

Hee-Mock Oh

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.

220
papers

8,533
citations

46
h-index

84
g-index

228
ext. papers

10,169
ext. citations

4.3
avg, IF

6.11
L-index

#	Paper	IF	Citations
220	How do freshwater microalgae and cyanobacteria respond to antibiotics?. <i>Critical Reviews in Biotechnology</i> , 2022 , 1-21	9.4	0
219	Functional role of a novel algicidal compound produced by <i>Pseudoruegeria</i> sp. M32A2M on the harmful algae <i>Alexandrium catenella</i> .. <i>Chemosphere</i> , 2022 , 134535	8.4	0
218	Algicide capacity of <i>Paucibacter aquatile</i> DH15 on <i>Microcystis aeruginosa</i> by attachment and non-attachment effects.. <i>Environmental Pollution</i> , 2022 , 302, 119079	9.3	2
217	<i>Panacibacter microcysteis</i> sp. nov., isolated from a eutrophic reservoir during the <i>Microcystis</i> bloom period.. <i>Archives of Microbiology</i> , 2022 , 204, 291	3	1
216	Assessment of Species Diversity through Pan-Genome Analysis with Newly Isolated sp. 3-20A1M. <i>Journal of Microbiology and Biotechnology</i> , 2021 , 31, 601-609	3.3	1
215	Biomass quantification and 3-D topography reconstruction of microalgal biofilms using digital image processing. <i>Algal Research</i> , 2021 , 55, 102243	5	3
214	Loading Effects of Aminoclays in Co-Culture of Two Cyanobacterial <i>Microcystis</i> and <i>Anabaena</i> Species as an Algicidal Role. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5607	2.6	
213	Stepwise treatment of undiluted raw piggery wastewater, using three microalgal species adapted to high ammonia. <i>Chemosphere</i> , 2021 , 263, 127934	8.4	20
212	Hydrodynamic cavitation for bacterial disinfection and medium recycling for sustainable <i>Ettlia</i> sp. cultivation. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105411	6.8	1
211	Seasonal succession of microbes in different size-fractions and their modular structures determined by both macro- and micro-environmental filtering in dynamic coastal waters. <i>Science of the Total Environment</i> , 2021 , 784, 147046	10.2	2
210	Elucidation of the Algicidal Mechanism of the Marine Bacterium <i>Pseudoruegeria</i> sp. M32A2M Against the Harmful Alga <i>Alexandrium catenella</i> Based on Time-Course Transcriptome Analysis. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	3
209	Tracking <i>Alexandrium catenella</i> from seed-bed to bloom on the southern coast of Korea. <i>Harmful Algae</i> , 2020 , 99, 101922	5.3	4
208	The NanDeSyn database for Nannochloropsis systems and synthetic biology. <i>Plant Journal</i> , 2020 , 104, 1736-1745	6.9	12
207	Unique microbial module regulates the harmful algal bloom (<i>Cochlodinium polykrikoides</i>) and shifts the microbial community along the Southern Coast of Korea. <i>Science of the Total Environment</i> , 2020 , 721, 137725	10.2	14
206	Genomic and Metabolic Insights into Denitrification, Sulfur Oxidation, and Multidrug Efflux Pump Mechanisms in the Bacterium sp. nov. <i>Microorganisms</i> , 2020 , 8,	4.9	11
205	gen. nov., sp. nov., a novel actinobacterium isolated from a eutrophic lake during the end of cyanobacterial harmful algal blooms, and proposal of fam. nov. in the order. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 915-922	2.2	1
204	Elucidation of the Biosynthetic Pathway of Vitamin B Groups and Potential Secondary Metabolite Gene Clusters Via Genome Analysis of a Marine Bacterium sp. M32A2M. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 505-514	3.3	4

