

Jie Liang

List of Publications by Year in descending order

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141
papers

16,894
citations

13068

68
h-index

14702

127
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141
all docs

141
docs citations

141
times ranked

15911
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium-plasmon-based low-powered dynamic color display. <i>National Science Review</i> , 2023, 10, .	4.6	8
2	Defective polymeric carbon nitride: Fabrications, photocatalytic applications and perspectives. <i>Chemical Engineering Journal</i> , 2022, 427, 130991.	6.6	85
3	<i>Microcystis aeruginosa</i> 's exposure to an antagonism of nanoplastics and MWCNTs: The disorders in cellular and metabolic processes. <i>Chemosphere</i> , 2022, 288, 132516.	4.2	17
4	Estimating aerosol optical extinction across eastern China in winter during 2014â€“2019 using the random forest approach. <i>Atmospheric Environment</i> , 2022, 269, 118864.	1.9	6
5	Comparative effects of polystyrene nanoplastics with different surface charge on seedling establishment of Chinese cabbage (<i>Brassica rapa</i> L.). <i>Chemosphere</i> , 2022, 292, 133403.	4.2	22
6	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.	1.2	2
7	Antibiotic of tetracycline can delay water absorption and germination of <i>Brassica</i> seeds even at low concentrations and it is dependent on seed inherent characteristics. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	1
8	Impact of macroeconomic factors on ozone precursor emissions in China. <i>Journal of Cleaner Production</i> , 2022, 344, 130974.	4.6	11
9	Photocatalytic degradation of persistent organic pollutants by Co-Cl bond reinforced CoAl-LDH/Bi12O17Cl2 photocatalyst: mechanism and application prospect evaluation. <i>Water Research</i> , 2022, 219, 118558.	5.3	90
10	2D single- and few-layered MXenes: synthesis, applications and perspectives. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13651-13672.	5.2	56
11	Identification of priority areas for water ecosystem services by a techno-economic, social and climate change modeling framework. <i>Water Research</i> , 2022, 221, 118766.	5.3	20
12	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.	4.6	94
13	Microplastics in the coral reefs and their potential impacts on corals: A mini-review. <i>Science of the Total Environment</i> , 2021, 762, 143112.	3.9	95
14	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.	6.5	308
15	Photocatalytic degradation of tetracycline antibiotics using delafossite silver ferrite-based Z-scheme photocatalyst: Pathways and mechanism insight. <i>Chemosphere</i> , 2021, 270, 128651.	4.2	95
16	PEDOT:PSS-glued MoO ₃ nanowire network for all-solid-state flexible transparent supercapacitors. <i>Nanoscale Advances</i> , 2021, 3, 3502-3512.	2.2	22
17	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.	2.7	6
18	Recent Advances of Energy Solutions for Implantable Bioelectronics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100199.	3.9	65

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19	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.	3.9	17
20	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.	2.7	9
21	Underestimated or overestimated? Dynamic assessment of hourly PM2.5 exposure in the metropolitan area based on heatmap and micro-air monitoring stations. <i>Science of the Total Environment</i> , 2021, 779, 146283.	3.9	13
22	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.	6.6	227
23	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.	2.6	22
24	Exploring the role of Fe species from biochar-iron composites in the removal and long-term immobilization of SeO4 ²⁻ against competing oxyanions. <i>Journal of Hazardous Materials</i> , 2021, 418, 126311.	6.5	11
25	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.	3.9	21
26	Fabrication and regulation of vacancy-mediated bismuth oxyhalide towards photocatalytic application: Development status and tendency. <i>Coordination Chemistry Reviews</i> , 2021, 443, 214033.	9.5	90
27	Defect engineering in polymeric carbon nitride photocatalyst: Synthesis, properties and characterizations. <i>Advances in Colloid and Interface Science</i> , 2021, 296, 102523.	7.0	49
28	Strategic combination of nitrogen-doped carbon quantum dots and g-C3N4: Efficient photocatalytic peroxydisulfate for the degradation of tetracycline hydrochloride and mechanism insight. <i>Separation and Purification Technology</i> , 2021, 272, 118947.	3.9	65
29	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.	5.0	48
30	Selective graphene-like metal-free 2D nanomaterials and their composites for photocatalysis. <i>Chemosphere</i> , 2021, 284, 131254.	4.2	26
31	A thin, deformable, high-performance supercapacitor implant that can be biodegraded and bioabsorbed within an animal body. <i>Science Advances</i> , 2021, 7, .	4.7	89
32	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.	6.5	131
33	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.	6.6	91
34	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.	3.9	113
35	Sensitivity difference between skotomorphogenesis and photomorphogenesis of plants to antibiotics: A call for research. <i>Chemosphere</i> , 2020, 242, 125261.	4.2	4
36	Removal and recovery of phosphorus from low-strength wastewaters by flow-electrode capacitive deionization. <i>Separation and Purification Technology</i> , 2020, 237, 116322.	3.9	86

