

He-Long Jiang

List of Publications by Year in descending order

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138
papers

5,528
citations

57631

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98622

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all docs

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docs citations

139
times ranked

4707
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of steroid estrogen biodegradation to cyanobacterial organic matter biodegradability in the water column of a eutrophic lake. <i>Science of the Total Environment</i> , 2022, 805, 150058.	3.9	9
2	Comparing the effects of algae and macrophyte residues' degradation on biological nitrogen fixation in freshwater lake sediments. <i>Science of the Total Environment</i> , 2022, 809, 151129.	3.9	4
3	Resuspension and settlement characteristics of lake sediments amended by phosphorus inactivating materials: Implications for environmental remediation. <i>Journal of Environmental Management</i> , 2022, 302, 113892.	3.8	10
4	Microbial processing of autochthonous organic matter controls the biodegradation of 17 β -ethinylestradiol in lake sediments under anoxic conditions. <i>Environmental Pollution</i> , 2022, 296, 118760.	3.7	5
5	Particle size-related vertical redistribution of phosphorus (P)-inactivating materials induced by resuspension shaped P immobilization in lake sediment profile. <i>Water Research</i> , 2022, 213, 118150.	5.3	13
6	An assessment of the purification performance and resilience of sponge-based aerobic biofilm reactors for treating polluted urban surface waters. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	5
7	Supercapacitors accumulating energy harvesting from stacked sediment microbial fuel cells and boosting input power for power management systems. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 10689-10700.	3.8	14
8	Effects of accumulated cyanobacterial bloom biomass contents on the characteristics of surface fluid sediments in a eutrophic shallow lake. <i>Journal of Environmental Management</i> , 2022, 308, 114644.	3.8	5
9	Drinking water treatment residue recycled to synchronously control the pollution of polycyclic aromatic hydrocarbons and phosphorus in sediment from aquatic ecosystems. <i>Journal of Hazardous Materials</i> , 2022, 431, 128533.	6.5	8
10	Production of bio-stable fluid sediment from accumulation of cyanobacterial bloom biomass under various water depths. <i>Science of the Total Environment</i> , 2022, 827, 154224.	3.9	3
11	Sediment pH structures the potential of the lake's internal P pollution involved in different types of P reactivation. <i>Journal of Cleaner Production</i> , 2022, 352, 131576.	4.6	13
12	Higher dissolved oxygen levels promote downward migration of phosphorus in the sediment profile: Implications for lake restoration. <i>Chemosphere</i> , 2022, 301, 134705.	4.2	10
13	Functional potential and assembly of microbes from sediments in a lake bay and adjoining river ecosystem for polycyclic aromatic hydrocarbon biodegradation. <i>Environmental Microbiology</i> , 2021, 23, 628-640.	1.8	24
14	Novel magnetic loofah sponge biochar enhancing microbial responses for the remediation of polycyclic aromatic hydrocarbons-contaminated sediment. <i>Journal of Hazardous Materials</i> , 2021, 401, 123859.	6.5	34
15	The sequential dewatering and drying treatment enhanced the potential favorable effect of microbial communities in drinking water treatment residue for environmental recycling. <i>Chemosphere</i> , 2021, 262, 127930.	4.2	6
16	Organic matter stabilized Fe in drinking water treatment residue with implications for environmental remediation. <i>Water Research</i> , 2021, 189, 116688.	5.3	20
17	The feasibility of recycling drinking water treatment residue as suspended substrate for the removal of excess P and N from natural water. <i>Journal of Environmental Management</i> , 2021, 280, 111640.	3.8	11
18	Effects of previous drying of sediment on root functional traits and rhizoperformance of emerged macrophytes. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	2

