

Jie Liang

List of Publications by Citations

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138
papers

11,157
citations

55
h-index

104
g-index

141
ext. papers

13,966
ext. citations

8.9
avg, IF

6.68
L-index

#	Paper	IF	Citations
138	Doping of graphitic carbon nitride for photocatalysis: A review. <i>Applied Catalysis B: Environmental</i> , 2017 , 217, 388-406	21.8	802
137	Impact of humic/fulvic acid on the removal of heavy metals from aqueous solutions using nanomaterials: a review. <i>Science of the Total Environment</i> , 2014 , 468-469, 1014-27	10.2	478
136	Simultaneous removal of Cd(II) and ionic dyes from aqueous solution using magnetic graphene oxide nanocomposite as an adsorbent. <i>Chemical Engineering Journal</i> , 2013 , 226, 189-200	14.7	472
135	Facile assembled biochar-based nanocomposite with improved graphitization for efficient photocatalytic activity driven by visible light. <i>Applied Catalysis B: Environmental</i> , 2019 , 250, 78-88	21.8	370
134	Biological technologies for the remediation of co-contaminated soil. <i>Critical Reviews in Biotechnology</i> , 2017 , 37, 1062-1076	9.4	341
133	Metal-free efficient photocatalyst for stable visible-light photocatalytic degradation of refractory pollutant. <i>Applied Catalysis B: Environmental</i> , 2018 , 221, 715-725	21.8	335
132	In-situ synthesis of direct solid-state dual Z-scheme WO ₃ /g-C ₃ N ₄ /Bi ₂ O ₃ photocatalyst for the degradation of refractory pollutant. <i>Applied Catalysis B: Environmental</i> , 2018 , 227, 376-385	21.8	330
131	Co-occurrence and interactions of pollutants, and their impacts on soil remediation: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2017 , 47, 1528-1553	11.1	286
130	Spatial risk assessment and sources identification of heavy metals in surface sediments from the Dongting Lake, Middle China. <i>Journal of Geochemical Exploration</i> , 2013 , 132, 75-83	3.8	283
129	The effects of activated biochar addition on remediation efficiency of co-composting with contaminated wetland soil. <i>Resources, Conservation and Recycling</i> , 2019 , 140, 278-285	11.9	282
128	Evaluation methods for assessing effectiveness of in situ remediation of soil and sediment contaminated with organic pollutants and heavy metals. <i>Environment International</i> , 2017 , 105, 43-55	12.9	275
127	Graphene-based materials: fabrication, characterization and application for the decontamination of wastewater and wastegas and hydrogen storage/generation. <i>Advances in Colloid and Interface Science</i> , 2013 , 195-196, 19-40	14.3	265
126	Spatial distribution and source identification of heavy metals in surface soils in a typical coal mine city, Lianyuan, China. <i>Environmental Pollution</i> , 2017 , 225, 681-690	9.3	263
125	Phosphorus- and Sulfur-Codoped g-C ₃ N ₄ : Facile Preparation, Mechanism Insight, and Application as Efficient Photocatalyst for Tetracycline and Methyl Orange Degradation under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5831-5841	8.3	260
124	Amorphous MnO ₂ Modified Biochar Derived from Aerobically Composted Swine Manure for Adsorption of Pb(II) and Cd(II). <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5049-5058	8.3	256
123	The interactions of composting and biochar and their implications for soil amendment and pollution remediation: a review. <i>Critical Reviews in Biotechnology</i> , 2017 , 37, 754-764	9.4	246
122	Changes in heavy metal mobility and availability from contaminated wetland soil remediated with combined biochar-compost. <i>Chemosphere</i> , 2017 , 181, 281-288	8.4	221

