

Jie Liang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3343639/jie-liang-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
137	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
136	Defective polymeric carbon nitride: Fabrications, photocatalytic applications and perspectives. <i>Chemical Engineering Journal</i> , 2022 , 427, 130991	14.7	14
135	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
134	Impact of macroeconomic factors on ozone precursor emissions in China. <i>Journal of Cleaner Production</i> , 2022 , 344, 130974	10.3	1
133	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
132	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
131	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
130	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
129	Recent Advances of Energy Solutions for Implantable Bioelectronics. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100199	10.1	21
128	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
127	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
126	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
125	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
124	Trade-off analyses and optimization of water-related ecosystem services (WREs) based on land use change in a typical agricultural watershed, southern China. <i>Journal of Cleaner Production</i> , 2021 , 279, 123851	10.3	28
123	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
122	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

121	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
120	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
119	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
118	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
117	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
116	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
115	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
114	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
113	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
112	Selective graphene-like metal-free 2D nanomaterials and their composites for photocatalysis. <i>Chemosphere</i> , 2021 , 284, 131254	8.4	9
111	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
110	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
109	Amidoxime-based materials for uranium recovery and removal. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 7588-7625	13	77
108	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
107	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
106	Versatile applications of capacitive deionization (CDI)-based technologies. <i>Desalination</i> , 2020 , 482, 114390.3	9.3	69
105	Bimetallic nanoparticles/metal-organic frameworks: Synthesis, applications and challenges. <i>Applied Materials Today</i> , 2020 , 19, 100564	6.6	23
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	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	11	34
102	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
101	Hybrid silicate-hydrochar composite for highly efficient removal of heavy metal and antibiotics: Coadsorption and mechanism. <i>Chemical Engineering Journal</i> , 2020 , 387, 124097	14.7	36
100	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
99	Sensitivity difference between skotomorphogenesis and photomorphogenesis of plants to antibiotics: A call for research. <i>Chemosphere</i> , 2020 , 242, 125261	8.4	3
98	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
97	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
96	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	7
95	Electrical Dynamic Switching of Magnetic Plasmon Resonance Based on Selective Lithium Deposition. <i>Advanced Materials</i> , 2020 , 32, e2000058	24	7
94	Public health benefits of optimizing urban industrial land layout - The case of Changsha, China. <i>Environmental Pollution</i> , 2020 , 263, 114388	9.3	7
93	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
92	China's dams threaten green peafowl. <i>Science</i> , 2019 , 364, 943	33.3	15
91	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
90	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
89	Understanding the influence of carbon nanomaterials on microbial communities. <i>Environment International</i> , 2019 , 126, 690-698	12.9	57
88	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
87	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
86	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	11	24

85	Effects of dam construction on biodiversity: A review. <i>Journal of Cleaner Production</i> , 2019 , 221, 480-489	10.3	90
84	Interaction of tetramer protein with carbon nanotubes. <i>Applied Surface Science</i> , 2019 , 464, 30-35	6.7	6
83	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
82	Perchlorate removal from brackish water by capacitive deionization: Experimental and theoretical investigations. <i>Chemical Engineering Journal</i> , 2019 , 361, 209-218	14.7	30
81	Various cell architectures of capacitive deionization: Recent advances and future trends. <i>Water Research</i> , 2019 , 150, 225-251	12.5	174
80	Magnetic nanoferrromanganese 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
79	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
78	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
77	Span80/Tween80 stabilized bio-oil-in-diesel microemulsion: Formation and combustion. <i>Renewable Energy</i> , 2018 , 126, 774-782	8.1	26
76	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
75	Coupling Modern Portfolio Theory and Marxan enhances the efficiency of Lesser White-fronted Goose (Anser erythropus) habitat conservation. <i>Scientific Reports</i> , 2018 , 8, 214	4.9	12
74	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
73	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
72	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
71	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
70	Seed germination test for toxicity evaluation of compost: Its roles, problems and prospects. <i>Waste Management</i> , 2018 , 71, 109-114	8.6	159
69	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
68	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

67	Efficient visible-light driven photocatalyst, silver (meta)vanadate: Synthesis, morphology and modification. <i>Chemical Engineering Journal</i> , 2018 , 352, 782-802	14.7	44
66	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
65	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
64	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
63	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
62	Biological technologies for the remediation of co-contaminated soil. <i>Critical Reviews in Biotechnology</i> , 2017 , 37, 1062-1076	9.4	341
61	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
60	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
59	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
58	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
57	Doping of graphitic carbon nitride for photocatalysis: A review. <i>Applied Catalysis B: Environmental</i> , 2017 , 217, 388-406	21.8	802
56	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
55	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
54	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
53	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
52	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
51	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
50	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

49	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
48	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
47	Characteristics of Particulate Pollution (PM2.5 and PM10) and Their Spacescale-Dependent Relationships with Meteorological Elements in China. <i>Sustainability</i> , 2017 , 9, 2330	3.6	31
46	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
45	Nanostructured core-shell electrode materials for electrochemical capacitors. <i>Journal of Power Sources</i> , 2016 , 331, 408-425	8.9	82
44	Co-pelletization of sewage sludge and biomass: Thermogravimetric analysis and ash deposits. <i>Fuel Processing Technology</i> , 2016 , 145, 109-115	7.2	55
43	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
42	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
41	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
40	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
39	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
38	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
37	EDDS-assisted reduction of Cr(VI) by nanoscale zero-valent iron. <i>Separation and Purification Technology</i> , 2016 , 165, 86-91	8.3	33
36	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
35	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
34	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
33	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
32	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

31	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
30	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
29	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
28	Fluorescent sensing of sulfide ions based on papain-directed gold nanoclusters. <i>New Journal of Chemistry</i> , 2015 , 39, 9306-9312	3.6	34
27	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
26	Pyrolysis and combustion kinetics of sludge&hor pellet thermal decomposition using thermogravimetric analysis. <i>Energy Conversion and Management</i> , 2015 , 106, 282-289	10.6	52
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	Phanerochaete chrysosporium inoculation shapes the indigenous fungal communities during agricultural waste composting. <i>Biodegradation</i> , 2014 , 25, 669-80	4.1	18
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	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

13	Co-pelletization of sewage sludge and biomass: the density and hardness of pellet. <i>Bioresource Technology</i> , 2014 , 166, 435-43	11	120
12	Mechanisms of regulating tissue elongation in <i>Drosophila</i> wing: impact of oriented cell divisions, oriented mechanical forces, and reduced cell size. <i>PLoS ONE</i> , 2014 , 9, e86725	3.7	15
11	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
10	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
9	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
8	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
7	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
6	Multimedia health risk assessment: A case study of scenario-uncertainty. <i>Journal of Central South University</i> , 2012 , 19, 2901-2909	2.1	28
5	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
4	Optimal solute transport in heterogeneous aquifer: coupled inverse modelling. <i>International Journal of Environment and Pollution</i> , 2010 , 42, 258	0.7	4
3	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
2	Uncertainty Analysis of Stochastic Solute Transport in a Heterogeneous Aquifer. <i>Environmental Engineering Science</i> , 2009 , 26, 359-368	2	10
1	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