203	sp. nov. isolated from culture of microalga sp. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 6133-6141	2.2	2
202	sp. nov., isolated from freshwater sediment and reclassification of as comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3878-3887	2.2	4
201	Genomic insights into a novel species sp. nov., isolated from freshwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4653-4660	2.2	1
200	Lacisediminihabitans profunda gen. nov., sp. nov., a member of the family Microbacteriaceae isolated from freshwater sediment. <i>Antonie Van Leeuwenhoek</i> , 2020 , 113, 365-375	2.1	2
199	Hydrogen producer microalgae in interaction with hydrogen consumer denitrifiers as a novel strategy for nitrate removal from groundwater and biomass production. <i>Algal Research</i> , 2020 , 45, 101747	5	13
198	Differential proteomic analyses of green microalga Ettlia sp. at various dehydration levels. <i>Plant Physiology and Biochemistry</i> , 2020 , 146, 198-210	5-4	1
197	Network analysis reveals succession of Microcystis genotypes accompanying distinctive microbial modules with recurrent patterns. <i>Water Research</i> , 2020 , 170, 115326	12.5	22
196	Development of a species-specific transformation system using the novel endogenous promoter calreticulin from oleaginous microalgae Ettlia sp. <i>Scientific Reports</i> , 2020 , 10, 13947	4-9	3
195	Heterotrophic cultivation of Ettlia sp. based on sequential hydrolysis of Helianthus tuberosus and algal residue. <i>Energy Conversion and Management</i> , 2020 , 211, 112769	10.6	8
194	Green light as supplementary light for enhancing biomass production of Ettlia sp. and preventing population invasion from other microalgae. <i>Journal of Applied Phycology</i> , 2019 , 31, 2207-2215	3-2	3
193	Enhanced growth and lipid production in psychrotolerant Acutodesmus by controlling temperature-dependent nitrogen concentration. <i>Biomass and Bioenergy</i> , 2019 , 127, 105267	5-3	3
192	Phenotypic niche partitioning and transcriptional responses of Microcystis aeruginosa in a spatially heterogeneous environment. <i>Algal Research</i> , 2019 , 41, 101551	5	3
191	Maximizing biomass and lipid production in Ettlia sp. by ultraviolet stress in a continuous culture. <i>Bioresource Technology</i> , 2019 , 288, 121472	11	5
190	Increased biomass and lipid production of Ettlia sp. YC001 by optimized C and N sources in heterotrophic culture. <i>Scientific Reports</i> , 2019 , 9, 6830	4-9	5
189	Optimized cryopreservation of Ettlia sp. using short cold acclimation and controlled freezing procedure. <i>Journal of Applied Phycology</i> , 2019 , 31, 2277-2287	3-2	4
188	Bacterial community enhances flocculation efficiency of Ettlia sp. by altering extracellular polymeric substances profile. <i>Bioresource Technology</i> , 2019 , 281, 56-65	11	19
187	The water depth-dependent co-occurrence patterns of marine bacteria in shallow and dynamic Southern Coast, Korea. <i>Scientific Reports</i> , 2019 , 9, 9176	4-9	15
186	Characterization of Distinct CyanoHABs-Related Modules in Microbial Recurrent Association Network. <i>Frontiers in Microbiology</i> , 2019 , 10, 1637	5-7	18