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37	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.	3.9	62
38	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.	2.7	3
39	Electrical Dynamic Switching of Magnetic Plasmon Resonance Based on Selective Lithium Deposition. <i>Advanced Materials</i> , 2020, 32, e2000058.	11.1	16
40	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.	4.6	46
41	Amidoxime-based materials for uranium recovery and removal. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7588-7625.	5.2	234
42	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.	2.7	1
43	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.	10.8	449
44	Versatile applications of capacitive deionization (CDI)-based technologies. <i>Desalination</i> , 2020, 482, 114390.	4.0	177
45	Bimetallic nanoparticles/metal-organic frameworks: Synthesis, applications and challenges. <i>Applied Materials Today</i> , 2020, 19, 100564.	2.3	57
46	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.	5.3	140
47	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.	4.8	70
48	Public health benefits of optimizing urban industrial land layout - The case of Changsha, China. <i>Environmental Pollution</i> , 2020, 263, 114388.	3.7	9
49	Research on the sustainable efficacy of g-MoS ₂ decorated biochar nanocomposites for removing tetracycline hydrochloride from antibiotic-polluted aqueous solution. <i>Science of the Total Environment</i> , 2019, 648, 206-217.	3.9	287
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.	4.8	42
51	Responses of seeds of typical Brassica crops to tetracycline stress: Sensitivity difference and source analysis. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109597.	2.9	15
52	China's dams threaten green peafowl. <i>Science</i> , 2019, 364, 943-943.	6.0	19
53	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.	3.7	25
54	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.	10.8	516

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55	Understanding the influence of carbon nanomaterials on microbial communities. <i>Environment International</i> , 2019, 126, 690-698.	4.8	94
56	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.	4.6	50
57	Effects of dam construction on biodiversity: A review. <i>Journal of Cleaner Production</i> , 2019, 221, 480-489.	4.6	186
58	Interaction of tetramer protein with carbon nanotubes. <i>Applied Surface Science</i> , 2019, 464, 30-35.	3.1	6
59	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.	6.6	171
60	Perchlorate removal from brackish water by capacitive deionization: Experimental and theoretical investigations. <i>Chemical Engineering Journal</i> , 2019, 361, 209-218.	6.6	39
61	Various cell architectures of capacitive deionization: Recent advances and future trends. <i>Water Research</i> , 2019, 150, 225-251.	5.3	298
62	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.	2.7	86
63	Nitrogen self-doped g-C ₃ N ₄ nanosheets with tunable band structures for enhanced photocatalytic tetracycline degradation. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 17-29.	5.0	193
64	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.	5.3	343
65	Span80/Tween80 stabilized bio-oil-in-diesel microemulsion: Formation and combustion. <i>Renewable Energy</i> , 2018, 126, 774-782.	4.3	38
66	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.	4.8	39
67	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.	1.6	16
68	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.	10.8	495
69	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.	3.9	144
70	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.	2.2	174
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.	1.5	25
72	Seed germination test for toxicity evaluation of compost: Its roles, problems and prospects. <i>Waste Management</i> , 2018, 71, 109-114.	3.7	264

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73	Metal-free efficient photocatalyst for stable visible-light photocatalytic degradation of refractory pollutant. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 715-725.	10.8	438
74	Simultaneous removal of hexavalent chromium and o-dichlorobenzene by isolated <i>Serratia marcescens</i> ZD-9. <i>Biodegradation</i> , 2018, 29, 605-616.	1.5	13
75	A facile band alignment of polymeric carbon nitride isotype heterojunctions for enhanced photocatalytic tetracycline degradation. <i>Environmental Science: Nano</i> , 2018, 5, 2604-2617.	2.2	93
76	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.	2.9	45
77	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.	3.9	34
78	Efficient visible-light driven photocatalyst, silver (meta)vanadate: Synthesis, morphology and modification. <i>Chemical Engineering Journal</i> , 2018, 352, 782-802.	6.6	65
79	Combined Impacts of Land Use and Climate Change in the Modeling of Future Groundwater Vulnerability. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	31
80	Biological technologies for the remediation of co-contaminated soil. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 1062-1076.	5.1	423
81	Changes in heavy metal mobility and availability from contaminated wetland soil remediated with combined biochar-compost. <i>Chemosphere</i> , 2017, 181, 281-288.	4.2	298
82	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.	4.8	379
83	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.	3.2	372
84	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.	3.2	337
85	Doping of graphitic carbon nitride for photocatalysis: A review. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 388-406.	10.8	1,194
86	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.	3.7	416
87	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.	3.9	154
88	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.	3.9	92
89	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.	6.6	335
90	Atmospheric deposition of mercury and cadmium impacts on topsoil in a typical coal mine city, Lianyuan, China. <i>Chemosphere</i> , 2017, 189, 198-205.	4.2	60

