

Hee-Mock Oh

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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
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228
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10,169
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
220	Comparison of several methods for effective lipid extraction from microalgae. <i>Bioresource Technology</i> , 2010 , 101 Suppl 1, S75-7	11	889
219	Algae-bacteria interactions: Evolution, ecology and emerging applications. <i>Biotechnology Advances</i> , 2016 , 34, 14-29	17.8	574
218	Selection of microalgae for lipid production under high levels carbon dioxide. <i>Bioresource Technology</i> , 2010 , 101 Suppl 1, S71-4	11	494
217	Rapid method for the determination of lipid from the green alga <i>Botryococcus braunii</i> . <i>Biotechnology Letters</i> , 1998 , 12, 553-556		256
216	Microcystin production by <i>Microcystis aeruginosa</i> in a phosphorus-limited chemostat. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 176-9	4.8	213
215	Harvesting of <i>Chlorella vulgaris</i> using a bioflocculant from <i>Paenibacillus</i> sp. AM49. <i>Biotechnology Letters</i> , 2001 , 23, 1229-1234	3	182
214	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	155
213	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
212	Enhancing microalgal biomass productivity by engineering a microalgal-bacterial community. <i>Bioresource Technology</i> , 2015 , 175, 578-85	11	154
211	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
210	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
209	Amplification of uncultured single-stranded DNA viruses from rice paddy soil. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 5975-85	4.8	139
208	Production and properties of a lipopeptide biosurfactant from <i>Bacillus subtilis</i> C9. <i>Journal of Bioscience and Bioengineering</i> , 1997 , 84, 41-46		137
207	Variation of microcystin content of <i>microcystis aeruginosa</i> relative to medium N:P ratio and growth stage. <i>Journal of Applied Microbiology</i> , 2000 , 89, 323-9	4.7	118
206	Effects of harvesting method and growth stage on the flocculation of the green alga <i>Botryococcus braunii</i> . <i>Letters in Applied Microbiology</i> , 1998 , 27, 14-18	2.9	117
205	Analysis of yeast and archaeal population dynamics in kimchi using denaturing gradient gel electrophoresis. <i>International Journal of Food Microbiology</i> , 2008 , 126, 159-66	5.8	95
204	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

203	Correlations between environmental factors and toxic and non-toxic Microcystis dynamics during bloom in Daechung Reservoir, Korea. <i>Harmful Algae</i> , 2011 , 10, 188-193	5.3	85
202	Characterization of a biosurfactant, mannosylerythritol lipid produced from <i>Candida</i> sp. SY16. <i>Applied Microbiology and Biotechnology</i> , 1999 , 52, 713-21	5.7	85
201	Seasonal variation and indirect monitoring of microcystin concentrations in Daechung reservoir, Korea. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 1484-9	4.8	81
200	Growth inhibition of Cyanobacteria by ultrasonic radiation: laboratory and enclosure studies. <i>Environmental Science & Technology</i> , 2003 , 37, 3031-7	10.3	80
199	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
198	Characterization of bioflocculant produced by <i>Bacillus</i> sp. DP-152. <i>Journal of Bioscience and Bioengineering</i> , 1997 , 84, 108-112		79
197	Phycosphere bacterial diversity in green algae reveals an apparent similarity across habitats. <i>Algal Research</i> , 2015 , 8, 140-144	5	77
196	Effects of crude oil, oil components, and bioremediation on plant growth. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004 , 39, 2465-72 ^{2.3}		72
195	<i>Arthrobacter soli</i> sp. nov., a novel bacterium isolated from wastewater reservoir sediment. <i>Journal of Microbiology</i> , 2008 , 46, 40-4	3	68
194	Recent trends in development of biosensors for detection of microcystin. <i>Toxicon</i> , 2012 , 60, 878-94	2.8	66
193	Current status and perspectives of genome editing technology for microalgae. <i>Biotechnology for Biofuels</i> , 2017 , 10, 267	7.8	65
192	Extracellular production of a glycolipid biosurfactant, mannosylerythritol lipid, by <i>Candida</i> sp. SY16 using fed-batch fermentation. <i>Applied Microbiology and Biotechnology</i> , 2006 , 70, 391-6	5.7	65
191	Monitoring approaches for a toxic cyanobacterial bloom. <i>Environmental Science & Technology</i> , 2013 , 47, 8999-9013	10.3	60
190	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
189	Organic carbon, influent microbial diversity and temperature strongly influence algal diversity and biomass in raceway ponds treating raw municipal wastewater. <i>Bioresour. Technol.</i> , 2015 , 191, 481-7 ¹¹		59
188	Life cycle of the ichthyotoxic dinoflagellate <i>Cochlodinium polykrikoides</i> in Korean coastal waters. <i>Harmful Algae</i> , 2007 , 6, 104-111	5.3	59
187	<i>Halalkalicoccus jeotgali</i> sp. nov., a halophilic archaeon from shrimp jeotgal, a traditional Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2296-2298 ^{2.3}		56
186	Rainfall, phycocyanin, and N:P ratios related to cyanobacterial blooms in a Korean large reservoir. <i>Hydrobiologia</i> , 2002 , 474, 117-124	2.4	56