185	Description of novel members of the family Sphingomonadaceae: <i>Aquisediminimonas profunda</i> gen. nov., sp. nov., and <i>Aquisediminimonas sediminicola</i> sp. nov., isolated from freshwater sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 2179-2186	2.2	4
184	<i>Nevskia lacus</i> sp. nov., a gammaproteobacterium isolated from a eutrophic lake. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 723-729	2.1	1
183	Nitrate removal from drinking water with a focus on biological methods: a review. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 1124-1141	5.1	92
182	Optimized co-production of lipids and carotenoids from <i>Ettlia</i> sp. by regulating stress conditions. <i>Bioresource Technology</i> , 2018 , 258, 234-239	11	33
181	Bioflocculation in natural and engineered systems: current perspectives. <i>Critical Reviews in Biotechnology</i> , 2018 , 38, 1176-1194	9.4	10
180	Elucidation of the bacterial communities associated with the harmful microalgae <i>Alexandrium tamarense</i> and <i>Cochlodinium polykrikoides</i> using nanopore sequencing. <i>Scientific Reports</i> , 2018 , 8, 5323	4.9	23
179	Improving water quality using settleable microalga <i>Ettlia</i> sp. and the bacterial community in freshwater recirculating aquaculture system of <i>Danio rerio</i> . <i>Water Research</i> , 2018 , 135, 112-121	12.5	20
178	Axenic cultures for microalgal biotechnology: Establishment, assessment, maintenance, and applications. <i>Biotechnology Advances</i> , 2018 , 36, 380-396	17.8	31
177	Description of <i>Hymenobacter daejeonensis</i> sp. nov., isolated from grass soil, based on multilocus sequence analysis of the 16S rRNA gene, <i>gyrB</i> and <i>tuf</i> genes. <i>Antonie Van Leeuwenhoek</i> , 2018 , 111, 2283-2292	2.1	5
176	Optimal strategies for bioremediation of nitrate-contaminated groundwater and microalgae biomass production. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 27471-27482	5.1	9
175	Genome Sequences of Two Cyanobacterial Strains, Toxic Green KW (KCTC 18162P) and Nontoxic Brown sp. Strain MC19, under Xenic Culture Conditions. <i>Genome Announcements</i> , 2018 , 6,		5
174	Optimized cultivation of <i>Ettlia</i> sp. YC001 in eutrophic pond water for nutrient removal and biomass production. <i>Algae</i> , 2018 , 33, 319-327	2.4	1
173	Toxicity and Toxin Composition of <i>Microcystis aeruginosa</i> from Wangsong Reservoir. <i>Toxicology and Environmental Health Sciences</i> , 2018 , 10, 179-185	1.9	4
172	The Ancient Phosphatidylinositol 3-Kinase Signaling System Is a Master Regulator of Energy and Carbon Metabolism in Algae. <i>Plant Physiology</i> , 2018 , 177, 1050-1065	6.6	12
171	Microalgal diversity fosters stable biomass productivity in open ponds treating wastewater. <i>Scientific Reports</i> , 2017 , 7, 1979	4.9	46
170	Higher production of C-phycoerythrin by nitrogen-free (diazotrophic) cultivation of <i>Nostoc</i> sp. NK and simplified extraction by dark-cold shock. <i>Bioresource Technology</i> , 2017 , 227, 164-170	11	20
169	Current status and perspectives of genome editing technology for microalgae. <i>Biotechnology for Biofuels</i> , 2017 , 10, 267	7.8	65
168	Lipid turnover between membrane lipids and neutral lipids via inhibition of diacylglycerol N,N,N-trimethylhomoserine synthesis in <i>Chlamydomonas reinhardtii</i> . <i>Algal Research</i> , 2017 , 27, 162-169	5	9

167	Periphyton effects on bacterial assemblages and harmful cyanobacterial blooms in a eutrophic freshwater lake: a mesocosm study. <i>Scientific Reports</i> , 2017 , 7, 7827	4.9	12
166	Abundant iron and sulfur oxidizers in the stratified sediment of a eutrophic freshwater reservoir with annual cyanobacterial blooms. <i>Scientific Reports</i> , 2017 , 7, 43814	4.9	17
165	Floating rice-culture system for nutrient remediation and feed production in a eutrophic lake. <i>Journal of Environmental Management</i> , 2017 , 203, 342-348	7.9	6
164	Light intensity as major factor to maximize biomass and lipid productivity of <i>Ettlia</i> sp. in CO ₂ -controlled photoautotrophic chemostat. <i>Bioresource Technology</i> , 2017 , 244, 621-628	11	27
163	Phosphorus optimization for simultaneous nitrate-contaminated groundwater treatment and algae biomass production using <i>Ettlia</i> sp. <i>Bioresource Technology</i> , 2017 , 244, 785-792	11	13
162	<i>Pusillimonas caeni</i> sp. nov., isolated from a sludge sample of a biofilm reactor. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 125-132	2.1	12
161	Effects of Environmental Factors on Cyanobacterial Production of Odorous Compounds: Geosmin and 2-Methylisoborneol. <i>Journal of Microbiology and Biotechnology</i> , 2017 , 27, 1316-1323	3.3	22
160	<i>Acidovorax lacteus</i> sp. nov., isolated from a culture of a bloom-forming cyanobacterium (<i>Microcystis</i> sp.). <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 1199-1205	2.1	8
159	<i>Actinotalea caeni</i> sp. nov., isolated from a sludge sample of a biofilm reactor. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1595-1599	2.2	1
158	<i>Blastomonas fulva</i> sp. nov., aerobic photosynthetic bacteria isolated from a <i>Microcystis</i> culture. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3071-3076	2.2	3
157	<i>Silanimonas algicola</i> sp. nov., isolated from laboratory culture of a bloom-forming cyanobacterium, <i>Microcystis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3274-3278	2.2	3
156	<i>Reyranella aquatilis</i> sp. nov., an alphaproteobacterium isolated from a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3496-3500	2.2	6
155	<i>Asprobacter aquaticus</i> gen. nov., sp. nov., a prosthecate alphaproteobacterium isolated from fresh water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4443-4448	2.2	7
154	Increased lipid productivity of <i>Acutodesmus dimorphus</i> using optimized pulsed electric field. <i>Journal of Applied Phycology</i> , 2016 , 28, 931-938	3.2	14
153	Improved mixing efficiency and biomass productivity of <i>Ettlia</i> sp. in co-cultivation system with loaches. <i>Algal Research</i> , 2016 , 17, 300-307	5	6
152	Unique mitochondrial genome structure of the green algal strain YC001 (Sphaeropleales, Chlorophyta), with morphological observations. <i>Phycologia</i> , 2016 , 55, 72-78	2.7	8
151	Algae-bacteria interactions: Evolution, ecology and emerging applications. <i>Biotechnology Advances</i> , 2016 , 34, 14-29	17.8	574
150	Two-phase photoperiodic cultivation of algal-bacterial consortia for high biomass production and efficient nutrient removal from municipal wastewater. <i>Bioresource Technology</i> , 2016 , 200, 867-75	11	47

