

# Baiyu H Zhang

## List of Publications by Year in Descending Order

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

131  
papers

1,806  
citations

21  
h-index

35  
g-index

138  
ext. papers

2,525  
ext. citations

5.8  
avg, IF

5.61  
L-index

#	Paper	IF	Citations
131	Metagenomic and Metatranscriptomic Responses of Chemical Dispersant Application during a Marine Dilbit Spill.. <i>Applied and Environmental Microbiology</i> , <b>2022</b> , aem0215121	4.8	1
130	Advanced oxidation processes in microreactors for water and wastewater treatment: Development, challenges, and opportunities.. <i>Water Research</i> , <b>2022</b> , 211, 118047	12.5	6
129	Recent advancement in the development of new dispersants as oil spill treating agents. <i>Current Opinion in Chemical Engineering</i> , <b>2022</b> , 36, 100770	5.4	5
128	Investigation into the impact of aged microplastics on oil behavior in shoreline environments. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126711	12.8	7
127	Physicochemical change and microparticle release from disposable gloves in the aqueous environment impacted by accelerated weathering.. <i>Science of the Total Environment</i> , <b>2022</b> , 832, 154986	10.2	4
126	Dermal exposure to synthetic musks: Human health risk assessment, mechanism, and control strategy.. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 236, 113463	7	2
125	A pH-responsive phosphoprotein surface washing fluid for cleaning oiled shoreline: Performance evaluation, biotoxicity analysis, and molecular dynamic simulation. <i>Chemical Engineering Journal</i> , <b>2022</b> , 437, 135336	14.7	0
124	Recent Advances in Functional Materials for Wastewater Treatment: From Materials to Technological Innovations. <i>Journal of Marine Science and Engineering</i> , <b>2022</b> , 10, 534	2.4	0
123	Bioherder Generated by as a Marine Oil Spill Treating Agent.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 860458	5.7	
122	Organic Matter Decomposition in River Ecosystems: Microbial Interactions Influenced by Total Nitrogen and Temperature in River Water.. <i>Microbial Ecology</i> , <b>2022</b> , 1	4.4	1
121	Insights into toxicity of polychlorinated naphthalenes to multiple human endocrine receptors: Mechanism and health risk analysis. <i>Environment International</i> , <b>2022</b> , 165, 107291	12.9	1
120	Microplastic and oil pollution in oceans: Interactions and environmental impacts. <i>Science of the Total Environment</i> , <b>2022</b> , 838, 156142	10.2	3
119	Recent Advances in Chemical and Biological Degradation of Spilled Oil: A Review of Dispersants Application in the Marine Environment. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 129260	12.8	2
118	Microplastic-oil-dispersant agglomerates in the marine environment: Formation mechanism and impact on oil dispersion. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 426, 127825	12.8	7
117	Development of phytoremediator screening strategy and exploration of Pennisetum aided chromium phytoremediation mechanisms in soil. <i>Chemosphere</i> , <b>2021</b> , 133160	8.4	0
116	Machine learning-aided causal inference for unraveling chemical dispersant and salinity effects on crude oil biodegradation. <i>Bioresource Technology</i> , <b>2021</b> , 345, 126468	11	6
115	A green initiative for oiled sand cleanup using chitosan/rhamnolipid complex dispersion with pH-stimulus response. <i>Chemosphere</i> , <b>2021</b> , 132628	8.4	5