121	Nitrogen-doped biochar fiber with graphitization from <i>Boehmeria nivea</i> for promoted peroxymonosulfate activation and non-radical degradation pathways with enhancing electron transfer. <i>Applied Catalysis B: Environmental</i> , 2020 , 269, 118850	21.8	208
120	Various cell architectures of capacitive deionization: Recent advances and future trends. <i>Water Research</i> , 2019 , 150, 225-251	12.5	174
119	Research on the sustainable efficacy of g-MoS decorated biochar nanocomposites for removing tetracycline hydrochloride from antibiotic-polluted aqueous solution. <i>Science of the Total Environment</i> , 2019 , 648, 206-217	10.2	167
118	Seed germination test for toxicity evaluation of compost: Its roles, problems and prospects. <i>Waste Management</i> , 2018 , 71, 109-114	8.6	159
117	Effects of heavy metals and soil physicochemical properties on wetland soil microbial biomass and bacterial community structure. <i>Science of the Total Environment</i> , 2016 , 557-558, 785-90	10.2	155
116	Ecological risk assessment of heavy metals in sediments of Xiawan Port based on modified potential ecological risk index. <i>Transactions of Nonferrous Metals Society of China</i> , 2012 , 22, 1470-1477	3.3	148
115	Construction of an all-solid-state Z-scheme photocatalyst based on graphite carbon nitride and its enhancement to catalytic activity. <i>Environmental Science: Nano</i> , 2018 , 5, 599-615	7.1	143
114	Nitrogen self-doped g-CN nanosheets with tunable band structures for enhanced photocatalytic tetracycline degradation. <i>Journal of Colloid and Interface Science</i> , 2019 , 536, 17-29	9.3	123
113	Co-pelletization of sewage sludge and biomass: the density and hardness of pellet. <i>Bioresource Technology</i> , 2014 , 166, 435-43	11	120
112	In-situ synthesis of 3D microsphere-like In ₂ S ₃ /InVO ₄ heterojunction with efficient photocatalytic activity for tetracycline degradation under visible light irradiation. <i>Chemical Engineering Journal</i> , 2019 , 356, 371-381	14.7	119
111	Variation of water level in Dongting Lake over a 50-year period: Implications for the impacts of anthropogenic and climatic factors. <i>Journal of Hydrology</i> , 2015 , 525, 450-456	6	117
110	Efficiency of biochar and compost (or composting) combined amendments for reducing Cd, Cu, Zn and Pb bioavailability, mobility and ecological risk in wetland soil. <i>RSC Advances</i> , 2015 , 5, 34541-34548	3.7	113
109	Responses of bacterial community and functional marker genes of nitrogen cycling to biochar, compost and combined amendments in soil. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 8583-91	5.7	110
108	Facile synthesis of Cu(II) impregnated biochar with enhanced adsorption activity for the removal of doxycycline hydrochloride from water. <i>Science of the Total Environment</i> , 2017 , 592, 546-553	10.2	108
107	Facile synthesis of alumina-decorated multi-walled carbon nanotubes for simultaneous adsorption of cadmium ion and trichloroethylene. <i>Chemical Engineering Journal</i> , 2015 , 273, 101-110	14.7	102
106	Highly efficient visible-light-induced photoactivity of Z-scheme Ag ₂ CO ₃ /Ag/WO ₃ photocatalysts for organic pollutant degradation. <i>Environmental Science: Nano</i> , 2017 , 4, 2175-2185	7.1	101
105	Effects of dam construction on biodiversity: A review. <i>Journal of Cleaner Production</i> , 2019 , 221, 480-489	10.3	90
104	Insights into catalytic removal and separation of attached metals from natural-aged microplastics by magnetic biochar activating oxidation process. <i>Water Research</i> , 2020 , 179, 115876	12.5	85

