

Michihiko Ike

List of Publications by Year in descending order

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162
papers

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87888

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163
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163
times ranked

3818
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependence of sequential chlorinated ethenes dechlorination and the dynamics of dechlorinating microorganisms. <i>Chemosphere</i> , 2022, 287, 131989.	8.2	13
2	Growth Promotion of Giant Duckweed <i>Spirodela polyrhiza</i> (Lemnaceae) by <i>Ensifer</i> sp. SP4 Through Enhancement of Nitrogen Metabolism and Photosynthesis. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 28-38.	2.6	12
3	Microalgal transformation of food processing byproducts into functional food ingredients. <i>Bioresource Technology</i> , 2022, 344, 126324.	9.6	6
4	Draft Genome Sequence of Bryobacteraceae Strain F-183. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045321.	0.6	1
5	Genome-wide identification of bacterial colonization and fitness determinants on the floating macrophyte, duckweed. <i>Communications Biology</i> , 2022, 5, 68.	4.4	10
6	Complete Genome Sequence of <i>Luteitalea</i> sp. Strain TBR-22. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045521.	0.6	1
7	Methods for selenium removal from contaminated waters: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 2019-2041.	16.2	14
8	Whole structures, core taxa, and functional properties of duckweed microbiomes. <i>Bioresource Technology Reports</i> , 2022, 18, 101060.	2.7	9
9	Universality of Gluconate as a Hydrogen Donor for Reductive Dechlorination of Chloroethenes. <i>Journal of Japan Society on Water Environment</i> , 2021, 44, 69-77.	0.4	0
10	Potential for Enhanced Degradation and Removal of Various Bisphenols by Interaction between Common Reed (<i>Phragmites australis</i>) and Microorganisms. <i>Journal of Water and Environment Technology</i> , 2021, 19, 13-23.	0.7	3
11	Factors affecting antimonate bioreduction by <i>Dechloromonas</i> sp. AR-2 and <i>Propionivibrio</i> sp. AR-3. <i>3 Biotech</i> , 2021, 11, 163.	2.2	7
12	Microbial antimonate reduction and removal potentials in river sediments. <i>Chemosphere</i> , 2021, 266, 129192.	8.2	11
13	Novel Plant-Associated Acidobacteria Promotes Growth of Common Floating Aquatic Plants, Duckweeds. <i>Microorganisms</i> , 2021, 9, 1133.	3.6	26
14	Coordination of leaf economics traits within the family of the world's fastest growing plants (Lemnaceae). <i>Journal of Ecology</i> , 2021, 109, 2950-2962.	4.0	6
15	Treatment of 1,4-dioxane-containing water using carriers immobilized with indigenous microorganisms in landfill leachate treatment sludge: A laboratory-scale reactor study. <i>Journal of Hazardous Materials</i> , 2021, 414, 125497.	12.4	16
16	Isolation and Characterization of <i>Euglena gracilis</i> -Associated Bacteria, <i>Enterobacter</i> sp. CA3 and <i>Emticicia</i> sp. CN5, Capable of Promoting the Growth and Paramylon Production of <i>E. gracilis</i> under Mixotrophic Cultivation. <i>Microorganisms</i> , 2021, 9, 1496.	3.6	4
17	Effects of selection and compiling strategy of substrates in column-type vertical-flow constructed wetlands on the treatment of synthetic landfill leachate containing bisphenol A. <i>Water Science and Technology</i> , 2021, 84, 1428-1437.	2.5	2
18	Optimization of aerobic dynamic discharge process for very rapid enrichment of polyhydroxyalkanoates-accumulating bacteria from activated sludge. <i>Bioresource Technology</i> , 2021, 336, 125314.	9.6	9

