform for the quantification of trace pollutants. <i>Mikrochimica Acta</i> , 2021, 188, 175.	5.0	18

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19	Evaluation of Groundwater Using an Integrated Approach of Entropy Weight and Stochastic Simulation: A Case Study in East Region of Beijing. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7703.	2.6	9
20	Discovery of Novel Chromone Derivatives as Potential Anti-TSWV Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10819-10829.	5.2	11
21	Uncertain Analysis of Fuzzy Evaluation Model for Water Resources Carrying Capacity: A Case Study in Zhanhuang County, North China Plain. <i>Water (Switzerland)</i> , 2021, 13, 2804.	2.7	12
22	Responses of Soil Cadmium Desorption under Different Saline Environments and Its Controlling Factors. <i>Agronomy</i> , 2021, 11, 2175.	3.0	5
23	Discovery of novel chromone derivatives containing a sulfonamide moiety as potential anti-TSWV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 53, 128431.	2.2	7
24	Protein source affects apparent digestibility of feed ingredients and protein metabolism in Chinese perch (<i>Siniperca chuatsi</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 2651-2661.	2.7	1
25	Dietary with proper ratio of alpha-linolenic acid to linoleic acid enhanced the unsaturated fatty acids deposition of Chinese perch (<i>Siniperca Chuatsi</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 73-85.	2.7	0
26	Intuitionistic Fuzzy Requirements Aggregation for Graph Pattern Matching with Group Decision Makers. , 2021, , .		0
27	Modeling the risk of U(VI) migration through an engineered barrier system at a proposed Chinese high-level radioactive waste repository. <i>Science of the Total Environment</i> , 2020, 707, 135472.	8.0	9
28	Hypoxia-tropic nanozymes as oxygen generators for tumor-favoring theranostics. <i>Biomaterials</i> , 2020, 230, 119635.	11.4	61
29	A partition computing-based positive matrix factorization (PC-PMF) approach for the source apportionment of agricultural soil heavy metal contents and associated health risks. <i>Journal of Hazardous Materials</i> , 2020, 388, 121766.	12.4	139
30	Effects of Polyacrylamide-Based Super Absorbent Polymer and Corn Straw Biochar on the Arid and Semi-Arid Salinized Soil. <i>Agriculture (Switzerland)</i> , 2020, 10, 519.	3.1	20
31	Influence of eugenol on algal growth, cell physiology of cyanobacteria <i>Microcystis aeruginosa</i> and its interaction with signaling molecules. <i>Chemosphere</i> , 2020, 255, 126935.	8.2	17
32	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. <i>Soil and Sediment Contamination</i> , 2020, 29, 421-437.	1.9	1
33	Ecological Risk Assessment of Heavy Metals in Water Bodies around Typical Copper Mines in China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4315.	2.6	19
34	A Novel Model System for Understanding Anticancer Activity of Hypoxia-Activated Prodrugs. <i>Molecular Pharmaceutics</i> , 2020, 17, 2072-2082.	4.6	2
35	Source apportionment of potential ecological risk posed by trace metals in the sediment of the Le'an River, China. <i>Journal of Soils and Sediments</i> , 2020, 20, 2460-2470.	3.0	16
36	A novel N/Au co-doped carbon dot probe for continuous detection of silicate and phosphate by resonance Rayleigh scattering. <i>Analyst, The</i> , 2019, 144, 5090-5097.	3.5	11