103	Nanostructured core-shell electrode materials for electrochemical capacitors. <i>Journal of Power Sources</i> , 2016 , 331, 408-425	8.9	82
102	A facile band alignment of polymeric carbon nitride isotype heterojunctions for enhanced photocatalytic tetracycline degradation. <i>Environmental Science: Nano</i> , 2018 , 5, 2604-2617	7.1	80
101	Integrating priority areas and ecological corridors into national network for conservation planning in China. <i>Science of the Total Environment</i> , 2018 , 626, 22-29	10.2	79
100	Land use regression models coupled with meteorology to model spatial and temporal variability of NO ₂ and PM ₁₀ in Changsha, China. <i>Atmospheric Environment</i> , 2015 , 116, 272-280	5.3	78
99	Amidoxime-based materials for uranium recovery and removal. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 7588-7625	13	77
98	Risk management for optimal land use planning integrating ecosystem services values: A case study in Changsha, Middle China. <i>Science of the Total Environment</i> , 2017 , 579, 1675-1682	10.2	76
97	Synthesis of magnetic graphene oxide/TiO ₂ and their antibacterial properties under solar irradiation. <i>Applied Surface Science</i> , 2015 , 343, 1-10	6.7	75
96	Changes of soil microbial biomass and bacterial community structure in Dongting Lake: Impacts of 50,000 dams of Yangtze River. <i>Ecological Engineering</i> , 2013 , 57, 72-78	3.9	75
95	A comparative study of biomass pellet and biomass-sludge mixed pellet: Energy input and pellet properties. <i>Energy Conversion and Management</i> , 2016 , 126, 509-515	10.6	73
94	The dual effects of carboxymethyl cellulose on the colloidal stability and toxicity of nanoscale zero-valent iron. <i>Chemosphere</i> , 2016 , 144, 1682-9	8.4	71
93	An integrated model for assessing heavy metal exposure risk to migratory birds in wetland ecosystem: A case study in Dongting Lake Wetland, China. <i>Chemosphere</i> , 2015 , 135, 14-9	8.4	70
92	Versatile applications of capacitive deionization (CDI)-based technologies. <i>Desalination</i> , 2020 , 482, 114390.3	9.3	69
91	Responses of enzymatic activity and microbial communities to biochar/compost amendment in sulfamethoxazole polluted wetland soil. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121533	12.8	68
90	Co-pelletization of sewage sludge and biomass: The energy input and properties of pellets. <i>Fuel Processing Technology</i> , 2015 , 132, 55-61	7.2	65
89	Microplastics and associated contaminants in the aquatic environment: A review on their ecotoxicological effects, trophic transfer, and potential impacts to human health. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124187	12.8	64
88	Spatial analysis of human health risk associated with ingesting manganese in Huangxing Town, Middle China. <i>Chemosphere</i> , 2009 , 77, 368-75	8.4	63
87	Effect of early dry season induced by the Three Gorges Dam on the soil microbial biomass and bacterial community structure in the Dongting Lake wetland. <i>Ecological Indicators</i> , 2015 , 53, 129-136	5.8	61
86	Effects of landscape structure, habitat and human disturbance on birds: A case study in East Dongting Lake wetland. <i>Ecological Engineering</i> , 2014 , 67, 67-75	3.9	59