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19	Effect of nitrogen, phosphorus, and sulfur on the start-up of a biological 1,4-dioxane removal process using <i>Pseudonocardia</i> sp. D17. <i>Biochemical Engineering Journal</i> , 2021, 176, 108179.	3.6	2
20	Technologies to Remove Selenium from Water and Wastewater. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 207-304.	0.5	11
21	Carbon sources that enable enrichment of 1,4-dioxane-degrading bacteria in landfill leachate. <i>Biodegradation</i> , 2020, 31, 23-34.	3.0	15
22	Enhanced biomass production and nutrient removal capacity of duckweed via two-step cultivation process with a plant growth-promoting bacterium, <i>Acinetobacter calcoaceticus</i> P23. <i>Chemosphere</i> , 2020, 238, 124682.	8.2	33
23	Stimulatory and inhibitory effects of metals on 1,4-dioxane degradation by four different 1,4-dioxane-degrading bacteria. <i>Chemosphere</i> , 2020, 238, 124606.	8.2	12
24	Isolation and Characterization of Facultative-Anaerobic Antimonate-Reducing Bacteria. <i>Microorganisms</i> , 2020, 8, 1435.	3.6	12
25	Community dynamics of duckweed-associated bacteria upon inoculation of plant growth-promoting bacteria. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	22
26	Occurrence and distribution of estrogenic chemicals in river waters of Malaysia. <i>Toxicology and Environmental Health Sciences</i> , 2020, 12, 65-74.	2.1	20
27	Draft Genome Sequence of <i>Rhodococcus aetherivorans</i> JCM 14343 ^T , a Bacterium Capable of Degrading Recalcitrant Noncyclic and Cyclic Ethers. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
28	Development and Characterization of a Chloroethenes-Dechlorinating Consortium Using Gluconate as a Hydrogen Donor. <i>Journal of Water and Environment Technology</i> , 2020, 18, 212-225.	0.7	3
29	Nitrogen Removal by Simultaneous Anammox and Denitrification under Low Temperature: Preliminary Batch Trials. <i>Japanese Journal of Water Treatment Biology</i> , 2020, 56, 91-97.	0.1	0
30	Community Composition and Carbon Utilization Profiles of Yodo River Microbes in Brackish and Freshwater Sediments. <i>Japanese Journal of Water Treatment Biology</i> , 2020, 56, 17-26.	0.1	0
31	Synthetic Bacterial Community of Duckweed: A Simple and Stable System to Study Plant-microbe Interactions. <i>Microbes and Environments</i> , 2020, 35, n/a.	1.6	9
32	Biological removal of selenate in saline wastewater by activated sludge under alternating anoxic/oxic conditions. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	6.0	13
33	Rapid enrichment of polyhydroxyalkanoate-accumulating bacteria by the aerobic dynamic discharge process: Enrichment effectiveness, polyhydroxyalkanoate accumulation ability, and bacterial community characteristics in comparison with the aerobic dynamic feeding process. <i>Bioresource Technology Reports</i> , 2019, 7, 100276.	2.7	4
34	Biosynthesis of bismuth selenide nanoparticles using chalcogen-metabolizing bacteria. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8853-8861.	3.6	6
35	Nitrogen-Cycling Functional Genes in Brackish and Freshwater Sediments in Yodo River in Japan. <i>Journal of Water and Environment Technology</i> , 2019, 17, 109-116.	0.7	7
36	Performance of plant growth-promoting bacterium of duckweed under different kinds of abiotic stress factors. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101146.	3.1	12