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91	Highly efficient visible-light-induced photoactivity of Z-scheme Ag ₂ CO ₃ /Ag ₃ WO ₃ photocatalysts for organic pollutant degradation. <i>Environmental Science: Nano</i> , 2017, 4, 2175-2185.	2.2	121
92	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.	5.1	303
93	Eutrophication research of Dongting Lake: an integrated ML-SEM with neural network approach. <i>International Journal of Environment and Pollution</i> , 2017, 62, 31.	0.2	5
94	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.	1.6	36
95	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.	0.2	2
96	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, 8583-8591.	1.7	140
97	Determination of inequable fate and toxicity of Ag nanoparticles in a <i>Phanerochaete chrysosporium</i> biofilm system through different sulfide sources. <i>Environmental Science: Nano</i> , 2016, 3, 1027-1035.	2.2	25
98	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.	1.1	63
99	EDDS-assisted reduction of Cr(VI) by nanoscale zero-valent iron. <i>Separation and Purification Technology</i> , 2016, 165, 86-91.	3.9	42
100	Responses of soil microbial biomass and bacterial community structure to closed-off management (an) Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 345-350.	1.1	19
101	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, 785-790.	3.9	247
102	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.	4.4	103
103	Nanostructured core-shell electrode materials for electrochemical capacitors. <i>Journal of Power Sources</i> , 2016, 331, 408-425.	4.0	102
104	Co-pelletization of sewage sludge and biomass: Thermogravimetric analysis and ash deposits. <i>Fuel Processing Technology</i> , 2016, 145, 109-115.	3.7	76
105	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.	1.6	40
106	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, 11806-11813.	2.7	37
107	The dual effects of carboxymethyl cellulose on the colloidal stability and toxicity of nanoscale zero-valent iron. <i>Chemosphere</i> , 2016, 144, 1682-1689.	4.2	88
108	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, 100-108.	0.9	69

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109	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, 180-188.	3.2	39
110	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.	2.6	70
111	Co-pelletization of sewage sludge and biomass: The energy input and properties of pellets. <i>Fuel Processing Technology</i> , 2015, 132, 55-61.	3.7	85
112	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.	1.6	55
113	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.	1.9	97
114	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, 14-19.	4.2	93
115	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.	2.3	171
116	Synthesis of magnetic graphene oxide@TiO ₂ and their antibacterial properties under solar irradiation. <i>Applied Surface Science</i> , 2015, 343, 1-10.	3.1	94
117	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.	6.6	129
118	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.	1.7	134
119	Fluorescent sensing of sulfide ions based on papain-directed gold nanoclusters. <i>New Journal of Chemistry</i> , 2015, 39, 9306-9312.	1.4	42
120	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, 31-37.	5.3	48
121	Pyrolysis and combustion kinetics of sludge@camphor pellet thermal decomposition using thermogravimetric analysis. <i>Energy Conversion and Management</i> , 2015, 106, 282-289.	4.4	72
122	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.	1.1	16
123	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, 1014-1027.	3.9	605
124	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.	2.5	20
125	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.	1.7	28
126	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.	0.8	4

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127	Phanerochaete chrysosporium inoculation shapes the indigenous fungal communities during agricultural waste composting. <i>Biodegradation</i> , 2014, 25, 669-680.	1.5	22
128	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.	1.2	4
129	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.	1.6	78
130	Co-pelletization of sewage sludge and biomass: The density and hardness of pellet. <i>Bioresource Technology</i> , 2014, 166, 435-443.	4.8	146
131	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.	1.6	84
132	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.	1.5	337
133	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.	7.0	306
134	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.	6.6	565
135	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.	1.7	174
136	Multimedia health risk assessment: A case study of scenario-uncertainty. <i>Journal of Central South University</i> , 2012, 19, 2901-2909.	1.2	29
137	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.	1.2	11
138	Optimal solute transport in heterogeneous aquifer: coupled inverse modelling. <i>International Journal of Environment and Pollution</i> , 2010, 42, 258.	0.2	4
139	Spatial analysis of human health risk associated with ingesting manganese in Huangxing Town, Middle China. <i>Chemosphere</i> , 2009, 77, 368-375.	4.2	73
140	Uncertainty Analysis of Stochastic Solute Transport in a Heterogeneous Aquifer. <i>Environmental Engineering Science</i> , 2009, 26, 359-368.	0.8	10
141	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.	4.3	8