85	Activation of peroxymonosulfate by biochar-based catalysts and applications in the degradation of organic contaminants: A review. <i>Chemical Engineering Journal</i> , 2021 , 416, 128829	14.7	59
84	Understanding the influence of carbon nanomaterials on microbial communities. <i>Environment International</i> , 2019 , 126, 690-698	12.9	57
83	Co-pelletization of sewage sludge and biomass: Thermogravimetric analysis and ash deposits. <i>Fuel Processing Technology</i> , 2016 , 145, 109-115	7.2	55
82	Pyrolysis and combustion kinetics of sludge–amphor pellet thermal decomposition using thermogravimetric analysis. <i>Energy Conversion and Management</i> , 2015 , 106, 282-289	10.6	52
81	Spatial and temporal variation of heavy metal risk and source in sediments of Dongting Lake wetland, mid-south China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015 , 50, 100-8	2.3	52
80	How climate change and eutrophication interact with microplastic pollution and sediment resuspension in shallow lakes: A review. <i>Science of the Total Environment</i> , 2020 , 705, 135979	10.2	49
79	Magnetic nanoferromanganese oxides modified biochar derived from pine sawdust for adsorption of tetracycline hydrochloride. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 5892-5903	5.1	49
78	Quantitative assessment of the contribution of climate variability and human activity to streamflow alteration in Dongting Lake, China. <i>Hydrological Processes</i> , 2016 , 30, 1929-1939	3.3	48
77	Efficient visible-light driven photocatalyst, silver (meta)vanadate: Synthesis, morphology and modification. <i>Chemical Engineering Journal</i> , 2018 , 352, 782-802	14.7	44
76	How to manage future groundwater resource of China under climate change and urbanization: An optimal stage investment design from modern portfolio theory. <i>Water Research</i> , 2015 , 85, 31-7	12.5	42
75	A thin, deformable, high-performance supercapacitor implant that can be biodegraded and bioabsorbed within an animal body. <i>Science Advances</i> , 2021 , 7,	14.3	40
74	Atmospheric deposition of mercury and cadmium impacts on topsoil in a typical coal mine city, Lianyuan, China. <i>Chemosphere</i> , 2017 , 189, 198-205	8.4	39
73	Photocatalytic degradation of tetracycline antibiotics using delafossite silver ferrite-based Z-scheme photocatalyst: Pathways and mechanism insight. <i>Chemosphere</i> , 2021 , 270, 128651	8.4	39
72	Application of weight method based on canonical correspondence analysis for assessment of Anatidae habitat suitability: A case study in East Dongting Lake, Middle China. <i>Ecological Engineering</i> , 2015 , 77, 119-126	3.9	38
71	Removal and recovery of phosphorus from low-strength wastewaters by flow-electrode capacitive deionization. <i>Separation and Purification Technology</i> , 2020 , 237, 116322	8.3	38
70	Microplastics in the coral reefs and their potential impacts on corals: A mini-review. <i>Science of the Total Environment</i> , 2021 , 762, 143112	10.2	38
69	Hybrid silicate-hydrochar composite for highly efficient removal of heavy metal and antibiotics: Co-adsorption and mechanism. <i>Chemical Engineering Journal</i> , 2020 , 387, 124097	14.7	36
68	Facile synthesis of pinecone biomass-derived phosphorus-doping porous carbon electrodes for efficient electrochemical salt removal. <i>Separation and Purification Technology</i> , 2020 , 251, 117357	8.3	36

