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List of Publications by Year
in descending order

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227 papers	11,398 citations	38660 50 h-index	37111 96 g-index
228 all docs	228 docs citations	228 times ranked	10623 citing authors

#	Article	IF	Citations
1	Comparison of several methods for effective lipid extraction from microalgae. Bioresource Technology, 2010, 101, S75-S77.	4.8	1,013
2	Algaeâ€“bacteria interactions: Evolution, ecology and emerging applications. Biotechnology Advances, 2016, 34, 14-29.	6.0	937
3	Selection of microalgae for lipid production under high levels carbon dioxide. Bioresource Technology, 2010, 101, S71-S74.	4.8	569
4	Rapid method for the determination of lipid from the green alga Botryococcus braunii. Biotechnology Letters, 1998, 12, 553-556.	0.5	298
5	Microcystin Production by Microcystis aeruginosa in a Phosphorus-Limited Chemostat. Applied and Environmental Microbiology, 2000, 66, 176-179.	1.4	248
6	Role of Rhizobium, a plant growth promoting bacterium, in enhancing algal biomass through mutualistic interaction. Biomass and Bioenergy, 2014, 69, 95-105.	2.9	231
7	Effects of photoperiod on nutrient removal, biomass production, and algal-bacterial population dynamics in lab-scale photobioreactors treating municipal wastewater. Water Research, 2015, 68, 680-691.	5.3	231
8	Harvesting of Chlorella vulgaris using a bioflocculant from Paenibacillus sp. AM49. Biotechnology Letters, 2001, 23, 1229-1234.	1.1	220
9	Enhancing microalgal biomass productivity by engineering a microalgalâ€“bacterial community. Bioresource Technology, 2015, 175, 578-585.	4.8	217
10	Nitrate removal from drinking water with a focus on biological methods: a review. Environmental Science and Pollution Research, 2019, 26, 1124-1141.	2.7	189
11	Microalgae-associated bacteria play a key role in the flocculation of Chlorella vulgaris. Bioresource Technology, 2013, 131, 195-201.	4.8	184
12	Harvest of Scenedesmus sp. with bioflocculant and reuse of culture medium for subsequent high-density cultures. Bioresource Technology, 2011, 102, 3163-3168.	4.8	173
13	Production and properties of a lipopeptide biosurfactant from Bacillus subtilis C9. Journal of Bioscience and Bioengineering, 1997, 84, 41-46.	0.9	158
14	Amplification of Uncultured Single-Stranded DNA Viruses from Rice Paddy Soil. Applied and Environmental Microbiology, 2008, 74, 5975-5985.	1.4	148
15	Variation of microcystin content of Microcystis aeruginosa relative to medium N:P ratio and growth stage. Journal of Applied Microbiology, 2000, 89, 323-329.	1.4	136
16	Effects of harvesting method and growth stage on the flocculation of the green alga Botryococcus braunii. Letters in Applied Microbiology, 1998, 27, 14-18.	1.0	132
17	Analysis of yeast and archaeal population dynamics in kimchi using denaturing gradient gel electrophoresis. International Journal of Food Microbiology, 2008, 126, 159-166.	2.1	113
18	Phycosphere bacterial diversity in green algae reveals an apparent similarity across habitats. Algal Research, 2015, 8, 140-144.	2.4	113

