

Michihiko Ike

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/592338/michihiko-ike-publications-by-year.pdf>

Version: 2024-04-27

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

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

159
papers

3,118
citations

34
h-index

50
g-index

163
ext. papers

3,593
ext. citations

4.3
avg, IF

5.15
L-index

#	Paper	IF	Citations
159	Draft Genome Sequence of Strain F-183.. <i>Microbiology Resource Announcements</i> , 2022 , 11, e0045321	1.3	0
158	Genome-wide identification of bacterial colonization and fitness determinants on the floating macrophyte, duckweed.. <i>Communications Biology</i> , 2022 , 5, 68	6.7	3
157	Microalgal transformation of food processing byproducts into functional food ingredients. <i>Bioresource Technology</i> , 2022 , 344, 126324	11	1
156	Temperature dependence of sequential chlorinated ethenes dechlorination and the dynamics of dechlorinating microorganisms. <i>Chemosphere</i> , 2022 , 287, 131989	8.4	2
155	Complete Genome Sequence of sp. Strain TBR-22.. <i>Microbiology Resource Announcements</i> , 2022 , 11, e0045521	0	0
154	Whole structures, core taxa, and functional properties of duckweed microbiomes. <i>Bioresource Technology Reports</i> , 2022 , 18, 101060	4.1	1
153	Factors affecting antimonate bioreduction by sp. AR-2 and sp. AR-3. <i>3 Biotech</i> , 2021 , 11, 163	2.8	4
152	Microbial antimonate reduction and removal potentials in river sediments. <i>Chemosphere</i> , 2021 , 266, 129892	1.2	6
151	Novel Plant-Associated Promotes Growth of Common Floating Aquatic Plants, Duckweeds. <i>Microorganisms</i> , 2021 , 9,	4.9	5
150	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	6	2
149	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	12.8	3
148	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	0.2	0
147	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	1.1	3
146	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	2.2	1
145	Optimization of aerobic dynamic discharge process for very rapid enrichment of polyhydroxyalkanoates-accumulating bacteria from activated sludge. <i>Bioresource Technology</i> , 2021 , 336, 125314	11	2
144	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	4.2	0
143	Technologies to Remove Selenium from Water and Wastewater. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 207-304	0.8	1

142	Community dynamics of duckweed-associated bacteria upon inoculation of plant growth-promoting bacteria. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	10
141	Occurrence and distribution of estrogenic chemicals in river waters of Malaysia. <i>Toxicology and Environmental Health Sciences</i> , 2020 , 12, 65-74	1.9	8
140	Synthetic Bacterial Community of Duckweed: A Simple and Stable System to Study Plant-microbe Interactions. <i>Microbes and Environments</i> , 2020 , 35,	2.6	3
139	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	1.1	3
138	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	0.2	
137	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	0.2	
136	Isolation and Characterization of Facultative-Anaerobic Antimonate-Reducing Bacteria. <i>Microorganisms</i> , 2020 , 8,	4.9	7
135	Carbon sources that enable enrichment of 1,4-dioxane-degrading bacteria in landfill leachate. <i>Biodegradation</i> , 2020 , 31, 23-34	4.1	4
134	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	8.4	16
133	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	8.4	7
132	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	1.1	5
131	Performance of plant growth-promoting bacterium of duckweed under different kinds of abiotic stress factors. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 19, 101146	4.2	7
130	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	5.8	8
129	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>Bioresour. Technology Reports</i> , 2019 , 7, 100276	4.1	4
128	Biosynthesis of bismuth selenide nanoparticles using chalcogen-metabolizing bacteria. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 8853-8861	5.7	3
127	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	0.2	
126	Biological treatment of selenate-containing saline wastewater by activated sludge under oxygen-limiting conditions. <i>Water Research</i> , 2019 , 154, 327-335	12.5	28
125	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	2.2	1