149	Influence of limiting factors on biomass and lipid productivities of axenic <i>Chlorella vulgaris</i> in photobioreactor under chemostat cultivation. <i>Bioresource Technology</i> , 2016 , 211, 367-73	11	22
148	<i>Chlorella sorokiniana</i> HS1, a novel freshwater green algal strain, grows and hyperaccumulates lipid droplets in seawater salinity. <i>Biomass and Bioenergy</i> , 2016 , 85, 300-305	5.3	49
147	Extract of <i>Ettlia</i> sp. YC001 Exerts Photoprotective Effects against UVB Irradiation in Normal Human Dermal Fibroblasts. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 775-83	3.3	5
146	<i>Rhizobacter profundus</i> sp. nov., isolated from freshwater sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1926-1931	2.2	8
145	Microcystin Biosynthesis and Expression in Geographically Distinct Strains under Different Nitrogen, Phosphorus, and Boron Regimes. <i>BioMed Research International</i> , 2016 , 2016, 5985987	3	11
144	Dynamic variation of toxic and non-toxic <i>Microcystis</i> proportion in the eutrophic Daechung Reservoir in Korea. <i>Journal of Microbiology</i> , 2016 , 54, 543-50	3	5
143	Simple processes for optimized growth and harvest of <i>Ettlia</i> sp. by pH control using CO ₂ and light irradiation. <i>Biotechnology and Bioengineering</i> , 2015 , 112, 288-96	4.9	32
142	PhotoBiobox: A tablet sized, low-cost, high throughput photobioreactor for microalgal screening and culture optimization for growth, lipid content and CO ₂ sequestration. <i>Biochemical Engineering Journal</i> , 2015 , 103, 193-197	4.2	30
141	Evaluation of various techniques for microalgal biomass quantification. <i>Journal of Biotechnology</i> , 2015 , 216, 90-7	3.7	35
140	Microalgae biomass quantification by digital image processing and RGB color analysis. <i>Journal of Applied Phycology</i> , 2015 , 27, 205-209	3.2	28
139	Effects of photoperiod on nutrient removal, biomass production, and algal-bacterial population dynamics in lab-scale photobioreactors treating municipal wastewater. <i>Water Research</i> , 2015 , 68, 680-91 ^{12.5}	12.5	155
138	Status, alert system, and prediction of cyanobacterial bloom in South Korea. <i>BioMed Research International</i> , 2015 , 2015, 584696	3	34
137	Establishment and maintenance of an axenic culture of <i>Ettlia</i> sp. using a species-specific approach. <i>Biotechnology and Bioprocess Engineering</i> , 2015 , 20, 1056-1063	3.1	8
136	Organic carbon, influent microbial diversity and temperature strongly influence algal diversity and biomass in raceway ponds treating raw municipal wastewater. <i>Bioresource Technology</i> , 2015 , 191, 481-7 ¹¹	11	59
135	Phycosphere bacterial diversity in green algae reveals an apparent similarity across habitats. <i>Algal Research</i> , 2015 , 8, 140-144	5	77
134	Enhancing microalgal biomass productivity by engineering a microalgal-bacterial community. <i>Bioresource Technology</i> , 2015 , 175, 578-85	11	154
133	A cost analysis of microalgal biomass and biodiesel production in open raceways treating municipal wastewater and under optimum light wavelength. <i>Journal of Microbiology and Biotechnology</i> , 2015 , 25, 109-18	3.3	53
132	Role of <i>Rhizobium</i> , a plant growth promoting bacterium, in enhancing algal biomass through mutualistic interaction. <i>Biomass and Bioenergy</i> , 2014 , 69, 95-105	5.3	155