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19	Habitat heterogeneity induces regional differences in sediment nitrogen fixation in eutrophic freshwater lake. <i>Science of the Total Environment</i> , 2021, 772, 145594.	3.9	21
20	Global co-occurrence of methanogenic archaea and methanotrophic bacteria in <i>Microcystis</i> aggregates. <i>Environmental Microbiology</i> , 2021, 23, 6503-6519.	1.8	13
21	The settling of resuspended lake sediment related to physicochemical properties of particles of different sizes: Implication for environmental remediation. <i>International Journal of Sediment Research</i> , 2021, 36, 542-554.	1.8	10
22	The contribution of sediment desiccation and rewetting process to eutrophication in the presence and absence of emergent macrophytes. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	0
23	Biological Nitrogen Fixation in Sediments of a Cyanobacterial Bloom-Occurring Bay in One Eutrophic Shallow Lake: Occurrence and Related Environmental Factors. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006342.	1.3	3
24	Drinking water treatment residue structures nitrogen-cycling microbiomes with consequences for high nitrogen conversion. <i>Journal of Cleaner Production</i> , 2021, 320, 128840.	4.6	7
25	The composition difference of macrophyte litter-derived dissolved organic matter by photodegradation and biodegradation: Role of reactive oxygen species on refractory component. <i>Chemosphere</i> , 2020, 242, 125155.	4.2	37
26	Analysis of the conductive behavior of a simplified sediment system and its computational simulation. <i>International Journal of Sediment Research</i> , 2020, 35, 249-255.	1.8	0
27	The global <i>Microcystis</i> interactome. <i>Limnology and Oceanography</i> , 2020, 65, S194-S207.	1.6	63
28	Effect of organic matter derived from algae and macrophyte on anaerobic ammonium oxidation coupled to ferric iron reduction in the sediment of a shallow freshwater lake. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25899-25907.	2.7	15
29	Characteristics and bacterial community dynamics during extracellular polymeric substance (EPS) degradation of cyanobacterial blooms. <i>Science of the Total Environment</i> , 2020, 748, 142309.	3.9	25
30	Adsorption of cyanobacterial extracellular polymeric substance on colloidal particle: Influence of molecular weight. <i>Science of the Total Environment</i> , 2020, 715, 136959.	3.9	24
31	Enhanced nitrate removal from surface water in a denitrifying woodchip bioreactor with a heterotrophic nitrifying and aerobic denitrifying fungus. <i>Bioresource Technology</i> , 2020, 303, 122948.	4.8	60
32	Molecular weight-dependent heterogeneities in photochemical formation of hydroxyl radical from dissolved organic matters with different sources. <i>Science of the Total Environment</i> , 2020, 725, 138402.	3.9	16
33	Priming effect of autochthonous organic matter on enhanced degradation of 17 β -ethynylestradiol in water-sediment system of one eutrophic lake. <i>Water Research</i> , 2020, 184, 116153.	5.3	25
34	Coordinated photodegradation and biodegradation of organic matter from macrophyte litter in shallow lake water: Dual role of solar irradiation. <i>Water Research</i> , 2020, 172, 115516.	5.3	28
35	Photogeneration and steady-state concentration of hydroxyl radical in river and lake waters along middle-lower Yangtze region, China. <i>Water Research</i> , 2020, 176, 115774.	5.3	30
36	Reliance and effect of sediment bulking on the physicochemical properties of sediments in aquatic environments. <i>Science of the Total Environment</i> , 2020, 723, 137872.	3.9	6

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37	Hydrodynamic disturbance on phosphorus release across the sediment-water interface in Xuanwu Lake, China. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 735-742.	1.0	7
38	Contrasting Effects of Sediment Microbial Fuel Cells (SMFCs) on the Degradation of Macrophyte Litter in Sediments from Different Areas of a Shallow Eutrophic Lake. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3703.	1.3	8
39	Real-time monitoring of sediment bulking through a multi-anode sediment microbial fuel cell as reliable biosensor. <i>Science of the Total Environment</i> , 2019, 697, 134009.	3.9	29
40	Functional and structural roles of wiry and sturdy rooted emerged macrophytes root functional traits in the abatement of nutrients and metals. <i>Journal of Environmental Management</i> , 2019, 249, 109330.	3.8	17
41	Molecular weight-dependent adsorption fractionation of natural organic matter on ferrihydrite colloids in aquatic environment. <i>Chemical Engineering Journal</i> , 2019, 363, 356-364.	6.6	63
42	A simple method to improve the adsorption properties of drinking water treatment residue by lanthanum modification. <i>Chemosphere</i> , 2019, 221, 750-757.	4.2	10
43	Improved lignin degradation through distinct microbial community in subsurface sediments of one eutrophic lake. <i>Renewable Energy</i> , 2019, 138, 861-869.	4.3	25
44	Development of a sediment microbial fuel cell-based biosensor for simultaneous online monitoring of dissolved oxygen concentrations along various depths in lake water. <i>Science of the Total Environment</i> , 2019, 673, 272-280.	3.9	53
45	Desorption of nitrogen from drinking water treatment residue: Implications for environmental recycling. <i>Journal of Cleaner Production</i> , 2019, 226, 96-105.	4.6	13
46	Anaerobic ammonium oxidation coupled to ferric iron reduction in the sediment of a eutrophic lake. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15084-15094.	2.7	28
47	Molecular weight-dependent spectral and metal binding properties of sediment dissolved organic matter from different origins. <i>Science of the Total Environment</i> , 2019, 665, 828-835.	3.9	102
48	Performance Study of Polypyrrole-nanowires Based Microbial Fuel Cells. , 2019, , .		3
49	Application of a microbial fuel cell-based biosensor for the energy-saving operation of macrophyte residues bioreactor with low concentration of dissolved organic carbon in effluents. <i>Chemosphere</i> , 2019, 220, 1075-1082.	4.2	7
50	Co-occurrence patterns of the microbial community in polycyclic aromatic hydrocarbon-contaminated riverine sediments. <i>Journal of Hazardous Materials</i> , 2019, 367, 99-108.	6.5	85
51	Development of a hybrid biofilm reactor for nitrate removal from surface water with macrophyte residues as carbon substrate. <i>Ecological Engineering</i> , 2019, 128, 1-8.	1.6	14
52	Effects of natural dissolved organic matter on the complexation and biodegradation of 17 β -ethinylestradiol in freshwater lakes. <i>Environmental Pollution</i> , 2019, 246, 782-789.	3.7	36
53	Response of bloom-forming cyanobacterium <i>Microcystis aeruginosa</i> to 17 β -estradiol at different nitrogen levels. <i>Chemosphere</i> , 2019, 219, 174-182.	4.2	21
54	Intermittent aeration incubation of drinking water treatment residuals for recycling in aquatic environment remediation. <i>Journal of Cleaner Production</i> , 2018, 183, 220-230.	4.6	19