114	Inhalation and ingestion of Synthetic musks in pregnant women: In silico spontaneous abortion risk evaluation and control. <i>Environment International</i> , <b>2021</b> , 158, 106911	12.9	6
113	The effect of pressure variation on droplet size distribution of dispersed oil under simulated deep-water conditions. <i>Heliyon</i> , <b>2021</b> , 7, e06291	3.6	5
112	Microfluidic Based Whole-Cell Biosensors for Simultaneously On-Site Monitoring of Multiple Environmental Contaminants. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 622108	5.8	6
111	UV Stimulated Manganese Dioxide for the Persulfate Catalytic Degradation of Bisphenol A. <i>Catalysts</i> , <b>2021</b> , 11, 502	4	4
110	Multi-Scale Biosurfactant Production by <i>Bacillus subtilis</i> Using Tuna Fish Waste as Substrate. <i>Catalysts</i> , <b>2021</b> , 11, 456	4	11
109	An emergency response system by dynamic simulation and enhanced particle swarm optimization and application for a marine oil spill accident. <i>Journal of Cleaner Production</i> , <b>2021</b> , 297, 126591	10.3	6
108	3D-QSAR-aided toxicity assessment of synthetic musks and their transformation by-products. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 57530-57542	5.1	1
107	Trophic transfer potential of nTiO, nZnO, and triclosan in an algae-algae eating fish food chain. <i>Aquatic Toxicology</i> , <b>2021</b> , 235, 105824	5.1	7
106	Photocatalytic ozonation of offshore produced water by TiO nanotube arrays coupled with UV-LED irradiation. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 402, 123456	12.8	25
105	Sulfate removal using colloid-enhanced ultrafiltration: performance evaluation and adsorption studies. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 5609-5624	5.1	5
104	Interactions between microplastics and oil dispersion in the marine environment. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123944	12.8	19
103	Review of aquatic toxicity of pharmaceuticals and personal care products to algae. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 410, 124619	12.8	18
102	Occurrence and biodegradation of hydrocarbons at high salinities. <i>Science of the Total Environment</i> , <b>2021</b> , 762, 143165	10.2	7
101	Space-time variations of sea ice in Bohai Sea in the winter of 2009-2010 simulated with a coupled ocean and ice model. <i>Journal of Oceanography</i> , <b>2021</b> , 77, 243-258	1.9	3
100	Donor/acceptor substituted dithiafulvenes and tetrathiafulvalene vinyllogues: electronic absorption, crystallographic, and computational analyses. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 11918-11926	3.6	2
99	An improved calibration and uncertainty analysis approach using a multicriteria sequential algorithm for hydrological modeling. <i>Scientific Reports</i> , <b>2021</b> , 11, 16954	4.9	1
98	Dispersants as marine oil spill treating agents: a review on mesoscale tests and field trials. <i>Environmental Systems Research</i> , <b>2021</b> , 10,	4.3	13
97	Removal of hydrocarbons from heterogenous soil using electrokinetics and surfactants. <i>Environmental Challenges</i> , <b>2021</b> , 4, 100071	2.6	1

96	Biosurfactant production by native marine bacteria ( <i>Acinetobacter calcoaceticus</i> P1-1A) using waste carbon sources: Impact of process conditions. <i>Canadian Journal of Chemical Engineering</i> , <b>2021</b> , 99, 2386	2.3	3
95	Functional modification of HHCB: Strategy for obtaining environmentally friendly derivatives. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 126116	12.8	4
94	A cross-comparison of biosurfactants as marine oil spill dispersants: Governing factors, synergetic effects and fates. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 126122	12.8	13
93	Disposable masks release microplastics to the aqueous environment with exacerbation by natural weathering. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 417, 126036	12.8	74
92	Machine Learning-Aided Causal Inference Framework for Environmental Data Analysis: A COVID-19 Case Study. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 13400-13410	10.3	2
91	Access-dispersion-recovery strategy for enhanced mitigation of heavy crude oil pollution using magnetic nanoparticles decorated bacteria. <i>Bioresource Technology</i> , <b>2021</b> , 337, 125404	11	7
90	A data-driven binary-classification framework for oil fingerprinting analysis. <i>Environmental Research</i> , <b>2021</b> , 201, 111454	7.9	3
89	A critical review on the environmental application of lipopeptide micelles. <i>Bioresource Technology</i> , <b>2021</b> , 339, 125602	11	9
88	Exploring the use of alginate hydrogel coating as a new initiative for emergent shoreline oiling prevention. <i>Science of the Total Environment</i> , <b>2021</b> , 797, 149234	10.2	3
87	Antibiotics in mariculture organisms of different growth stages: Tissue-specific bioaccumulation and influencing factors. <i>Environmental Pollution</i> , <b>2021</b> , 288, 117715	9.3	7
86	Formation of oil-particle aggregates: Impacts of mixing energy and duration. <i>Science of the Total Environment</i> , <b>2021</b> , 795, 148781	10.2	7
85	System Control and Optimization in Wastewater Treatment: A Particle Swarm Optimization (PSO) Approach <b>2021</b> , 393-407		
84	Impact of Microplastics on Oil Dispersion Efficiency in the Marine Environment. <i>Sustainability</i> , <b>2021</b> , 13, 13752	3.6	4
83	Impacts of Frazil Ice on the Effectiveness of Oil Dispersion and Migration of Dispersed Oil.. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	2
82	Enhanced Gas Chromatography-Mass Spectrometry (GC-MS)-Based Analysis of Metformin and Guanylurea in Water Samples. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	0
81	Integration of Fuzzy Matter-Element Method and 3D-QSAR Model for Generation of Environmentally Friendly Quinolone Derivatives. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	2
80	Micellar-Enhanced Ultrafiltration to Remove Nickel Ions: A Response Surface Method and Artificial Neural Network Optimization. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1269	3	4
79	An integrated offshore oil spill response decision making approach by human factor analysis and fuzzy preference evaluation. <i>Environmental Pollution</i> , <b>2020</b> , 262, 114294	9.3	11