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37	Biological treatment of selenate-containing saline wastewater by activated sludge under oxygen-limiting conditions. <i>Water Research</i> , 2019, 154, 327-335.	11.3	43
38	Potential of waste activated sludge to accumulate polyhydroxyalkanoates and glycogen using industrial wastewater/liquid wastes as substrates. <i>Water Science and Technology</i> , 2019, 80, 2373-2380.	2.5	4
39	Colonization and Competition Dynamics of Plant Growth-Promoting/Inhibiting Bacteria in the Phytosphere of the Duckweed <i>Lemna minor</i> . <i>Microbial Ecology</i> , 2019, 77, 440-450.	2.8	29
40	Removal of selenite from artificial wastewater with high salinity by activated sludge in aerobic sequencing batch reactors. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 618-624.	2.2	15
41	Issues on Existing Treatment Technologies and Possibility of Biological Treatment Technologies for 1,4-Dioxane-containing Industrial Wastewater. <i>Japanese Journal of Water Treatment Biology</i> , 2019, 55, 1-13.	0.1	0
42	Microbial Communities on the Submerged Membranes in Full-Scale Membrane Bioreactors Treating Municipal Wastewater. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, 04017084.	1.4	8
43	Characterization of moderately halotolerant selenate- and tellurite-reducing bacteria isolated from brackish areas in Osaka. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 173-181.	1.3	19
44	Characterization of newly isolated <i>Pseudonocardia</i> sp. N23 with high 1,4-dioxane-degrading ability. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 552-558.	2.2	42
45	1,4-Dioxane degradation characteristics of <i>Rhodococcus aetherivorans</i> JCM 14343. <i>Biodegradation</i> , 2018, 29, 301-310.	3.0	50
46	Cake layer bacterial communities during different biofouling stages in full-scale membrane bioreactors. <i>Bioresource Technology</i> , 2018, 259, 259-267.	9.6	33
47	Effect of extracellular electron shuttles on arsenic-mobilizing activities in soil microbial communities. <i>Journal of Hazardous Materials</i> , 2018, 342, 571-578.	12.4	56
48	Field Test of On-Site Treatment of 1,4-Dioxane-Contaminated Groundwater Using <i>Pseudonocardia</i> sp. D17. <i>Journal of Water and Environment Technology</i> , 2018, 16, 256-268.	0.7	11
49	Biomass Production and Nutrient Removal through Cultivation of <i>Euglena gracilis</i> in Domestic Wastewater. <i>Japanese Journal of Water Treatment Biology</i> , 2018, 54, 105-113.	0.1	4
50	Complete Genome Sequences of Two Plant Growth-Inhibiting Bacteria, <i>Acinetobacter ursingii</i> M3 and <i>Asticcacaulis excentricus</i> M6, Isolated from Duckweed (<i>Lemna minor</i>). <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	4
51	Historical Trends of Academic Research on the Water Environment in Japan: Evidence from the Academic Literature in the Past 50 Years. <i>Water (Switzerland)</i> , 2018, 10, 1456.	2.7	1
52	Bioaugmenting a Lab-Scale Membrane Bioreactor with 4- <i>tert</i> -butylphenol-degrading Bacterium, <i>Sphingobium fuliginis</i> OMI. <i>Japanese Journal of Water Treatment Biology</i> , 2018, 54, 1-12.	0.1	0
53	Temperature dependence of nitrogen removal activity by anammox bacteria enriched at low temperatures. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 505-511.	2.2	46
54	Removal of heavy metals from synthetic landfill leachate in lab-scale vertical flow constructed wetlands. <i>Science of the Total Environment</i> , 2017, 584-585, 742-750.	8.0	51