124	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	4.4	14
123	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	3.3	12
122	Microbial Communities on the Submerged Membranes in Full-Scale Membrane Bioreactors Treating Municipal Wastewater. <i>Journal of Environmental Engineering, ASCE</i> , 2018 , 144, 04017084	2	5
121	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	2.1	13
120	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	3.3	29
119	1,4-Dioxane degradation characteristics of <i>Rhodococcus aetherivorans</i> JCM 14343. <i>Biodegradation</i> , 2018 , 29, 301-310	4.1	32
118	Cake layer bacterial communities during different biofouling stages in full-scale membrane bioreactors. <i>Bioresource Technology</i> , 2018 , 259, 259-267	11	22
117	Effect of extracellular electron shuttles on arsenic-mobilizing activities in soil microbial communities. <i>Journal of Hazardous Materials</i> , 2018 , 342, 571-578	12.8	34
116	Bioaugmenting a Lab-Scale Membrane Bioreactor with 4-tert-butylphenol-degrading Bacterium, <i>Sphingobium fuliginis</i> OMI. <i>Japanese Journal of Water Treatment Biology</i> , 2018 , 54, 1-12	0.2	
115	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	1.1	6
114	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	0.2	3
113	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,	1.3	2
112	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	3	1
111	Temperature dependence of nitrogen removal activity by anammox bacteria enriched at low temperatures. <i>Journal of Bioscience and Bioengineering</i> , 2017 , 123, 505-511	3.3	39
110	Microbial Removal and Recovery of Metals from Wastewater 2017 , 573-595		1
109	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	10.2	40
108	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	10.2	55
107	Draft Genome Sequence of Strain H3, a Plant Growth-Promoting Bacterium of Duckweed (). <i>Genome Announcements</i> , 2017 , 5,		7

106	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	5.4	16
105	Evaluation of environmental bacterial communities as a factor affecting the growth of duckweed. <i>Biotechnology for Biofuels</i> , 2017 , 10, 62	7.8	40
104	Draft Genome Sequence of sp. Strain N23, a 1,4-Dioxane-Degrading Bacterium. <i>Genome Announcements</i> , 2017 , 5,		3
103	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	0.2	
102	Bioprocess Approaches for the Removal of Selenium from Industrial Waste and Wastewater by <i>Pseudomonas stutzeri</i> NT-I 2017 , 57-73		2
101	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	2.6	20
100	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	12.5	4
99	1,4-Dioxane degradation potential of members of the genera <i>Pseudonocardia</i> and <i>Rhodococcus</i> . <i>Biodegradation</i> , 2016 , 27, 277-286	4.1	46
98	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	1.1	13
97	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	3.3	4
96	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, 251-8	12.8	21
95	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, 203-8	3.3	24
94	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	0.2	3
93	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	5.8	11
92	Kinetics of bisphenol A degradation by <i>Sphingomonas paucimobilis</i> FJ-4. <i>Journal of Bioscience and Bioengineering</i> , 2016 , 122, 341-4	3.3	11
91	Degradation of sec-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, 267-75	2.3	4
90	High methane production potential of activated sludge accumulating polyhydroxyalkanoates in anaerobic digestion. <i>Biochemical Engineering Journal</i> , 2016 , 114, 283-287	4.2	10
89	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	14.7	38

88	Draft Genome Sequence of <i>Bacillus selenatarsenatis</i> SF-1T, a Promising Agent for Bioremediation of Environments Contaminated with Selenium and Arsenic. <i>Genome Announcements</i> , 2015 , 3,		4
87	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	5.3	31
86	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, 440-5	3.3	21
85	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	1.1	8
84	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	0.2	
83	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	0.2	3
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	0.2	1
81	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	3.3	26
80	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, 576-81	3.3	44
79	Simultaneous anammox and denitrification (SAD) process in sequencing batch reactors. <i>Bioresource Technology</i> , 2014 , 174, 159-66	11	51
78	Characterization of Microbial Community in Membrane Bioreactors Treating Domestic Wastewater. <i>Journal of Water and Environment Technology</i> , 2014 , 12, 99-107	1.1	3
77	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, 2907-15	4.4	3
76	Draft Genome Sequence of <i>Pseudomonas aeruginosa</i> Strain RB, a Bacterium Capable of Synthesizing Cadmium Selenide Nanoparticles. <i>Genome Announcements</i> , 2014 , 2,		2
75	Ethanol Production from Vegetative Fronds and Turions of <i>Wolffia arrhiza</i> . <i>Japanese Journal of Water Treatment Biology</i> , 2014 , 50, 133-140	0.2	5
74	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
73	Selenium Removal from Sewage Sludge Ash by Chemical Extraction and Microbial Reduction. <i>Journal of Environmental Conservation Engineering</i> , 2014 , 43, 96-101	0	3
72	Volume Reduction of Radiocesium-Contaminated Soil by Air-Lift Washing Process. <i>Journal of Environmental Conservation Engineering</i> , 2014 , 43, 729-738	0	
71	Isolation and characterization of bacterial strains that have high ability to degrade 1,4-dioxane as a sole carbon and energy source. <i>Biodegradation</i> , 2013 , 24, 665-74	4.1	66