67	Interaction between Cu ²⁺ and different types of surface-modified nanoscale zero-valent iron during their transport in porous media. <i>Journal of Environmental Sciences</i> , 2015 , 32, 180-8	6.4	35
66	Electro-assisted Adsorption of Zn(II) on Activated Carbon Cloth in Batch-Flow Mode: Experimental and Theoretical Investigations. <i>Environmental Science & Technology</i> , 2019 , 53, 2670-2678	10.3	34
65	Fluorescent sensing of sulfide ions based on papain-directed gold nanoclusters. <i>New Journal of Chemistry</i> , 2015 , 39, 9306-9312	3.6	34
64	Different adsorption behaviors and mechanisms of a novel amino-functionalized hydrothermal biochar for hexavalent chromium and pentavalent antimony. <i>Bioresource Technology</i> , 2020 , 310, 123438 ¹¹		34
63	EDDS-assisted reduction of Cr(VI) by nanoscale zero-valent iron. <i>Separation and Purification Technology</i> , 2016 , 165, 86-91	8.3	33
62	Characteristics of Particulate Pollution (PM _{2.5} and PM ₁₀) and Their Spacescale-Dependent Relationships with Meteorological Elements in China. <i>Sustainability</i> , 2017 , 9, 2330	3.6	31
61	Perchlorate removal from brackish water by capacitive deionization: Experimental and theoretical investigations. <i>Chemical Engineering Journal</i> , 2019 , 361, 209-218	14.7	30
60	Fabrication and regulation of vacancy-mediated bismuth oxyhalide towards photocatalytic application: Development status and tendency. <i>Coordination Chemistry Reviews</i> , 2021 , 443, 214033	23.2	30
59	Alginate-modified biochar derived from Ca(II)-impregnated biomass: Excellent anti-interference ability for Pb(II) removal. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 165, 211-218	7	29
58	Effects of human activities and climate change on the reduction of visibility in Beijing over the past 36 years. <i>Environment International</i> , 2018 , 116, 92-100	12.9	28
57	Integrated Source Apportionment, Screening Risk Assessment, and Risk Mapping of Heavy Metals in Surface Sediments: A Case Study of the Dongting Lake, Middle China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2014 , 20, 1213-1230	4.9	28
56	Multimedia health risk assessment: A case study of scenario-uncertainty. <i>Journal of Central South University</i> , 2012 , 19, 2901-2909	2.1	28
55	Trade-off analyses and optimization of water-related ecosystem services (WRESs) based on land use change in a typical agricultural watershed, southern China. <i>Journal of Cleaner Production</i> , 2021 , 279, 123851	10.3	28
54	Span80/Tween80 stabilized bio-oil-in-diesel microemulsion: Formation and combustion. <i>Renewable Energy</i> , 2018 , 126, 774-782	8.1	26
53	Influence of hydrological regime and climatic factor on waterbird abundance in Dongting Lake Wetland, China: Implications for biological conservation. <i>Ecological Engineering</i> , 2016 , 90, 473-481	3.9	25
52	Determination of inequable fate and toxicity of Ag nanoparticles in a Phanerochaete chrysosporium biofilm system through different sulfide sources. <i>Environmental Science: Nano</i> , 2016 , 3, 1027-1035	7.1	25
51	A method for heavy metal exposure risk assessment to migratory herbivorous birds and identification of priority pollutants/areas in wetlands. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 11806-13	5.1	24
50	Sulfamic acid modified hydrochar derived from sawdust for removal of benzotriazole and Cu(II) from aqueous solution: Adsorption behavior and mechanism. <i>Bioresource Technology</i> , 2019 , 290, 121765 ¹¹		24