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19	Current status and perspectives of genome editing technology for microalgae. Biotechnology for Biofuels, 2017, 10, 267.	6.2	102
20	Correlations between environmental factors and toxic and non-toxic Microcystis dynamics during bloom in Daechung Reservoir, Korea. Harmful Algae, 2011, 10, 188-193.	2.2	98
21	Characterization of a biosurfactant, mannosylerythritol lipid produced from Candida sp. SY16. Applied Microbiology and Biotechnology, 1999, 52, 713-721.	1.7	97
22	Seasonal Variation and Indirect Monitoring of Microcystin Concentrations in Daechung Reservoir, Korea. Applied and Environmental Microbiology, 2001, 67, 1484-1489.	1.4	93
23	Growth Inhibition of Cyanobacteria by Ultrasonic Radiation:Â Laboratory and Enclosure Studies. Environmental Science & Technology, 2003, 37, 3031-3037.	4.6	93
24	Lipid droplet synthesis is limited by acetate availability in starchless mutant of Chlamydomonas reinhardtii. FEBS Letters, 2013, 587, 370-377.	1.3	93
25	Effects of Crude Oil, Oil Components, and Bioremediation on Plant Growth. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 2465-2472.	0.9	91
26	Characterization of bioflocculant produced by Bacillus sp. DP-152. Journal of Bioscience and Bioengineering, 1997, 84, 108-112.	0.9	89
27	Extracellular production of a glycolipid biosurfactant, mannosylerythritol lipid, by Candida sp. SY16 using fed-batch fermentation. Applied Microbiology and Biotechnology, 2006, 70, 391-396.	1.7	89
28	Recent trends in development of biosensors for detection of microcystin. Toxicon, 2012, 60, 878-894.	0.8	79
29	Arthrobacter soli sp. nov., a novel bacterium isolated from wastewater reservoir sediment. Journal of Microbiology, 2008, 46, 40-44.	1.3	77
30	Monitoring Approaches for a Toxic Cyanobacterial Bloom. Environmental Science & Technology, 2013, 47, 8999-9013.	4.6	77
31	Organic carbon, influent microbial diversity and temperature strongly influence algal diversity and biomass in raceway ponds treating raw municipal wastewater. Bioresource Technology, 2015, 191, 481-487.	4.8	76
32	Nutrient Removal and Biofuel Production in High Rate Algal Pond Using Real Municipal Wastewater. Journal of Microbiology and Biotechnology, 2014, 24, 1123-1132.	0.9	72
33	Rainfall, phycocyanin, and N:P ratios related to cyanobacterial blooms in a Korean large reservoir. Hydrobiologia, 2002, 474, 117-124.	1.0	70
34	Life cycle of the ichthyotoxic dinoflagellate Cochlodinium polykrikoides in Korean coastal waters. Harmful Algae, 2007, 6, 104-111.	2.2	70
35	Halalkalicoccus jeotgali sp. nov., a halophilic archaeon from shrimp jeotgal, a traditional Korean fermented seafood. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2296-2298.	0.8	69
36	Selective control of cyanobacteria by surfactin-containing culture broth of Bacillus subtilis C1. Biotechnology Letters, 2003, 25, 1137-1142.	1.1	66

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37	Two-phase photoperiodic cultivation of algalâ€"bacterial consortia for high biomass production and efficient nutrient removal from municipal wastewater. Bioresource Technology, 2016, 200, 867-875.	4.8	66
38	Chlorella sorokiniana HS1, a novel freshwater green algal strain, grows and hyperaccumulates lipid droplets in seawater salinity. Biomass and Bioenergy, 2016, 85, 300-305.	2.9	66
39	A Cost Analysis of Microalgal Biomass and Biodiesel Production in Open Raceways Treating Municipal Wastewater and under Optimum Light Wavelength. Journal of Microbiology and Biotechnology, 2015, 25, 109-118.	0.9	65
40	Axenic cultures for microalgal biotechnology: Establishment, assessment, maintenance, and applications. Biotechnology Advances, 2018, 36, 380-396.	6.0	64
41	Growth inhibition of bloom-forming cyanobacterium Microcystis aeruginosa by rice straw extract. Letters in Applied Microbiology, 2006, 43, 307-312.	1.0	63
42	Rapid Induction of Lipid Droplets in Chlamydomonas reinhardtii and Chlorella vulgaris by Brefeldin A. PLoS ONE, 2013, 8, e81978.	1.1	63
43	Microalgal diversity fosters stable biomass productivity in open ponds treating wastewater. Scientific Reports, 2017, 7, 1979.	1.6	61
44	Paenibacillus kribbensis sp. nov. and Paenibacillus terrae sp. nov., bioflocculants for efficient harvesting of algal cells. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 295-301.	0.8	59
45	Spirosoma panaciterrae sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 331-335.	0.8	58
46	Ettlia sp. YC001 showing high growth rate and lipid content under high CO2. Bioresource Technology, 2013, 127, 482-488.	4.8	57
47	Chryseobacterium aquaticum sp. nov., isolated from a water reservoir. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 533-537.	0.8	56
48	Effect of nitrogen limitation on oleic acid biosynthesis in Botryococcus braunii. Journal of Applied Phycology, 2011, 23, 1031-1037.	1.5	56
49	Annual variation of Microcystis genotypes and their potential toxicity in water and sediment from a eutrophic reservoir. FEMS Microbiology Ecology, 2010, 74, 93-102.	1.3	55
50	Sporolactobacillus vineae sp. nov., a spore-forming lactic acid bacterium isolated from vineyard soil. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2316-2320.	0.8	53
51	Dynamics of microcystin production and quantification of potentially toxigenic Microcystis sp. using real-time PCR. Water Research, 2012, 46, 817-827.	5.3	53
52	STORAGE OF PHOSPHORUS IN NITROGEN-FIXING ANABAENA FLOS-AQUAE (CYANOPHYCEAE)1. Journal of Phycology, 1994, 30, 267-273.	1.0	52
53	Halomonas stevensii sp. nov., Halomonas hamiltonii sp. nov. and Halomonas johnsoniae sp. nov., isolated from a renal care centre. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 369-377.	0.8	52
54	Harvesting of Spirulina platensis by cellular flotation and growth stage determination. Letters in Applied Microbiology, 2005, 40, 190-194.	1.0	51