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55	Removal of phenol, bisphenol A, and 4-tert-butylphenol from synthetic landfill leachate by vertical flow constructed wetlands. <i>Science of the Total Environment</i> , 2017, 578, 566-576.	8.0	67
56	Draft Genome Sequence of <i>Aquitalea magnusonii</i> Strain H3, a Plant Growth-Promoting Bacterium of Duckweed (<i>Lemna minor</i>). <i>Genome Announcements</i> , 2017, 5, .	0.8	9
57	Differential oxidative and antioxidative response of duckweed <i>Lemna minor</i> toward plant growth promoting/inhibiting bacteria. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 667-673.	5.8	27
58	Draft Genome Sequence of <i>Sphingobium fuliginis</i> OMI, a Bacterium That Degrades Alkylphenols and Bisphenols. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
59	Evaluation of environmental bacterial communities as a factor affecting the growth of duckweed <i>Lemna minor</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 62.	6.2	64
60	Draft Genome Sequence of <i>Pseudonocardia</i> sp. Strain N23, a 1,4-Dioxane-Degrading Bacterium. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
61	Model-based Evaluation of Effects of Temperature on Nitrogen Removal in Low- and Moderate-temperature Type Anammox Reactors. <i>Japanese Journal of Water Treatment Biology</i> , 2017, 53, 69-79.	0.1	0
62	Bioprocess Approaches for the Removal of Selenium from Industrial Waste and Wastewater by <i>Pseudomonas stutzeri</i> NT-I. , 2017, , 57-73.		2
63	Startup of Lab-scale Anammox Reactors Seeded with Activated Sludge at Ambient Temperature. <i>Japanese Journal of Water Treatment Biology</i> , 2016, 52, 73-83.	0.1	3
64	Characterization of the genes involved in nitrogen cycling in wastewater treatment plants using DNA microarray and most probable number-PCR. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 1.	6.0	13
65	Kinetics of bisphenol A degradation by <i>Sphingomonas paucimobilis</i> FJ-4. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 341-344.	2.2	14
66	Degradation of <i>sec</i> -hexylbenzene and its metabolites by a biofilm-forming yeast <i>Trichosporon asahii</i> B1 isolated from oil-contaminated sediments in Quangninh coastal zone, Vietnam. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 267-275.	1.7	6
67	High methane production potential of activated sludge accumulating polyhydroxyalkanoates in anaerobic digestion. <i>Biochemical Engineering Journal</i> , 2016, 114, 283-287.	3.6	14
68	Detection of retinoic acid receptor antagonist contamination in the aquatic environment of the Kinki region of Japan. <i>Water Research</i> , 2016, 103, 58-65.	11.3	7
69	1,4-Dioxane degradation potential of members of the genera <i>Pseudonocardia</i> and <i>Rhodococcus</i> . <i>Biodegradation</i> , 2016, 27, 277-286.	3.0	67
70	Biological 1,4-Dioxane Wastewater Treatment by Immobilized <i>Pseudonocardia</i> sp. D17 on Lower 1,4-Dioxane Concentration. <i>Journal of Water and Environment Technology</i> , 2016, 14, 289-301.	0.7	15
71	Changes in bacterial community structure in a full-scale membrane bioreactor for municipal wastewater treatment. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 97-104.	2.2	6
72	Pilot test of biological removal of 1,4-dioxane from a chemical factory wastewater by gel carrier entrapping <i>Afipia</i> sp. strain D1. <i>Journal of Hazardous Materials</i> , 2016, 304, 251-258.	12.4	29