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55	Lanthanum-modified drinking water treatment residue for initial rapid and long-term equilibrium phosphorus immobilization to control eutrophication. <i>Water Research</i> , 2018, 137, 173-183.	5.3	44
56	Recycling of drinking water treatment residue as an additional medium in columns for effective P removal from eutrophic surface water. <i>Journal of Environmental Management</i> , 2018, 217, 363-372.	3.8	31
57	Effects of dissolved organic matter leaching from macrophyte litter on black water events in shallow lakes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9928-9939.	2.7	42
58	Effects of initial sediment properties on start-up times for sediment microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10082-10093.	3.8	45
59	The stability of drinking water treatment residue with ozone treatment. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1697-1704.	1.2	4
60	Dissolved organic matter binding with Pb(II) as characterized by differential spectra and 2D UV-FTIR heterospectral correlation analysis. <i>Water Research</i> , 2018, 144, 435-443.	5.3	73
61	Dynamic molecular size transformation of aquatic colloidal organic matter as a function of pH and cations. <i>Water Research</i> , 2018, 144, 543-552.	5.3	35
62	Magnetic particles modification of coconut shell-derived activated carbon and biochar for effective removal of phenol from water. <i>Chemosphere</i> , 2018, 211, 962-969.	4.2	155
63	Characterization, origin and aggregation behavior of colloids in eutrophic shallow lake. <i>Water Research</i> , 2018, 142, 176-186.	5.3	58
64	<i>Niveispirillum lacus</i> sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 507-512.	0.8	10
65	<i>Sandarakinorhabdus cyanobacteriorum</i> sp. nov., a novel bacterium isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 730-735.	0.8	18
66	<i>Flavobacterium cyanobacteriorum</i> sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1279-1284.	0.8	8
67	Toward Quantitative Understanding of the Bioavailability of Dissolved Organic Matter in Freshwater Lake during Cyanobacteria Blooming. <i>Environmental Science & Technology</i> , 2017, 51, 6018-6026.	4.6	85
68	<i>Aquidulcibacter paucihalophilus</i> gen. nov., sp. nov., a novel member of family Caulobacteraceae isolated from cyanobacterial aggregates in a eutrophic lake. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1169-1177.	0.7	13
69	Isolation and characterization of a bacterial strain <i>Hydrogenophaga</i> sp. PYR1 for anaerobic pyrene and benzo[a]pyrene biodegradation. <i>RSC Advances</i> , 2017, 7, 46690-46698.	1.7	66
70	Multi-spectroscopic investigation on the complexation of tetracycline with dissolved organic matter derived from algae and macrophyte. <i>Chemosphere</i> , 2017, 187, 421-429.	4.2	79
71	Draft genome sequence of <i>Elstera cyanobacteriorum</i> , a novel facultative aerobic bacterium isolated from cyanobacterial aggregates in a eutrophic lake. <i>Gene Reports</i> , 2017, 9, 136-138.	0.4	0
72	Roles of phytoplankton- and macrophyte-derived dissolved organic matter in sulfamethazine adsorption on goethite. <i>Environmental Pollution</i> , 2017, 230, 87-95.	3.7	36