131	Ferruginibacter profundus sp. nov., a novel member of the family Chitinophagaceae, isolated from freshwater sediment of a reservoir. <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 319-23	2.1	17
130	Aeration effects on metabolic events during sporulation of <i>Bacillus thuringiensis</i> . <i>Journal of Microbiology</i> , 2014 , 52, 597-603	3	4
129	Flaviflexus salsibiostraticola sp. nov., an actinobacterium isolated from a biofilm reactor. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 3293-3296	2.2	8
128	Optimised hydrodynamic parameters for the design of photobioreactors using computational fluid dynamics and experimental validation. <i>Biosystems Engineering</i> , 2014 , 122, 42-61	4.8	24
127	Sphingomonas daechungensis sp. nov., isolated from sediment of a eutrophic reservoir. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1412-1418	2.2	14
126	Caulobacter profunda sp. nov., isolated from deep freshwater sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 762-767	2.2	14
125	Nutrient removal and biofuel production in high rate algal pond using real municipal wastewater. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 1123-32	3.3	60
124	Development of novel microsatellite markers for strain-specific identification of <i>Chlorella vulgaris</i> . <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 1189-95	3.3	2
123	Hymenobacter ruber sp. nov., isolated from grass soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 979-983	2.2	16
122	Novel approach for the development of axenic microalgal cultures from environmental samples. <i>Journal of Phycology</i> , 2013 , 49, 802-10	3	41
121	Lacibacter daechungensis sp. nov., isolated from deep freshwater of a reservoir. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4519-4523	2.2	7
120	Monitoring approaches for a toxic cyanobacterial bloom. <i>Environmental Science & Technology</i> , 2013 , 47, 8999-9013	10.3	60
119	Aquihabitans daechungensis gen. nov., sp. nov., an actinobacterium isolated from reservoir water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2970-2974	2.2	9
118	Amnibacterium soli sp. nov., an actinobacterium isolated from grass soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4750-4753	2.2	11
117	Geodermatophilus soli sp. nov. and Geodermatophilus terrae sp. nov., two actinobacteria isolated from grass soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2625-2629	2.2	21
116	Caulobacter daechungensis sp. nov., a stalked bacterium isolated from a eutrophic reservoir. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2559-2564	2.2	12
115	Microalgae-associated bacteria play a key role in the flocculation of <i>Chlorella vulgaris</i> . <i>Bioresource Technology</i> , 2013 , 131, 195-201	11	150
114	Optimization of flocculation conditions for <i>Botryococcus braunii</i> using response surface methodology. <i>Journal of Applied Phycology</i> , 2013 , 25, 875-882	3.2	11