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73	Biological wastewater treatment of 1,4-dioxane using polyethylene glycol gel carriers entrapping <i>Afipia</i> sp. D1. <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 203-208.	2.2	29
74	Effects of planting <i>Phragmites australis</i> on nitrogen removal, microbial nitrogen cycling, and abundance of ammonia-oxidizing and denitrifying microorganisms in sediments. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 478-485.	2.2	27
75	Energy Content of Organics in Municipal Wastewater Treatment Streams at Tsumori Wastewater Treatment Plant. <i>Journal of Water and Environment Technology</i> , 2015, 13, 89-97.	0.7	8
76	Effects of External Organics on Growth and Turion Formation of Rootless Duckweed <i>Wolffia arrhiza</i> . <i>Japanese Journal of Water Treatment Biology</i> , 2015, 51, 29-35.	0.1	0
77	Degradation Pathway of Bisphenol S by <i>Sphingobium fuliginis</i> OMI and Removal Properties of Metabolites by Activated Sludge. <i>Journal of Japan Society on Water Environment</i> , 2015, 38, 139-147.	0.4	3
78	Effects of the C/N ratio and bacterial populations on nitrogen removal in the simultaneous anammox and heterotrophic denitrification process: Mathematic modeling and batch experiments. <i>Chemical Engineering Journal</i> , 2015, 280, 606-613.	12.7	47
79	Draft Genome Sequence of <i>Bacillus selenatarsenatis</i> SF-1 T, a Promising Agent for Bioremediation of Environments Contaminated with Selenium and Arsenic. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
80	Duckweed biomass as a renewable biorefinery feedstock: Ethanol and succinate production from <i>Wolffia globosa</i> . <i>Biomass and Bioenergy</i> , 2015, 81, 364-368.	5.7	38
81	Effects of culture conditions of <i>Pseudomonas aeruginosa</i> strain RB on the synthesis of CdSe nanoparticles. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 440-445.	2.2	27
82	Effects of Gel-immobilization Conditions of 1,4-dioxane-degradating Bacterium, <i>Pseudonocardia</i> sp. strain D17, and Storage on the Treatment Performance. <i>Japanese Journal of Water Treatment Biology</i> , 2015, 51, 83-93.	0.1	1
83	Characterization of Microbial Community in Membrane Bioreactors Treating Domestic Wastewater. <i>Journal of Water and Environment Technology</i> , 2014, 12, 99-107.	0.7	4
84	Development of a whole community genome amplification-assisted DNA microarray method to detect functional genes involved in the nitrogen cycle. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2907-2915.	3.6	3
85	Draft Genome Sequence of <i>Pseudomonas aeruginosa</i> Strain RB, a Bacterium Capable of Synthesizing Cadmium Selenide Nanoparticles. <i>Genome Announcements</i> , 2014, 2, .	0.8	3
86	Bacterial community dynamics in a full-scale municipal wastewater treatment plant employing conventional activated sludge process. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 64-71.	2.2	44
87	Isolation of a selenite-reducing and cadmium-resistant bacterium <i>Pseudomonas</i> sp. strain RB for microbial synthesis of CdSe nanoparticles. <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 576-581.	2.2	50
88	Simultaneous anammox and denitrification (SAD) process in sequencing batch reactors. <i>Bioresource Technology</i> , 2014, 174, 159-166.	9.6	67
89	Ethanol Production from Vegetative Fronds and Turions of <i>Wolffia arrhiza</i> . <i>Japanese Journal of Water Treatment Biology</i> , 2014, 50, 133-140.	0.1	6
90	Possibility of Simultaneous Anammox and Denitrification as an Advanced Nitrogen Removal Process. <i>Journal of Environmental Conservation Engineering</i> , 2014, 43, 293-300.	0.1	1