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73	Interconnection of Key Microbial Functional Genes for Enhanced Benzo[<i>a</i>]pyrene Biodegradation in Sediments by Microbial Electrochemistry. <i>Environmental Science & Technology</i> , 2017, 51, 8519-8529.	4.6	64
74	Bioavailable phosphorus (P) reduction is less than mobile P immobilization in lake sediment for eutrophication control by inactivating agents. <i>Water Research</i> , 2017, 109, 196-206.	5.3	81
75	<i>Elstera cyanobacteriorum</i> sp. nov., a novel bacterium isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4272-4275.	0.8	17
76	Effects of visible light radiation on macrophyte litter degradation and nutrient release in water samples from a eutrophic shallow lake. <i>Chemistry and Ecology</i> , 2016, 32, 961-975.	0.6	13
77	Applicability of drinking water treatment residue for lake restoration in relation to metal/metalloid risk assessment. <i>Scientific Reports</i> , 2016, 6, 38638.	1.6	8
78	Inferior adaptation of bay sediments in a eutrophic shallow lake to winter season for organic matter decomposition. <i>Environmental Pollution</i> , 2016, 219, 794-803.	3.7	6
79	Identifying the Chemical Composition of Decomposed Residues From Cyanobacterial Bloom Biomass by Pyrolysis- GC/MS . <i>Clean - Soil, Air, Water</i> , 2016, 44, 1636-1643.	0.7	6
80	The addition of FeOOH binds phosphate in organic matter-rich sediments. <i>Chemistry and Ecology</i> , 2016, 32, 432-445.	0.6	8
81	Increasing sulfate concentrations result in higher sulfide production and phosphorous mobilization in a shallow eutrophic freshwater lake. <i>Water Research</i> , 2016, 96, 94-104.	5.3	67
82	Algal bloom sedimentation induces variable control of lake eutrophication by phosphorus inactivating agents. <i>Science of the Total Environment</i> , 2016, 557-558, 479-488.	3.9	39
83	Relative contribution of iron reduction to sediments organic matter mineralization in contrasting habitats of a shallow eutrophic freshwater lake. <i>Environmental Pollution</i> , 2016, 213, 904-912.	3.7	30
84	Effects of internal loading on phosphorus distribution in the Taihu Lake driven by wind waves and lake currents. <i>Environmental Pollution</i> , 2016, 219, 760-773.	3.7	117
85	Electrolyte Cations Binding with Extracellular Polymeric Substances Enhanced <i>Microcystis</i> Aggregation: Implication for <i>Microcystis</i> Bloom Formation in Eutrophic Freshwater Lakes. <i>Environmental Science & Technology</i> , 2016, 50, 9034-9043.	4.6	60
86	Extracellular polymeric substances facilitate the biosorption of phenanthrene on cyanobacteria <i>Microcystis aeruginosa</i> . <i>Chemosphere</i> , 2016, 162, 172-180.	4.2	39
87	No enhancement of cyanobacterial bloom biomass decomposition by sediment microbial fuel cell (SMFC) at different temperatures. <i>Environmental Pollution</i> , 2016, 218, 59-65.	3.7	7
88	Key factors related to drinking water treatment residue selection for adsorptive properties tuning via oxygen-limited heat treatment. <i>Chemical Engineering Journal</i> , 2016, 306, 897-907.	6.6	13
89	Aggregation kinetics of inorganic colloids in eutrophic shallow lakes: Influence of cyanobacterial extracellular polymeric substances and electrolyte cations. <i>Water Research</i> , 2016, 106, 344-351.	5.3	29
90	Chemicals used for <i>in situ</i> immobilization to reduce the internal phosphorus loading from lake sediments for eutrophication control. <i>Critical Reviews in Environmental Science and Technology</i> , 2016, 46, 947-997.	6.6	90