185	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
184	<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
183	Growth inhibition of bloom-forming cyanobacterium <i>Microcystis aeruginosa</i> by rice straw extract. <i>Letters in Applied Microbiology</i> , 2006 , 43, 307-12	2.9	53
182	Selective control of cyanobacteria by surfactin-containing culture broth of <i>Bacillus subtilis</i> C1. <i>Biotechnology Letters</i> , 2003 , 25, 1137-42	3	53
181	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
180	<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
179	Simple method for a cell count of the colonial Cyanobacterium, <i>Microcystis</i> sp. <i>Journal of Microbiology</i> , 2006 , 44, 562-5	3	49
178	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
177	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
176	<i>Paenibacillus kribbensis</i> sp. nov. and <i>Paenibacillus terrae</i> sp. nov., biofloculants for efficient harvesting of algal cells. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003 , 53, 295-301	2.2	47
175	Harvesting of <i>Spirulina platensis</i> by cellular flotation and growth stage determination. <i>Letters in Applied Microbiology</i> , 2005 , 40, 190-4	2.9	47
174	Microalgal diversity fosters stable biomass productivity in open ponds treating wastewater. <i>Scientific Reports</i> , 2017 , 7, 1979	4.9	46
173	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
172	<i>Spirosoma panaciterrae</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 331-5	2.2	46
171	<i>Chryseobacterium aquaticum</i> sp. nov., isolated from a water reservoir. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 533-7	2.2	45
170	Alternative alert system for cyanobacterial bloom, using phycocyanin as a level determinant. <i>Journal of Microbiology</i> , 2007 , 45, 98-104	3	43
169	Novel approach for the development of axenic microalgal cultures from environmental samples. <i>Journal of Phycology</i> , 2013 , 49, 802-10	3	41
168	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

167	Community patterning and identification of predominant factors in algal bloom in Daechung Reservoir (Korea) using artificial neural networks. <i>Ecological Modelling</i> , 2007 , 203, 109-118	3	41
166	STORAGE OF PHOSPHORUS IN NITROGEN-FIXING ANABAENA FLOS-AQUAE (CYANOPHYCEAE)1. <i>Journal of Phycology</i> , 1994 , 30, 267-273	3	41
165	Surface and physico-chemical properties of a glycolipid biosurfactant, mannosylerythritol lipid, from <i>Candida antarctica</i> . <i>Biotechnology Letters</i> , 2002 , 24, 1637-1641	3	40
164	<i>Sporolactobacillus vineae</i> sp. nov., a spore-forming lactic acid bacterium isolated from vineyard soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2316-20	2.2	39
163	Evaluation of various techniques for microalgal biomass quantification. <i>Journal of Biotechnology</i> , 2015 , 216, 90-7	3.7	35
162	Determination of cyanobacterial diversity during algal blooms in Daechung Reservoir, Korea, on the basis of cpcBA intergenic spacer region analysis. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 3252-3258	4.8	35
161	Status, alert system, and prediction of cyanobacterial bloom in South Korea. <i>BioMed Research International</i> , 2015 , 2015, 584696	3	34
160	<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
159	<i>Paracoccus aestuarii</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 790-4	2.2	34
158	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
157	<i>Arthrobacter defluvii</i> sp. nov., 4-chlorophenol-degrading bacteria isolated from sewage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1916-21	2.2	33
156	<i>Lysobacter panaciterrae</i> sp. nov., isolated from soil of a ginseng field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 958-63	2.2	33
155	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
154	<i>Pedobacter composti</i> sp. nov., isolated from compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 345-9	2.2	32
153	<i>Luteimonas aestuarii</i> sp. nov., isolated from tidal flat sediment. <i>Journal of Microbiology</i> , 2008 , 46, 525-9	3	32
152	<i>Natronococcus jeotgali</i> sp. nov., a halophilic archaeon isolated from shrimp jeotgal, a traditional fermented seafood from Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2129-2131	2.2	32
151	Axenic cultures for microalgal biotechnology: Establishment, assessment, maintenance, and applications. <i>Biotechnology Advances</i> , 2018 , 36, 380-396	17.8	31
150	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