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91	Selenium Removal from Sewage Sludge Ash by Chemical Extraction and Microbial Reduction. Journal of Environmental Conservation Engineering, 2014, 43, 96-101.	0.1	3
92	Volume Reduction of Radiocesium-Contaminated Soil by Air-Lift Washing Process:. Journal of Environmental Conservation Engineering, 2014, 43, 729-738.	0.1	0
93	Isolation and characterization of bacterial strains that have high ability to degrade 1,4-dioxane as a sole carbon and energy source. Biodegradation, 2013, 24, 665-674.	3.0	87
94	Effective selenium volatilization under aerobic conditions and recovery from the aqueous phase by <i>Pseudomonas stutzeri</i> NT-1. Water Research, 2013, 47, 1361-1368.	11.3	79
95	Kinetics of nutrient removal and biomass production by duckweed <i>Wolffia arrhiza</i> in continuous-flow mesocosms. Ecological Engineering, 2013, 57, 210-215.	3.6	19
96	Occurrence of 4-tert-butylphenol (4-t-BP) biodegradation in an aquatic sample caused by the presence of <i>Spirodela polyrrhiza</i> and isolation of a 4-t-BP-utilizing bacterium. Biodegradation, 2013, 24, 191-202.	3.0	49
97	The 4-tert-Butylphenol-Utilizing Bacterium <i>Sphingobium fuliginis</i> OMI Can Degrade Bisphenols via Phenolic Ring Hydroxylation and Meta-Cleavage Pathway. Environmental Science & Technology, 2013, 47, 1017-1023.	10.0	50
98	Isolation and Characterization of Tetrahydrofuran- Degrading Bacteria for 1,4-Dioxane-Containing Wastewater Treatment by Co-Metabolic Degradation. Journal of Water and Environment Technology, 2013, 11, 11-19.	0.7	23
99	Effects of Operational Conditions on Treatment Performances of Single-Stage Nitrogen Removal using Anammox and Partial Nitrification (SNAP) Process. Japanese Journal of Water Treatment Biology, 2013, 49, 133-142.	0.1	4
100	Monitoring the Fates of Retinoic Acids and 4-Oxo-Retinoic Acids in Municipal Wastewater Treatment Plants. Journal of Japan Society on Water Environment, 2013, 36, 57-65.	0.4	0
101	Bacterial community succession during the enrichment of chemolithoautotrophic arsenite oxidizing bacteria at high arsenic concentrations. Journal of Environmental Sciences, 2012, 24, 2133-2140.	6.1	5
102	Isolation and Characterization of Bacteria Capable of Reducing Tellurium Oxyanions to Insoluble Elemental Tellurium for Tellurium Recovery from Wastewater. Waste and Biomass Valorization, 2012, 3, 409-418.	3.4	20
103	Biotreatment of Selenium Refinery Wastewater Using Pilot-Scale Granular Sludge and Swim-Bed Bioreactors Augmented with a Selenium-Reducing Bacterium <i>Pseudomonas stutzeri</i> NT-1. Japanese Journal of Water Treatment Biology, 2012, 48, 63-71.	0.1	18
104	Detection of retinoic acid receptor agonistic activity and identification of causative compounds in municipal wastewater treatment plants in Japan. Environmental Toxicology and Chemistry, 2012, 31, 307-315.	4.3	14
105	Arsenic adsorption characteristics of biogenic iron oxides in comparison to chemogenic iron oxides. Japanese Journal of Water Treatment Biology, 2012, 48, 145-156.	0.1	0
106	Acceleration of Nonylphenol and 4-tert-Octylphenol Degradation in Sediment by <i>Phragmites australis</i> and Associated Rhizosphere Bacteria. Environmental Science & Technology, 2011, 45, 6524-6530.	10.0	57
107	Accelerated biodegradation of pyrene and benzo[a]pyrene in the <i>Phragmites australis</i> rhizosphere by bacteria-root exudate interactions. Water Research, 2011, 45, 1629-1638.	11.3	185
108	Screening of agonistic activities against four nuclear receptors in wastewater treatment plants in Japan using a yeast two-hybrid assay. Journal of Environmental Sciences, 2011, 23, 125-132.	6.1	20