49	Bimetallic nanoparticles/metal-organic frameworks: Synthesis, applications and challenges. <i>Applied Materials Today</i> , 2020 , 19, 100564	6.6	23
48	Where will threatened migratory birds go under climate change? Implications for China's national nature reserves. <i>Science of the Total Environment</i> , 2018 , 645, 1040-1047	10.2	23
47	Strategic combination of nitrogen-doped carbon quantum dots and g-C ₃ N ₄ : Efficient photocatalytic peroxydisulfate for the degradation of tetracycline hydrochloride and mechanism insight. <i>Separation and Purification Technology</i> , 2021 , 272, 118947	8.3	23
46	Combined Impacts of Land Use and Climate Change in the Modeling of Future Groundwater Vulnerability. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017 , 22, 05017007	1.8	21
45	Recent Advances of Energy Solutions for Implantable Bioelectronics. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100199	10.1	21
44	Sorption-desorption behaviors of heavy metals by biochar-compost amendment with different ratios in contaminated wetland soil. <i>Journal of Soils and Sediments</i> , 2018 , 18, 1530-1539	3.4	19
43	Interactive effects of climate variability and human activities on blue and green water scarcity in rapidly developing watershed. <i>Journal of Cleaner Production</i> , 2020 , 265, 121834	10.3	18
42	The Formation of Rhamnolipid-Based Water-Containing Castor Oil/Diesel Microemulsions and Their Potentiality as Green Fuels. <i>Energy & Fuels</i> , 2014 , 28, 5864-5871	4.1	18
41	Phanerochaete chrysosporium inoculation shapes the indigenous fungal communities during agricultural waste composting. <i>Biodegradation</i> , 2014 , 25, 669-80	4.1	18
40	Evaluation of tetracycline phytotoxicity by seed germination stage and radicle elongation stage tests: A comparison of two typical methods for analysis. <i>Environmental Pollution</i> , 2019 , 251, 257-263	9.3	17
39	China's dams threaten green peafowl. <i>Science</i> , 2019 , 364, 943	33.3	15
38	Mechanisms of regulating tissue elongation in Drosophila wing: impact of oriented cell divisions, oriented mechanical forces, and reduced cell size. <i>PLoS ONE</i> , 2014 , 9, e86725	3.7	15
37	Responses of soil microbial biomass and bacterial community structure to closed-off management (an ecological natural restoration measures): A case study of Dongting Lake wetland, middle China. <i>Journal of Bioscience and Bioengineering</i> , 2016 , 122, 345-50	3.3	14
36	Defective polymeric carbon nitride: Fabrications, photocatalytic applications and perspectives. <i>Chemical Engineering Journal</i> , 2022 , 427, 130991	14.7	14
35	Coupling Modern Portfolio Theory and Marxan enhances the efficiency of Lesser White-fronted Goose's (<i>Anser erythropus</i>) habitat conservation. <i>Scientific Reports</i> , 2018 , 8, 214	4.9	12
34	Refined regulation and nitrogen doping of biochar derived from ramie fiber by deep eutectic solvents (DESs) for catalytic persulfate activation toward non-radical organics degradation and disinfection. <i>Journal of Colloid and Interface Science</i> , 2021 , 601, 544-555	9.3	11
33	Responses of seeds of typical Brassica crops to tetracycline stress: Sensitivity difference and source analysis. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 184, 109597	7	10
32	Ecological suitability evaluation for urban growth boundary in red soil hilly areas based on fuzzy theory. <i>Journal of Central South University</i> , 2012 , 19, 1364-1369	2.1	10

31	Uncertainty Analysis of Stochastic Solute Transport in a Heterogeneous Aquifer. <i>Environmental Engineering Science</i> , 2009 , 26, 359-368	2	10
30	Defect engineering in polymeric carbon nitride photocatalyst: Synthesis, properties and characterizations. <i>Advances in Colloid and Interface Science</i> , 2021 , 296, 102523	14.3	9
29	Selective graphene-like metal-free 2D nanomaterials and their composites for photocatalysis. <i>Chemosphere</i> , 2021 , 284, 131254	8.4	9
28	Modeling research on the sorption kinetics of pentachlorophenol (PCP) to sediments based on neural networks and neuro-fuzzy systems. <i>Engineering Applications of Artificial Intelligence</i> , 2007 , 20, 239-247	7.2	7
27	Electrical Dynamic Switching of Magnetic Plasmon Resonance Based on Selective Lithium Deposition. <i>Advanced Materials</i> , 2020 , 32, e2000058	24	7
26	The influence of hydrological variables, climatic variables and food availability on Anatidae in interconnected river-lake systems, the middle and lower reaches of the Yangtze River floodplain. <i>Science of the Total Environment</i> , 2021 , 768, 144534	10.2	7
25	Public health benefits of optimizing urban industrial land layout - The case of Changsha, China. <i>Environmental Pollution</i> , 2020 , 263, 114388	9.3	7
24	Interaction of tetramer protein with carbon nanotubes. <i>Applied Surface Science</i> , 2019 , 464, 30-35	6.7	6
23	PEDOT:PSS-glued MoO ₃ nanowire network for all-solid-state flexible transparent supercapacitors. <i>Nanoscale Advances</i> , 2021 , 3, 3502-3512	5.1	6
22	Simultaneous removal of hexavalent chromium and o-dichlorobenzene by isolated <i>Serratia marcescens</i> ZD-9. <i>Biodegradation</i> , 2018 , 29, 605-616	4.1	6
21	Underestimated or overestimated? Dynamic assessment of hourly PM exposure in the metropolitan area based on heatmap and micro-air monitoring stations. <i>Science of the Total Environment</i> , 2021 , 779, 146283	10.2	5
20	Impacts of changing climate on the distribution of migratory birds in China: Habitat change and population centroid shift. <i>Ecological Indicators</i> , 2021 , 127, 107729	5.8	5
19	Exploring the role of Fe species from biochar-iron composites in the removal and long-term immobilization of SeO against competing oxyanions. <i>Journal of Hazardous Materials</i> , 2021 , 418, 126311	12.8	5
18	Eutrophication research of Dongting Lake: an integrated ML-SEM with neural network approach. <i>International Journal of Environment and Pollution</i> , 2017 , 62, 31	0.7	4
17	Optimal solute transport in heterogeneous aquifer: coupled inverse modelling. <i>International Journal of Environment and Pollution</i> , 2010 , 42, 258	0.7	4
16	Markov Chain Monte Carlo Approach for Parameter Uncertainty Quantification and Its Impact on Groundwater Mass Transport Modeling: Influence of Prior Distribution. <i>Environmental Engineering Science</i> , 2014 , 31, 487-495	2	3
15	Integrated evaluation system under randomness and fuzziness for groundwater contamination risk assessment in a little town, Central China. <i>Journal of Central South University</i> , 2014 , 21, 1044-1050	2.1	3
14	Sensitivity difference between skotomorphogenesis and photomorphogenesis of plants to antibiotics: A call for research. <i>Chemosphere</i> , 2020 , 242, 125261	8.4	3