149	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
148	Selective control of cyanobacteria in eutrophic pond by a combined device of ultrasonication and water pumps. <i>Environmental Technology (United Kingdom)</i> , 2007 , 28, 371-9	2.6	29
147	Microalgae biomass quantification by digital image processing and RGB color analysis. <i>Journal of Applied Phycology</i> , 2015 , 27, 205-209	3.2	28
146	Induction of axenic culture of <i>Arthrospira (Spirulina) platensis</i> based on antibiotic sensitivity of contaminating bacteria. <i>Biotechnology Letters</i> , 2008 , 30, 87-92	3	28
145	<i>Brevibacillus ginsengisoli</i> sp. nov., a denitrifying bacterium isolated from soil of a ginseng field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2665-2669	2.2	28
144	Extracellular production of a glycolipid biosurfactant, mannosylerythritol lipid, from <i>Candida antarctica</i> . <i>Biotechnology Letters</i> , 2002 , 24, 225-229	3	28
143	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
142	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
141	<i>Haloterrigena jeotgali</i> sp. nov., an extremely halophilic archaeon from salt-fermented food. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2359-63	2.2	27
140	Isolation of a novel pentachlorophenol-degrading bacterium, <i>Pseudomonas</i> sp. Bu34. <i>Journal of Applied Microbiology</i> , 1998 , 85, 1-8	4.7	27
139	Isolation and characterization of novel halotolerant and/or halophilic denitrifying bacteria with versatile metabolic pathways for the degradation of trimethylamine. <i>FEMS Microbiology Letters</i> , 2003 , 225, 263-9	2.9	26
138	Microcystin-induced down-regulation of lymphocyte functions through reduced IL-2 mRNA stability. <i>Toxicology Letters</i> , 2001 , 122, 21-31	4.4	26
137	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
136	<i>Pseudomonas sabulinigri</i> sp. nov., isolated from black beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 38-41	2.2	25
135	DIEL RHYTHM OF ALGAL PHOSPHATE UPTAKE RATES IN P-LIMITED CYCLOSTATS AND SIMULATION OF ITS EFFECT ON GROWTH AND COMPETITION ¹ . <i>Journal of Phycology</i> , 2002 , 38, 695-704 ³		25
134	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
133	<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
132	Monitoring bacterial population dynamics using real-time PCR during the bioremediation of crude-oil-contaminated soil. <i>Journal of Microbiology and Biotechnology</i> , 2009 , 19, 339-45	3.3	24