78	Digital PCR as an Emerging Tool for Monitoring of Microbial Biodegradation. <i>Molecules</i> , <b>2020</b> , 25,	4.8	13
77	Microbial eco-physiological strategies for salinity-mediated crude oil biodegradation. <i>Science of the Total Environment</i> , <b>2020</b> , 727, 138723	10.2	31
76	Fish Waste Based Lipopeptide Production and the Potential Application as a Bio-Dispersant for Oil Spill Control. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 734	5.8	32
75	Kinetic modeling of biosurfactant production by <i>Bacillus subtilis</i> N3-1P using brewery waste. <i>Chemical Product and Process Modeling</i> , <b>2020</b> ,	1.1	4
74	Towards sulfide removal and sulfate reducing bacteria inhibition: Function of biosurfactants produced by indigenous isolated nitrate reducing bacteria. <i>Chemosphere</i> , <b>2020</b> , 238, 124655	8.4	17
73	Differentiation of weathered chemically dispersed oil from weathered crude oil. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 270	3.1	4
72	Microbial degradation of four dispersed crude oils by <i>Rhodococcus</i> sp. evaluated using carbon stable isotope analysis. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2019</b> , 94, 1800-1807	3.5	6
71	Optimization of biosurfactant production by N3-1P using the brewery waste as the carbon source. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 3371-3380	2.6	28
70	Fly ash based robust biocatalyst generation: a sustainable strategy towards enhanced green biosurfactant production and waste utilization.. <i>RSC Advances</i> , <b>2019</b> , 9, 20216-20225	3.7	8
69	Adsorption Behavior of Cobalt onto Saline Soil with/without a Biosurfactant: Kinetic and Isotherm Studies. <i>Water, Air, and Soil Pollution</i> , <b>2019</b> , 230, 1	2.6	5
68	Oil-in-water emulsion breaking marine bacteria for demulsifying oily wastewater. <i>Water Research</i> , <b>2019</b> , 149, 292-301	12.5	49
67	Multi-agent hybrid particle swarm optimization (MAHPSO) for wastewater treatment network planning. <i>Journal of Environmental Management</i> , <b>2019</b> , 234, 525-536	7.9	14
66	Marine Oil SpillsOil Pollution, Sources and Effects <b>2019</b> , 391-406		26
65	Marine Oil SpillsPreparedness and Countermeasures <b>2019</b> , 407-426		12
64	A design of experiment aided stochastic parameterization method for modeling aquifer NAPL contamination. <i>Environmental Modelling and Software</i> , <b>2018</b> , 101, 183-193	5.2	5
63	Parameterization Study for Modeling Biosurfactant-Enhanced Aquifer Remediation Processes Based on Flow Cell Experiments. <i>Journal of Environmental Engineering, ASCE</i> , <b>2018</b> , 144, 04017096	2	1
62	Ozonation of offshore produced water: kinetic study and fuzzy inference system modeling. <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 132	3.1	7
61	Generation of shrimp waste-based dispersant for oil spill response. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 9443-9453	5.1	5