13	Microcystis aeruginosa exposure to an antagonism of nanoplastics and MWCNTs: The disorders in cellular and metabolic processes. <i>Chemosphere</i> , 2021 , 288, 132516	8.4	2
12	Comparative study on the bacterial diversity and antibiotic resistance genes of urban landscape waters replenished by reclaimed water and surface water in Xi'an, China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 41396-41406	5.1	2
11	The effects of biochar/compost for adsorption behaviors of sulfamethoxazole in amended wetland soil. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 49289-49301	5.1	2
10	Photocatalytic degradation of persistent organic pollutants by Co-Cl bond reinforced CoAl-LDH/BiOCl photocatalyst: mechanism and application prospect evaluation.. <i>Water Research</i> , 2022 , 219, 118558	12.5	2
9	Revealing the active period and type of tetracycline stress on Chinese cabbage (<i>Brassica rapa</i> L.) during seed germination and post-germination. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 11443-11449	5.1	1
8	Comparative effects of polystyrene nanoplastics with different surface charge on seedling establishment of Chinese cabbage (<i>Brassica rapa</i> L.).. <i>Chemosphere</i> , 2021 , 292, 133403	8.4	1
7	Tetracycline stress disturbs the mobilization of protein bodies in seed storage reserves during radicle elongation after seed germination. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 42150-42157	5.1	1
6	Detecting changes in water level caused by climate, land cover and dam construction in interconnected river-lake systems. <i>Science of the Total Environment</i> , 2021 , 788, 147692	10.2	1
5	Antibiotic of tetracycline can delay water absorption and germination of Brassica seeds even at low concentrations and it is dependent on seed inherent characteristics.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
4	Impact of macroeconomic factors on ozone precursor emissions in China. <i>Journal of Cleaner Production</i> , 2022 , 344, 130974	10.3	1
3	Spatial Variation and Assessment of Heavy Metal and Radioactive Risk in Farmland around a Retired Uranium Mine. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 78, 012005	0.3	0
2	Distribution characteristics of antibiotic resistance bacteria and related genes in urban recreational lakes replenished by different supplementary water source.. <i>Water Science and Technology</i> , 2022 , 85, 1176-1190	2.2	0
1	Estimating aerosol optical extinction across eastern China in winter during 2014-2019 using the random forest approach. <i>Atmospheric Environment</i> , 2022 , 269, 118864	5.3	0