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91	pH-dependent phosphatization of ZnO nanoparticles and its influence on subsequent lead sorption. <i>Environmental Pollution</i> , 2016, 208, 723-731.	3.7	18
92	Dominance of <i>Oscillospira</i> and <i>Bacteroides</i> in the bacterial community associated with the degradation of high-concentration dimethyl sulfide under iron-reducing condition. <i>Annals of Microbiology</i> , 2016, 66, 1199-1206.	1.1	15
93	The enhanced survival of submerged macrophyte <i>Potamogeton malaianus</i> by sediment microbial fuel cells. <i>Ecological Engineering</i> , 2016, 87, 254-262.	1.6	22
94	Depth-dependent variations of sedimentary dissolved organic matter composition in a eutrophic lake: Implications for lake restoration. <i>Chemosphere</i> , 2016, 145, 551-559.	4.2	59
95	Tuning the adsorptive properties of drinking water treatment residue via oxygen-limited heat treatment for environmental recycle. <i>Chemical Engineering Journal</i> , 2016, 284, 571-581.	6.6	45
96	Variation of physicochemical properties of drinking water treatment residuals and Phoslock® induced by fulvic acid adsorption: Implication for lake restoration. <i>Environmental Science and Pollution Research</i> , 2016, 23, 351-365.	2.7	8
97	Complex Interactions Between the Macrophyte <i>Acorus Calamus</i> and Microbial Fuel Cells During Pyrene and Benzo[a]Pyrene Degradation in Sediments. <i>Scientific Reports</i> , 2015, 5, 10709.	1.6	85
98	To prevent the occurrence of black water agglomerate through delaying decomposition of cyanobacterial bloom biomass by sediment microbial fuel cell. <i>Journal of Hazardous Materials</i> , 2015, 287, 7-15.	6.5	58
99	Beyond enhancement of macrophyte litter decomposition in sediments from a terrestrialized shallow lake through bioanode employment. <i>Chemical Engineering Journal</i> , 2015, 279, 433-441.	6.6	36
100	Aging of aluminum/iron-based drinking water treatment residuals in lake water and their association with phosphorus immobilization capability. <i>Journal of Environmental Management</i> , 2015, 159, 178-185.	3.8	24
101	Effects of cyanobacterial extracellular polymeric substances on the stability of ZnO nanoparticles in eutrophic shallow lakes. <i>Environmental Pollution</i> , 2015, 197, 231-239.	3.7	41
102	<i>Niveispirillum cyanobacteriorum</i> sp. nov., a nitrogen-fixing bacterium isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2537-2541.	0.8	16
103	Further Insights into Metal-DOM Interaction: Consideration of Both Fluorescent and Non-Fluorescent Substances. <i>PLoS ONE</i> , 2014, 9, e112272.	1.1	12
104	Towards understanding the role of extracellular polymeric substances in cyanobacterial <i>Microcystis</i> aggregation and mucilaginous bloom formation. <i>Chemosphere</i> , 2014, 117, 815-822.	4.2	89
105	To improve the performance of sediment microbial fuel cell through amending colloidal iron oxyhydroxide into freshwater sediments. <i>Bioresource Technology</i> , 2014, 159, 232-239.	4.8	69
106	Accelerated removal of pyrene and benzo[a]pyrene in freshwater sediments with amendment of cyanobacteria-derived organic matter. <i>Journal of Hazardous Materials</i> , 2014, 272, 66-74.	6.5	35
107	Temperature and Cyanobacterial Bloom Biomass Influence Phosphorous Cycling in Eutrophic Lake Sediments. <i>PLoS ONE</i> , 2014, 9, e93130.	1.1	48
108	Bacterial Community Composition of Size-Fractioned Aggregates within the Phycosphere of Cyanobacterial Blooms in a Eutrophic Freshwater Lake. <i>PLoS ONE</i> , 2014, 9, e102879.	1.1	132