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109	Characterization of <i>Pseudomonas stutzeri</i> NT-I capable of removing soluble selenium from the aqueous phase under aerobic conditions. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 259-264.	2.2	83
110	Laboratory-scale bioreactors for soluble selenium removal from selenium refinery wastewater using anaerobic sludge. <i>Desalination</i> , 2011, 279, 433-438.	8.2	93
111	Molecular Cloning and Characterization of the <i>srdBCA</i> Operon, Encoding the Respiratory Selenate Reductase Complex, from the Selenate-Reducing Bacterium <i>Bacillus selenatarsenatis</i> SF-1. <i>Journal of Bacteriology</i> , 2011, 193, 2141-2148.	2.2	56
112	Disruption of Retinoic Acid Receptor Signaling by Environmental Pollutants. <i>Journal of Health Science</i> , 2010, 56, 221-230.	0.9	18
113	Long-term Performance and Community Analysis of <i>Spirodela</i> Polyrhiza-bacteria Association Treating Phenol-contaminated Water. <i>Journal of Water and Environment Technology</i> , 2010, 8, 239-250.	0.7	3
114	Evaluation of the biodegradation potential of 1,4-dioxane in river, soil and activated sludge samples. <i>Biodegradation</i> , 2010, 21, 585-591.	3.0	51
115	Accelerated degradation of a variety of aromatic compounds by <i>Spirodela</i> polyrrhiza-bacterial associations and contribution of root exudates released from <i>S. polyrrhiza</i> . <i>Journal of Environmental Sciences</i> , 2010, 22, 494-499.	6.1	15
116	Transfer of plasmid pJP4 from <i>Escherichia coli</i> and <i>Pseudomonas putida</i> to bacteria in activated sludge developed under different sludge retention times. <i>Journal of Bioscience and Bioengineering</i> , 2010, 110, 684-689.	2.2	18
117	Microbial population dynamics during startup of a full-scale anaerobic digester treating industrial food waste in Kyoto eco-energy project. <i>Bioresource Technology</i> , 2010, 101, 3952-3957.	9.6	114
118	Contamination with retinoic acid receptor agonists in two rivers in the Kinki region of Japan. <i>Water Research</i> , 2010, 44, 2409-2418.	11.3	23
119	A novel control method for nitrification: The domination of ammonia-oxidizing bacteria by high concentrations of inorganic carbon in an airlift-fluidized bed reactor. <i>Water Research</i> , 2010, 44, 4195-4203.	11.3	59
120	Isolation and Characterization of 4- <i>tert</i> -Butylphenol-Utilizing <i>Sphingobium fuliginis</i> Strains from <i>Phragmites australis</i> Rhizosphere Sediment. <i>Applied and Environmental Microbiology</i> , 2010, 76, 6733-6740.	3.1	58
121	Evaluation of Biodegradation Potential of Bisphenol A and Bisphenol F in Seawater. <i>Japanese Journal of Water Treatment Biology</i> , 2010, 46, 137-144.	0.1	1
122	Characterization of Novel <i>n</i> -Butylphenol Degrading <i>Pseudomonas veronii</i> Strains Isolated from Rhizosphere of Giant Duckweed, <i>Spirodela polyrrhiza</i> . <i>Japanese Journal of Water Treatment Biology</i> , 2009, 45, 83-92.	0.1	8
123	Evaluation of wastewater reclamation technologies based on in vitro and in vivo bioassays. <i>Science of the Total Environment</i> , 2009, 407, 1588-1597.	8.0	84
124	Biodegradation of bisphenol A and bisphenol F in the rhizosphere sediment of <i>Phragmites australis</i> . <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 147-150.	2.2	100
125	Enhancement of Au Dissolution by Microorganisms Using an Accelerating Cathode Reaction. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2009, 40, 39-44.	2.1	10
126	Detection of Agonistic Activities Against Five Human Nuclear Receptors in River Environments of Japan Using a Yeast Two-Hybrid Assay. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 399-404.	2.7	23

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127	Enrichment of bacteria possessing catechol dioxygenase genes in the rhizosphere of <i>Spirodela polyrrhiza</i> : A mechanism of accelerated biodegradation of phenol. <i>Water Research</i> , 2009, 43, 3765-3776.	11.3	39
128	Identification of Retinoic Acid Receptor Agonists in Sewage Treatment Plants. <i>Environmental Science & Technology</i> , 2009, 43, 6611-6616.	10.0	42
129	Multiple Detection of Occurrence of Bacterial Pathogens in Two Rivers in the Kinki District of Japan with a DNA Microarray. <i>Japanese Journal of Water Treatment Biology</i> , 2009, 45, 31-43.	0.1	1
130	Estimation and field measurement of methane emission from waste landfills in Hanoi, Vietnam. <i>Journal of Material Cycles and Waste Management</i> , 2008, 10, 165-172.	3.0	22
131	Effect of Aeration on Stabilization of Organic Solid Waste and Microbial Population Dynamics in Lab-Scale Landfill Bioreactors. <i>Journal of Bioscience and Bioengineering</i> , 2008, 106, 425-432.	2.2	35
132	The Role of Compost Pile Turning for Improving Performance of Composting. <i>Japanese Journal of Water Treatment Biology</i> , 2008, 44, 21-28.	0.1	1
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