70	Effective selenium volatilization under aerobic conditions and recovery from the aqueous phase by <i>Pseudomonas stutzeri</i> NT-I. <i>Water Research</i> , 2013 , 47, 1361-8	12.5	62
69	Kinetics of nutrient removal and biomass production by duckweed <i>Wolffia arrhiza</i> in continuous-flow mesocosms. <i>Ecological Engineering</i> , 2013 , 57, 210-215	3.9	16
68	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. <i>Biodegradation</i> , 2013 , 24, 191-202	4.1	39
67	The 4-tert-butylphenol-utilizing bacterium <i>Sphingobium fuliginis</i> OMI can degrade bisphenols via phenolic ring hydroxylation and meta-cleavage pathway. <i>Environmental Science & Technology</i> , 2013 , 47, 1017-23	10.3	35
66	Isolation and Characterization of Tetrahydrofuran- Degrading Bacteria for 1,4-Dioxane-Containing Wastewater Treatment by Co-Metabolic Degradation. <i>Journal of Water and Environment Technology</i> , 2013 , 11, 11-19	1.1	19
65	Effects of Operational Conditions on Treatment Performances of Single-Stage Nitrogen Removal using Anammox and Partial Nitrification (SNAP) Process. <i>Japanese Journal of Water Treatment Biology</i> , 2013 , 49, 133-142	0.2	4
64	Monitoring the Fates of Retinoic Acids and 4-Oxo-Retinoic Acids in Municipal Wastewater Treatment Plants. <i>Journal of Japan Society on Water Environment</i> , 2013 , 36, 57-65	0.2	
63	Detection of retinoic acid receptor agonistic activity and identification of causative compounds in municipal wastewater treatment plants in Japan. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 3073-8	3.8	14
62	Bacterial community succession during the enrichment of chemolithoautotrophic arsenite oxidizing bacteria at high arsenic concentrations. <i>Journal of Environmental Sciences</i> , 2012 , 24, 2133-40	6.4	4
61	Isolation and Characterization of Bacteria Capable of Reducing Tellurium Oxyanions to Insoluble Elemental Tellurium for Tellurium Recovery from Wastewater. <i>Waste and Biomass Valorization</i> , 2012 , 3, 409-418	3.2	13
60	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-I. <i>Japanese Journal of Water Treatment Biology</i> , 2012 , 48, 63-71	0.2	14
59	Arsenic adsorption characteristics of biogenic iron oxides in comparison to chemogenic iron oxides. <i>Japanese Journal of Water Treatment Biology</i> , 2012 , 48, 145-156	0.2	
58	Accelerated biodegradation of pyrene and benzo[a]pyrene in the <i>Phragmites australis</i> rhizosphere by bacteria-root exudate interactions. <i>Water Research</i> , 2011 , 45, 1629-38	12.5	157
57	Screening of agonistic activities against four nuclear receptors in wastewater treatment plants in Japan using a yeast two-hybrid assay. <i>Journal of Environmental Sciences</i> , 2011 , 23, 125-32	6.4	20
56	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, 259-64	3.3	68
55	Laboratory-scale bioreactors for soluble selenium removal from selenium refinery wastewater using anaerobic sludge. <i>Desalination</i> , 2011 , 279, 433-438	10.3	69
54	Acceleration of nonylphenol and 4-tert-octylphenol degradation in sediment by <i>Phragmites australis</i> and associated rhizosphere bacteria. <i>Environmental Science & Technology</i> , 2011 , 45, 6524-30	10.3	52
53	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, 2141-8	3.5	44