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37	Image Defogging Combined with Compensation of High Lighted Areas. , 2019, , .		0
38	Aptamer-mediated N/Ce-doped carbon dots as a fluorescent and resonance Rayleigh scattering dual mode probe for arsenic(III). <i>Mikrochimica Acta</i> , 2019, 186, 638.	5.0	22
39	Risk assessment framework for nitrate contamination in groundwater for regional management. <i>Science of the Total Environment</i> , 2019, 697, 134102.	8.0	58
40	Development of interspecies correlation estimation (ICE) models to predict the reproduction toxicity of EDCs to aquatic species. <i>Chemosphere</i> , 2019, 224, 833-839.	8.2	18
41	Facile formation of CoN ₄ active sites onto a SiO ₂ support to achieve robust CO ₂ and proton reduction in a noble-metal-free photocatalytic system. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10475-10482.	10.3	42
42	The influence of ecological restoration projects on groundwater in Yongding River Basin in Beijing, China. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 2391-2399.	2.1	12
43	Classification of Trash Types in Cotton Based on Deep Learning. , 2019, , .		3
44	Human health risk assessment of soil in an abandoned arsenic plant site: implications for contaminated site remediation. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	11
45	Wind tunnel tests of the dynamic processes that control wind erosion of a sand bed. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 614-623.	2.5	7
46	COMPARISON OF SOURCES AND SPATIAL DISTRIBUTION OF HEAVY METALS AT TWO PERI-URBAN AREAS IN SOUTHWEST SHENYANG, CHINA. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 31-39.	0.6	20
47	Sediment grain size characteristics and relevant correlations to the aeolian environment in China's eastern desert region. <i>Science of the Total Environment</i> , 2018, 627, 586-599.	8.0	29
48	Monitoring of aeolian desertification on the Qinghai-Tibet Plateau from the 1970s to 2015 using Landsat images. <i>Science of the Total Environment</i> , 2018, 619-620, 1648-1659.	8.0	79
49	Polycyclic aromatic hydrocarbons (PAHs) in the environment of Beijing, China: Levels, distribution, trends and sources. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 137-157.	3.4	18
50	The Spatial and Temporal Variability of Groundwater Vulnerability and Human Health Risk in the Limin District, Harbin, China. <i>Water (Switzerland)</i> , 2018, 10, 686.	2.7	21
51	Groundwater nitrate pollution and human health risk assessment by using HHRA model in an agricultural area, NE China. <i>Ecotoxicology and Environmental Safety</i> , 2017, 137, 130-142.	6.0	209
52	Developing trend of aeolian desertification in China's Tibet Autonomous Region from 1977 to 2010. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	21
53	Contamination characteristics and source apportionment of trace metals in soils around Miyun Reservoir. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15331-15342.	5.3	29
54	Source apportionment of trace metals in river sediments: A comparison of three methods. <i>Environmental Pollution</i> , 2016, 211, 28-37.	7.5	97

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55	Source apportionment and health risk assessment of trace metals in surface soils of Beijing metropolitan, China. <i>Chemosphere</i> , 2016, 144, 1002-1011.	8.2	195
56	Contamination characteristics, ecological risk and source identification of trace metals in sediments of the Le'an River (China). <i>Ecotoxicology and Environmental Safety</i> , 2016, 125, 85-92.	6.0	90
57	Soil Heavy Metal Pollution and Risk Assessment in Shenyang Industrial District, Northeast China. <i>PLoS ONE</i> , 2015, 10, e0127736.	2.5	79
58	Epidermal growth factor receptor and AKT1 gene copy numbers by multi-gene fluorescence <i>in situ</i> hybridization impact on prognosis in breast cancer. <i>Cancer Science</i> , 2015, 106, 642-649.	3.9	17
59	Effects of plant roots on soil preferential pathways and soil matrix in forest ecosystems. <i>Journal of Forestry Research</i> , 2015, 26, 397-404.	3.6	22
60	Environmental distribution and associated human health risk due to trace elements and organic compounds in soil in Jiangxi province, China. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 406-416.	6.0	45
61	Evaluation of Soil Contamination Indices in a Mining Area of Jiangxi, China. <i>PLoS ONE</i> , 2014, 9, e112917.	2.5	78
62	Sources of Heavy Metals in Surface Sediments and an Ecological Risk Assessment from Two Adjacent Plateau Reservoirs. <i>PLoS ONE</i> , 2014, 9, e102101.	2.5	83
63	Identification and characterization of novel NuMA isoforms. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 387-392.	2.1	4
64	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. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 6651-6662.	2.7	4
65	Soil and soil environmental quality monitoring in China: A review. <i>Environment International</i> , 2014, 69, 177-199.	10.0	310
66	The fuzzy human-simulated intelligent control for hot-rolling strip width. , 2012, , .		2