60	Modeling marine oily wastewater treatment by a probabilistic agent-based approach. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 127, 217-224	6.7	7
59	Biosurfactant enhanced soil bioremediation of petroleum hydrocarbons: Design of experiments (DOE) based system optimization and phospholipid fatty acid (PLFA) based microbial community analysis. <i>International Biodeterioration and Biodegradation</i> , <b>2018</b> , 132, 216-225	4.8	21
58	Isolation of nitrate-reducing bacteria from an offshore reservoir and the associated biosurfactant production.. <i>RSC Advances</i> , <b>2018</b> , 8, 26596-26609	3.7	7
57	Aliphatic and aromatic biomarkers for fingerprinting of weathered chemically dispersed oil. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 15702-15714	5.1	7
56	The removal of COD and NH-N from atrazine production wastewater treatment using UV/O: experimental investigation and kinetic modeling. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 2691-2701	5.1	9
55	Brominated Flame Retardants, Microplastics, and Biocides in the Marine Environment: Recent Updates of Occurrence, Analysis, and Impacts. <i>Advances in Marine Biology</i> , <b>2018</b> , 81, 167-211	2.1	10
54	Occurrence, Impact, Analysis and Treatment of Metformin and Guanylurea in Coastal Aquatic Environments of Canada, USA and Europe. <i>Advances in Marine Biology</i> , <b>2018</b> , 81, 23-58	2.1	6
53	Microbial degradation of four crude oil by biosurfactant producing strain <i>Rhodococcus</i> sp. <i>Bioresource Technology</i> , <b>2017</b> , 232, 263-269	11	43
52	Evaluation of state and evolution of marine fish waste composting by enzyme activities. <i>Canadian Journal of Civil Engineering</i> , <b>2017</b> , 44, 348-357	1.3	6
51	Removal of Heavy Metals from Mining Wastewater by Micellar-Enhanced Ultrafiltration (MEUF): Experimental Investigation and Monte Carlo-Based Artificial Neural Network Modeling. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	16
50	Wastewater Treatment Plant Network Design Using a Multiscale Two-Stage Mixed Integer Stochastic Model. <i>Environmental Engineering Science</i> , <b>2017</b> , 34, 861-871	2	6
49	A novel bioemulsifier produced by <i>Exiguobacterium</i> sp. strain N4-1P isolated from petroleum hydrocarbon contaminated coastal sediment. <i>RSC Advances</i> , <b>2017</b> , 7, 42699-42708	3.7	16
48	Oily Wastewater Treatment by Nano-TiO <sub>2</sub> -Induced Photocatalysis: Seeking more efficient and feasible solutions.. <i>IEEE Nanotechnology Magazine</i> , <b>2017</b> , 11, 4-15	1.7	13
47	Pilot-scale treatment of atrazine production wastewater by UV/O/ultrasound: Factor effects and system optimization. <i>Journal of Environmental Management</i> , <b>2017</b> , 203, 182-190	7.9	31
46	Complete Genome Sequence of sp. Strain N4-1P, a Psychrophilic Bioemulsifier Producer Isolated from a Cold Marine Environment in North Atlantic Canada. <i>Genome Announcements</i> , <b>2017</b> , 5,		10
45	Phospholipid fatty acid (PLFA) analysis for profiling microbial communities in offshore produced water. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 122, 194-206	6.7	9
44	Profiling of Sulfate-Reducing Bacteria in an Offshore Oil Reservoir Using Phospholipid Fatty Acid (PLFA) Biomarkers. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	3
43	Biosurfactant Production by Marine-Originated Bacteria <i>Bacillus Subtilis</i> and Its Application for Crude Oil Removal. <i>Water, Air, and Soil Pollution</i> , <b>2016</b> , 227, 1	2.6	23