52	Contamination with retinoic acid receptor agonists in two rivers in the Kinki region of Japan. <i>Water Research</i> , 2010 , 44, 2409-18	12.5	21
51	A novel control method for nitritation: The domination of ammonia-oxidizing bacteria by high concentrations of inorganic carbon in an airlift-fluidized bed reactor. <i>Water Research</i> , 2010 , 44, 4195-203	12.5	52
50	Isolation and characterization of 4-tert-butylphenol-utilizing <i>Sphingobium fuliginis</i> strains from <i>Phragmites australis</i> rhizosphere sediment. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 6733-40	4.8	46
49	Disruption of Retinoic Acid Receptor Signaling by Environmental Pollutants. <i>Journal of Health Science</i> , 2010 , 56, 221-230		17
48	Long-term Performance and Community Analysis of Spirodela Polyrhiza-bacteria Association Treating Phenol-contaminated Water. <i>Journal of Water and Environment Technology</i> , 2010 , 8, 239-250	1.1	2
47	Evaluation of the biodegradation potential of 1,4-dioxane in river, soil and activated sludge samples. <i>Biodegradation</i> , 2010 , 21, 585-91	4.1	42
46	Accelerated degradation of a variety of aromatic compounds by Spirodela polyrrhiza-bacterial associations and contribution of root exudates released from <i>S. polyrrhiza</i> . <i>Journal of Environmental Sciences</i> , 2010 , 22, 494-9	6.4	12
45	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, 684-9	3.3	16
44	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, 3952-7	11	101
43	Evaluation of Biodegradation Potential of Bisphenol A and Bisphenol F in Seawater. <i>Japanese Journal of Water Treatment Biology</i> , 2010 , 46, 137-144	0.2	1
42	Characterization of Novel 4-tert-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	0.2	8
41	Evaluation of wastewater reclamation technologies based on in vitro and in vivo bioassays. <i>Science of the Total Environment</i> , 2009 , 407, 1588-97	10.2	78
40	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, 147-50	3.3	84
39	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	2.5	9
38	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	21
37	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, 3765-76	12.5	32
36	Identification of retinoic acid receptor agonists in sewage treatment plants. <i>Environmental Science & Technology</i> , 2009 , 43, 6611-6	10.3	36
35	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	0.2	1

34	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, 425-32	3.3	29
33	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	3.4	21
32	The Role of Compost Pile Turning for Improving Performance of Composting. <i>Japanese Journal of Water Treatment Biology</i> , 2008 , 44, 21-28	0.2	1
31	<i>Bacillus selenatarsenatis</i> sp. nov., a selenate- and arsenate-reducing bacterium isolated from the effluent drain of a glass-manufacturing plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1060-1064	2.2	53
30	Performance of Lab-Scale Membrane Bioreactor for Leachate from Go Cat Landfill in Ho Chi Minh City, Vietnam. <i>Japanese Journal of Water Treatment Biology</i> , 2007 , 43, 43-49	0.2	7
29	Accelerated aromatic compounds degradation in aquatic environment by use of interaction between <i>Spirodela polyrrhiza</i> and bacteria in its rhizosphere. <i>Journal of Bioscience and Bioengineering</i> , 2006 , 101, 346-53	3.3	55
28	Estrogenic Activity of Branched 4-Nonylphenol Isomers Examined by Yeast Two-Hybrid Assay. <i>Journal of Health Science</i> , 2006 , 52, 132-141		27
27	Comparative Evaluation of Quantitative Polymerase Chain Reaction Methods for Routine Enumeration of Specific Bacterial DNA in Aquatic Samples. <i>World Journal of Microbiology and Biotechnology</i> , 2005 , 21, 1029-1035	4.4	6
26	Biodegradation of Three Phthalic Acid Esters by Microorganisms from Aquatic Environment. <i>Japanese Journal of Water Treatment Biology</i> , 2005 , 41, 193-201	0.2	1
25	Monitoring behaviour of catabolic genes and change of microbial community structures in seawater microcosms during aromatic compound degradation. <i>Water Research</i> , 2004 , 38, 4405-14	12.5	31
24	Characterization of arsenate-, selenate- and nitrate-reducing activities in <i>Bacillus</i> sp. SF-1. <i>Japanese Journal of Water Treatment Biology</i> , 2004 , 40, 161-168	0.2	4
23	Dissimilatory arsenate reduction by a facultative anaerobe, <i>Bacillus</i> sp. strain SF-1. <i>Journal of Bioscience and Bioengineering</i> , 2003 , 96, 454-60	3.3	43
22	Effect of Heating Patterns on Inactivation and Regrowth Potential of Bacterial Indicator Organisms in Simulation of Composting. <i>Japanese Journal of Water Treatment Biology</i> , 2003 , 39, 131-138	0.2	1
21	Laboratory-scale continuous reactor for soluble selenium removal using selenate-reducing bacterium, <i>Bacillus</i> sp. SF-1. <i>Biotechnology and Bioengineering</i> , 2002 , 80, 755-61	4.9	68
20	Acute toxicity, mutagenicity, and estrogenicity of biodegradation products of bisphenol-A. <i>Environmental Toxicology</i> , 2002 , 17, 457-61	4.2	81
19	Removal of soluble selenium by a selenate-reducing bacterium <i>Bacillus</i> sp. SF-1. <i>BioFactors</i> , 2001 , 14, 261-5	6.1	16
18	Production of a novel bioflocculant by fed-batch culture of <i>Citrobacter</i> sp.. <i>Biotechnology Letters</i> , 2001 , 23, 593-597	3	28
17	Screening of Anaerobic Ammonium Oxidation (Anammox) Potentials in Biomass from a Variety of Wastewater Treatment Processes.. <i>Japanese Journal of Water Treatment Biology</i> , 2001 , 37, 151-159	0.2	