113	Lipid droplet synthesis is limited by acetate availability in starchless mutant of <i>Chlamydomonas reinhardtii</i> . <i>FEBS Letters</i> , 2013 , 587, 370-7	3.8	79
112	<i>Arenimonas daechungensis</i> sp. nov., isolated from the sediment of a eutrophic reservoir. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 484-489	2.2	24
111	<i>Ettlia</i> sp. YC001 showing high growth rate and lipid content under high CO ₂ . <i>Bioresource Technology</i> , 2013 , 127, 482-8	11	53
110	Multi-level stressor analysis from the DNA/biochemical level to community levels in an urban stream and integrative health response (IHR) assessments. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013 , 48, 211-22	2.3	5
109	Rapid induction of lipid droplets in <i>Chlamydomonas reinhardtii</i> and <i>Chlorella vulgaris</i> by Brefeldin A. <i>PLoS ONE</i> , 2013 , 8, e81978	3.7	54
108	Increased microalgae growth and nutrient removal using balanced N:P ratio in wastewater. <i>Journal of Microbiology and Biotechnology</i> , 2013 , 23, 92-8	3.3	28
107	<i>Belnapia soli</i> sp. nov., a proteobacterium isolated from grass soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 1955-1959	2.2	8
106	Effective screening of <i>Scenedesmus</i> sp. from environmental microalgae communities using optimal sonication conditions predicted by statistical parameters of fluorescence-activated cell sorting. <i>Bioresource Technology</i> , 2012 , 114, 478-83	11	8
105	<i>Variovorax defluvii</i> sp. nov., isolated from sewage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1779-1783	2.2	15
104	Dynamics of microcystin production and quantification of potentially toxigenic <i>Microcystis</i> sp. using real-time PCR. <i>Water Research</i> , 2012 , 46, 817-27	12.5	41
103	Recent trends in development of biosensors for detection of microcystin. <i>Toxicon</i> , 2012 , 60, 878-94	2.8	66
102	<i>Arenimonas daejeonensis</i> sp. nov., isolated from compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1674-1678	2.2	15
101	Increasing linolenic acid content in <i>Spirulina platensis</i> using fatty acid supplement and light/dark illumination. <i>Journal of Applied Phycology</i> , 2012 , 24, 743-750	3.2	7
100	<i>Kaistia defluvii</i> sp. nov., isolated from river sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2878-2882	2.2	7
99	Simple, rapid and cost-effective method for high quality nucleic acids extraction from different strains of <i>Botryococcus braunii</i> . <i>PLoS ONE</i> , 2012 , 7, e37770	3.7	26
98	Phylogenetic relationships of <i>Arthrospira</i> strains inferred from 16S rRNA gene and <i>cpcBA</i> -IGS sequences. <i>Algae</i> , 2012 , 27, 75-82	2.4	6
97	Municipal Wastewater Treatment and Microbial Diversity Analysis of Microalgal Mini Raceway Open Pond. <i>Korean Journal of Microbiology</i> , 2012 , 48, 192-199		6
96	Correlations between environmental factors and toxic and non-toxic <i>Microcystis</i> dynamics during bloom in Daechung Reservoir, Korea. <i>Harmful Algae</i> , 2011 , 10, 188-193	5.3	85

95	EVALUATION OF ENVIRONMENTAL FACTORS ON CYANOBACTERIAL BLOOM IN EUTROPHIC RESERVOIR USING ARTIFICIAL NEURAL NETWORKS. <i>Journal of Phycology</i> , 2011 , 47, 495-504	3	29
94	Effect of nitrogen limitation on oleic acid biosynthesis in <i>Botryococcus braunii</i> . <i>Journal of Applied Phycology</i> , 2011 , 23, 1031-1037	3.2	46
93	Harvest of <i>Scenedesmus</i> sp. with bioflocculant and reuse of culture medium for subsequent high-density cultures. <i>Bioresource Technology</i> , 2011 , 102, 3163-8	11	151
92	Annual variation of <i>Microcystis</i> genotypes and their potential toxicity in water and sediment from a eutrophic reservoir. <i>FEMS Microbiology Ecology</i> , 2010 , 74, 93-102	4.3	48
91	<i>Pontibaca methylaminivorans</i> gen. nov., sp. nov., a member of the family Rhodobacteraceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2170-2175	2.2	18
90	<i>Halomonas stevensii</i> sp. nov., <i>Halomonas hamiltonii</i> sp. nov. and <i>Halomonas johnsoniae</i> sp. nov., isolated from a renal care centre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 369-377	2.2	34
89	Kinetic correlation between degradation and dechlorination of perchloroethylene in the Fenton reaction. <i>Korean Journal of Chemical Engineering</i> , 2010 , 27, 1750-1754	2.8	6
88	Cyanobactericidal effect of <i>Rhodococcus</i> sp. isolated from eutrophic lake on <i>Microcystis</i> sp. <i>Biotechnology Letters</i> , 2010 , 32, 1673-8	3	21
87	Complete reductive dechlorination of tetrachloroethene to ethene by anaerobic microbial enrichment culture developed from sediment. <i>Biotechnology Letters</i> , 2010 , 32, 1829-35	3	11
86	Adsorption of turbid materials by the cyanobacterium <i>Phormidium parchydematicum</i> . <i>Journal of Applied Phycology</i> , 2010 , 22, 181-186	3.2	4
85	Selection of microalgae for lipid production under high levels carbon dioxide. <i>Bioresource Technology</i> , 2010 , 101 Suppl 1, S71-4	11	494
84	Comparison of several methods for effective lipid extraction from microalgae. <i>Bioresource Technology</i> , 2010 , 101 Suppl 1, S75-7	11	889
83	Diversity and abundance of ammonia-oxidizing bacteria in activated sludge treating different types of wastewater. <i>Journal of Microbiology and Biotechnology</i> , 2010 , 20, 1128-33	3.3	19
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