42	Design of experiment (DOE) based screening of factors affecting municipal solid waste (MSW) composting. <i>Waste Management</i> , <b>2016</b> , 58, 107-117	8.6	18
41	Modeling and optimization of Newfoundland shrimp waste hydrolysis for microbial growth using response surface methodology and artificial neural networks. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 109, 245-252	6.7	11
40	Offshore produced water management: A review of current practice and challenges in harsh/Arctic environments. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 104, 7-19	6.7	74
39	Integrated Nanozero Valent Iron and Biosurfactant-Aided Remediation of PCB-Contaminated Soil. <i>Applied and Environmental Soil Science</i> , <b>2016</b> , 2016, 1-11	3.8	7
38	Offshore oil spill response practices and emerging challenges. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 110, 6-27	6.7	133
37	Removal of naphthalene from offshore produced water through immobilized nano-TiO <sub>2</sub> aided photo-oxidation. <i>Water Quality Research Journal of Canada</i> , <b>2016</b> , 51, 246-255	1.7	11
36	Biosurfactant produced by a <i>Rhodococcus erythropolis</i> mutant as an oil spill response agent. <i>Water Quality Research Journal of Canada</i> , <b>2016</b> , 51, 97-105	1.7	17
35	Photocatalytic Degradation of Polycyclic Aromatic Hydrocarbons in Offshore Produced Water: Effects of Water Matrix. <i>Journal of Environmental Engineering, ASCE</i> , <b>2016</b> , 142, 04016054	2	19
34	Use of Sesquiterpanes, Steranes, and Terpanes for Forensic Fingerprinting of Chemically Dispersed Oil. <i>Water, Air, and Soil Pollution</i> , <b>2016</b> , 227, 1	2.6	8
33	Vortex- and Shaker-Assisted Liquid-Liquid Microextraction (VSA-LLME) Coupled with Gas Chromatography and Mass Spectrometry (GC-MS) for Analysis of 16 Polycyclic Aromatic Hydrocarbons (PAHs) in Offshore Produced Water. <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	19
32	Adsorption Behavior of Tween 80 on Soil in the Presence of CdCl <sub>2</sub> and DDT. <i>Soil and Sediment Contamination</i> , <b>2015</b> , 24, 276-289	3.2	5
31	Screening of biosurfactant-producing bacteria from offshore oil and gas platforms in North Atlantic Canada. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 284	3.1	16
30	Process simulation and dynamic control for marine oily wastewater treatment using UV irradiation. <i>Water Research</i> , <b>2015</b> , 81, 101-12	12.5	38
29	Monte Carlo simulation-based dynamic mixed integer nonlinear programming for supporting oil recovery and devices allocation during offshore oil spill responses. <i>Ocean and Coastal Management</i> , <b>2014</b> , 89, 58-70	3.9	18
28	Study of weathering effects on the distribution of aromatic steroid hydrocarbons in crude oils and oil residues. <i>Environmental Sciences: Processes and Impacts</i> , <b>2014</b> , 16, 2408-14	4.3	7
27	Screening of biosurfactant producers from petroleum hydrocarbon contaminated sources in cold marine environments. <i>Marine Pollution Bulletin</i> , <b>2014</b> , 86, 402-410	6.7	76
26	Performance of locally available bulking agents in Newfoundland and Labrador during bench-scale municipal solid waste composting. <i>Environmental Systems Research</i> , <b>2014</b> , 3,	4.3	5
25	Modeling of UV-Induced Photodegradation of Naphthalene in Marine Oily Wastewater by Artificial Neural Networks. <i>Water, Air, and Soil Pollution</i> , <b>2014</b> , 225, 1	2.6	25