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109	Effect of temperature on submerged macrophyte litter decomposition within sediments from a large shallow and subtropical freshwater lake. <i>Hydrobiologia</i> , 2013, 714, 131-144.	1.0	47
110	Cellulose degradation by one mesophilic strain <i>Caulobacter</i> sp. FMC1 under both aerobic and anaerobic conditions. <i>Bioresource Technology</i> , 2013, 131, 281-287.	4.8	35
111	Investigation on extracellular polymeric substances from mucilaginous cyanobacterial blooms in eutrophic freshwater lakes. <i>Chemosphere</i> , 2013, 93, 75-81.	4.2	106
112	Heterogeneity in metal binding by individual fluorescent components in a eutrophic algae-rich lake. <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 266-272.	2.9	56
113	Combination of two-dimensional correlation spectroscopy and parallel factor analysis to characterize the binding of heavy metals with DOM in lake sediments. <i>Journal of Hazardous Materials</i> , 2013, 263, 412-421.	6.5	155
114	UV-induced photochemical heterogeneity of dissolved and attached organic matter associated with cyanobacterial blooms in a eutrophic freshwater lake. <i>Water Research</i> , 2013, 47, 6506-6515.	5.3	86
115	Insights into extracellular polymeric substances of <i>Cyanobacterium Microcystis aeruginosa</i> using fractionation procedure and parallel factor analysis. <i>Water Research</i> , 2013, 47, 2005-2014.	5.3	251
116	Analysis of the Attached Microbial Community on Mucilaginous Cyanobacterial Aggregates in the Eutrophic Lake Taihu Reveals the Importance of Planctomycetes. <i>Microbial Ecology</i> , 2013, 66, 73-83.	1.4	100
117	Continuous Cellulosic Bioethanol Fermentation by Cyclic Fed-Batch Cocultivation. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1580-1589.	1.4	23
118	Various voltage productions by microbial fuel cells with sedimentary inocula taken from different sites in one freshwater lake. <i>Bioresource Technology</i> , 2012, 108, 68-75.	4.8	33
119	Enhanced degradation of phenanthrene and pyrene in freshwater sediments by combined employment of sediment microbial fuel cell and amorphous ferric hydroxide. <i>Journal of Hazardous Materials</i> , 2012, 199-200, 217-225.	6.5	150
120	Mechanisms of enhanced cellulosic bioethanol fermentation by co-cultivation of <i>Clostridium</i> and <i>Thermoanaerobacter</i> spp.. <i>Bioresource Technology</i> , 2011, 102, 9586-9592.	4.8	66
121	Effects of sediment pretreatment on the performance of sediment microbial fuel cells. <i>Bioresource Technology</i> , 2011, 102, 10465-10470.	4.8	50
122	Construction and operation of freshwater sediment microbial fuel cell for electricity generation. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 621-627.	1.7	47
123	Toxicity of Phenanthrene in Freshwater Sediments to the Rooted Submersed Macrophyte, <i>Vallisneria spiralis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 129-133.	1.3	7
124	Tolerance and remedial function of rooted submersed macrophyte <i>Vallisneria spiralis</i> to phenanthrene in freshwater sediments. <i>Ecological Engineering</i> , 2011, 37, 123-127.	1.6	30
125	Notice of Retraction: Effect of Different Carbon Resource on Enrichment of Polyphosphate Accumulating Organisms in Sediments from Lake Taihu. , 2011, , .		0
126	Properties of phenol-removal aerobic granules during normal operation and shock loading. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010, 37, 253-262.	1.4	5

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127	Removal of organic matter in freshwater sediment by microbial fuel cells at various external resistances. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1489-1493.	1.6	32
128	Characterization of Phosphorus Removal in the Rivers Inputting into Lake Taihu. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
129	ZnO-Based Amperometric Enzyme Biosensors. <i>Sensors</i> , 2010, 10, 1216-1231.	2.1	180
130	Bioaugmentation and coexistence of two functionally similar bacterial strains in aerobic granules. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 1191-1200.	1.7	32
131	Enhanced Phenol Biodegradation and Aerobic Granulation by Two Coaggregating Bacterial Strains. <i>Environmental Science & Technology</i> , 2006, 40, 6137-6142.	4.6	113
132	Physiological traits of bacterial strains isolated from phenol-degrading aerobic granules. <i>FEMS Microbiology Ecology</i> , 2006, 57, 182-191.	1.3	42
133	<i>Quadrisphaera granulorum</i> gen. nov., sp. nov., a Gram-positive polyphosphate-accumulating coccus in tetrads or aggregates isolated from aerobic granules. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1771-1777.	0.8	47
134	Rapid cultivation of stable aerobic phenol-degrading granules using acetate-fed granules as microbial seed. <i>Journal of Biotechnology</i> , 2005, 115, 387-395.	1.9	94
135	Bacterial Diversity and Function of Aerobic Granules Engineered in a Sequencing Batch Reactor for Phenol Degradation. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6767-6775.	1.4	111
136	High-Rate Biodegradation of Phenol by Aerobically Grown Microbial Granules. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 1415-1423.	0.7	51
137	Ca ²⁺ augmentation for enhancement of aerobically grown microbial granules in sludge blanket reactors. <i>Biotechnology Letters</i> , 2003, 25, 95-99.	1.1	134
138	Oxidation of ammonium in aerobic wastewater by anoxic ferric iron-dependent ammonium oxidation (Feammox) in a biofilm reactor. , 0, 173, 197-206.		18