16	Effect of Step Feed Ratio and Temperature on Nitrogen Removal in an Anoxic-Oxic Activated Sludge Process.. <i>Japanese Journal of Water Treatment Biology</i> , 2001 , 37, 19-27	0.2	
15	Abundance of polymers degrading microorganisms in a sea-based solid waste disposal site. <i>Journal of Basic Microbiology</i> , 2000 , 40, 177-86	2.7	25
14	Factors affecting soluble selenium removal by a selenate-reducing bacterium <i>Bacillus</i> sp. SF-1. <i>Journal of Bioscience and Bioengineering</i> , 2000 , 89, 528-33	3.3	94
13	Development of Simple Methods of DNA Extraction from Environmental Samples for Monitoring Microbial Community Based on PCR.. <i>Japanese Journal of Water Treatment Biology</i> , 2000 , 36, 193-204	0.2	17
12	Selenate reduction by bacteria isolated from aquatic environment free from selenium contamination. <i>Water Research</i> , 2000 , 34, 3019-3025	12.5	57
11	Screening of Bacteria Capable of Producing Biofloculants from Acetic and Propionic Acids.. <i>Japanese Journal of Water Treatment Biology</i> , 2000 , 36, 183-192	0.2	3
10	Biodegradation of a polyvinyl alcohol-starch blend plastic film. <i>World Journal of Microbiology and Biotechnology</i> , 1999 , 15, 321-327	4.4	62
9	Design of PCR primers and gene probes for the general detection of bacterial populations capable of degrading aromatic compounds via catechol cleavage pathways. <i>Journal of Bioscience and Bioengineering</i> , 1999 , 88, 542-50	3.3	72
8	An Enzyme-Linked Immunosorbent Assay for Detection of Linear Alkylbenzene Sulfonate: Development and Field Studies. <i>Environmental Science & Technology</i> , 1998 , 32, 1143-1146	10.3	16
7	Isolation and Characterization of a Floc-Forming Bacterium <i>Sphingomonas paucimobilis</i> 551 from Activated Sludge.. <i>Japanese Journal of Water Treatment Biology</i> , 1998 , 34, 195-204	0.2	3
6	Isolation and characterization of a novel selenate-reducing bacterium, <i>Bacillus</i> sp. SF-1. <i>Journal of Bioscience and Bioengineering</i> , 1997 , 83, 517-522		71
5	Decolorization of Heat Treatment Liquor of Waste Sludge by the White Rot Fungus <i>Coriolus hirsutus</i> .. <i>Japanese Journal of Water Treatment Biology</i> , 1997 , 33, 35-45	0.2	6
4	Metabolic Pathway of Bisphenol a by <i>Pseudomonas paucimobilis</i> Strain FJ-4.. <i>Japanese Journal of Water Treatment Biology</i> , 1996 , 32, 199-210	0.2	2
3	Distribution of Bacterial Plasmids in an Activated Sludge Plant.. <i>Japanese Journal of Water Treatment Biology</i> , 1994 , 30, 65-71	0.2	1
2	Specificity of the DNA Probe for Detection of Phenol-Degrading Bacteria in Wastewater Treatment Process. <i>Japanese Journal of Water Treatment Biology</i> , 1991 , 27, 59-65	0.2	
1	Methods for selenium removal from contaminated waters: a review. <i>Environmental Chemistry Letters</i> , 1	13.3	1