24	Naphthalene degradation in seawater by UV irradiation: the effects of fluence rate, salinity, temperature and initial concentration. <i>Marine Pollution Bulletin</i> , <b>2014</b> , 81, 149-56	6.7	43
23	Fingerprint and weathering characteristics of crude oils after Dalian oil spill, China. <i>Marine Pollution Bulletin</i> , <b>2013</b> , 71, 64-8	6.7	42
22	A hybrid fuzzy stochastic analytical hierarchy process (FSAHP) approach for evaluating ballast water treatment technologies. <i>Environmental Systems Research</i> , <b>2013</b> , 2, 10	4.3	18
21	Monte Carlo Simulation Aided Analytic Hierarchy Process Approach: Case Study of Assessing Preferred Non-Point-Source Pollution Control Best Management Practices. <i>Journal of Environmental Engineering, ASCE</i> , <b>2013</b> , 139, 618-626	2	19
20	A Hybrid Stochastic-Interval Analytic Hierarchy Process Approach for Prioritizing the Strategies of Reusing Treated Wastewater. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-10	1.1	12
19	Wetland Degradation and Ecological Restoration. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 1-2	2.2	8
18	A review of ballast water management practices and challenges in harsh and arctic environments. <i>Environmental Reviews</i> , <b>2012</b> , 20, 83-108	4.5	35
17	Investigation and Modelling of Subarctic Wetland Hydrology - A Case Study in the Deer River Watershed, Canada <b>2012</b> , 56-82		
16	Wetland Monitoring, Characterization and Modelling under Changing Climate in the Canadian Subarctic. <i>Journal of Environmental Informatics</i> , <b>2011</b> , 18, 55-64	3	11
15	Modeling Biosurfactant-Enhanced Bioremediation Processes for Petroleum-Contaminated Sites. <i>Petroleum Science and Technology</i> , <b>2010</b> , 28, 1211-1221	1.4	5
14	A comparison study on distributed hydrological modelling of a subarctic wetland system. <i>Procedia Environmental Sciences</i> , <b>2010</b> , 2, 1043-1049		3
13	Phytoremediation in Engineered Wetlands: Mechanisms and Applications. <i>Procedia Environmental Sciences</i> , <b>2010</b> , 2, 1315-1325		91
12	CCEM: A City-cluster Energy Systems Planning Model. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2009</b> , 31, 273-286	1.6	11
11	An interval-parameter waste-load-allocation model for river water quality management under uncertainty. <i>Environmental Management</i> , <b>2009</b> , 43, 999-1012	3.1	62
10	Adsorption of Cu and Zn onto Mn/Fe Oxides and Organic Materials in the Extractable Fractions of River Surficial Sediments. <i>Soil and Sediment Contamination</i> , <b>2009</b> , 18, 87-101	3.2	22
9	IFMEP: an interval fuzzy multiobjective environmental planning model for urban systems. <i>Civil Engineering and Environmental Systems</i> , <b>2008</b> , 25, 99-125	2.1	12
8	Enhanced Bioremediation of Petroleum Contaminated Soils through Cold-adapted Bacteria. <i>Petroleum Science and Technology</i> , <b>2008</b> , 26, 955-971	1.4	4
7	Scavenging of Cd through Fe/Mn oxides within natural surface coatings. <i>Journal of Environmental Sciences</i> , <b>2006</b> , 18, 1199-203	6.4	6



6	Pesticide-loss Simulation and Health Risk Assessment during the Flood Season in Watershed Systems. <i>Water International</i> , <b>2005</b> , 30, 88-98	2.4	7
5	Modelling of Atrazine Loss in Surface Runoff from Agricultural Watershed. <i>Water Quality Research Journal of Canada</i> , <b>2003</b> , 38, 585-606	1.7	10
4	Relationship between Pb/Cd adsorption and metal oxides on surface coatings at different depths in Lake Jingyuetan. <i>Hydrobiologia</i> , <b>2003</b> , 494, 31-35	2.4	2
3	Selective chemical extraction and separation of Mn, Fe oxides and organic material in natural surface coatings: application to the study of trace metal adsorption mechanism in aquatic environments. <i>Microchemical Journal</i> , <b>2001</b> , 69, 89-94	4.8	16
2	Ecological Impact Analysis of Dispersants and Dispersed Oil: An Overview. <i>Journal of Environmental Informatics Letters</i> ,	1.8	2
1	Progress of optical biosensors for analyzing pathogens and organic pollutants in water since 2015. <i>Environmental Reviews</i> ,1-18	4.5	1