131	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
130	<i>Nocardioides basaltis</i> sp. nov., isolated from black beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 42-7	2.2	23
129	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
128	<i>Roseomonas frigidaquae</i> sp. nov., isolated from a water-cooling system. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1630-4	2.2	22
127	A comparative study of microalgae isolated from flooded rice paddies: light-limited growth, C fixation, growth efficiency and relative N and P requirement. <i>Journal of Applied Phycology</i> , 1991 , 3, 211-220	3.3	22
126	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
125	Network analysis reveals succession of <i>Microcystis</i> genotypes accompanying distinctive microbial modules with recurrent patterns. <i>Water Research</i> , 2020 , 170, 115326	12.5	22
124	<i>Geodermatophilus soli</i> sp. nov. and <i>Geodermatophilus terrae</i> sp. nov., two actinobacteria isolated from grass soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2625-2629	2.2	21
123	<i>Alishewanella aestuarii</i> sp. nov., isolated from tidal flat sediment, and emended description of the genus <i>Alishewanella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 421-4	2.2	21
122	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
121	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
120	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
119	<i>Bacillus pocheonensis</i> sp. nov., a moderately halotolerant, aerobic bacterium isolated from soil of a ginseng field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2532-2537	2.2	20
118	Stepwise treatment of undiluted raw piggery wastewater, using three microalgal species adapted to high ammonia. <i>Chemosphere</i> , 2021 , 263, 127934	8.4	20
117	Bacterial community enhances flocculation efficiency of <i>Ettlia</i> sp. by altering extracellular polymeric substances profile. <i>Bioresource Technology</i> , 2019 , 281, 56-65	11	19
116	<i>Microbacterium aquimaris</i> sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1616-20	2.2	19
115	Biodegradation of Aliphatic and Aromatic Hydrocarbons by <i>Nocardia</i> sp. H17-1. <i>Geomicrobiology Journal</i> , 2006 , 23, 253-259	2.5	19
114	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

113	Characterization of Distinct CyanoHABs-Related Modules in Microbial Recurrent Association Network. <i>Frontiers in Microbiology</i> , 2019 , 10, 1637	5.7	18
112	<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
111	<i>Nitratireductor basaltis</i> sp. nov., isolated from black beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 135-8	2.2	18
110	Factors indicating culture status during cultivation of <i>Spirulina</i> (<i>Arthrospira</i>) <i>platensis</i> . <i>Journal of Microbiology</i> , 2007 , 45, 122-7	3	18
109	<i>Ferruginibacter profundus</i> 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
108	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
107	NOTE ESTABLISHMENT OF AXENIC CULTURES OF ANABAENA FLOS-AQUAE AND APHANOTHECE NIDULANS (CYANOBACTERIA) BY LYSOZYME TREATMENT. <i>Journal of Phycology</i> , 1999 , 35, 865-869	3	17
106	<i>Henriciella marina</i> gen. nov., sp. nov., a novel member of the family Hyphomonadaceae isolated from the East Sea. <i>Journal of Microbiology</i> , 2009 , 47, 156-61	3	16
105	<i>Marinobacter goseongensis</i> sp. nov., from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2866-70	2.2	16
104	<i>Hymenobacter ruber</i> sp. nov., isolated from grass soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 979-983	2.2	16
103	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
102	<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
101	<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
100	<i>Gordonia kroppenstedtii</i> sp. nov., a phenol-degrading actinomycete isolated from a polluted stream. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1992-6	2.2	15
99	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
98	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
97	<i>Sphingomonas daechungensis</i> 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
96	<i>Caulobacter profunda</i> sp. nov., isolated from deep freshwater sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 762-767	2.2	14

95	Spingomonas aestuarii sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1359-63	2.2	14
94	Aliihoeflea aestuarii gen. nov., sp. nov., a novel bacterium isolated from tidal flat sediment. <i>Journal of Microbiology</i> , 2008 , 46, 594-8	3	14
93	Phosphorus optimization for simultaneous nitrate-contaminated groundwater treatment and algae biomass production using Ettlia sp. <i>Bioresource Technology</i> , 2017 , 244, 785-792	11	13
92	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
91	The NanDeSyn database for Nannochloropsis systems and synthetic biology. <i>Plant Journal</i> , 2020 , 104, 1736-1745	6.9	12
90	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
89	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
88	Pusillimonas caeni sp. nov., isolated from a sludge sample of a biofilm reactor. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 125-132	2.1	12
87	Shewanella basaltis sp. nov., a marine bacterium isolated from black sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1907-10	2.2	12
86	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
85	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
84	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
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