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55	Novel approach for the development of axenic microalgal cultures from environmental samples. Journal of Phycology, 2013, 49, 802-810.	1.0	51
56	Network analysis reveals succession of Microcystis genotypes accompanying distinctive microbial modules with recurrent patterns. Water Research, 2020, 170, 115326.	5.3	51
57	Simple method for a cell count of the colonial Cyanobacterium, Microcystis sp. Journal of Microbiology, 2006, 44, 562-5.	1.3	51
58	Community patterning and identification of predominant factors in algal bloom in Daechung Reservoir (Korea) using artificial neural networks. Ecological Modelling, 2007, 203, 109-118.	1.2	49
59	Alternative alert system for cyanobacterial bloom, using phycocyanin as a level determinant. Journal of Microbiology, 2007, 45, 98-104.	1.3	49
60	Arthrobacter defluvii sp. nov., 4-chlorophenol-degrading bacteria isolated from sewage. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1916-1921.	0.8	48
61	Evaluation of various techniques for microalgal biomass quantification. Journal of Biotechnology, 2015, 216, 90-97.	1.9	48
62	Title is missing!. Biotechnology Letters, 2002, 24, 1637-1641.	1.1	47
63	Status, Alert System, and Prediction of Cyanobacterial Bloom in South Korea. BioMed Research International, 2015, 2015, 1-8.	0.9	46
64	Optimized co-production of lipids and carotenoids from Ettlia sp. by regulating stress conditions. Bioresource Technology, 2018, 258, 234-239.	4.8	45
65	Elucidation of the bacterial communities associated with the harmful microalgae Alexandrium tamarense and Cochlodinium polykrikoides using nanopore sequencing. Scientific Reports, 2018, 8, 5323.	1.6	43
66	Natronococcus jeotgali sp. nov., a halophilic archaeon isolated from shrimp jeotgal, a traditional fermented seafood from Korea. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2129-2131.	0.8	42
67	Determination of Cyanobacterial Diversity during Algal Blooms in Daechung Reservoir, Korea, on the Basis of cpcBA Intergenic Spacer Region Analysis. Applied and Environmental Microbiology, 2006, 72, 3252-3258.	1.4	41
68	Pedobacter composti sp. nov., isolated from compost. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 345-349.	0.8	41
69	Haloterrigena jeotgali sp. nov., an extremely halophilic archaeon from salt-fermented food. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2359-2363.	0.8	41
70	Paracoccus aestuarii sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 790-794.	0.8	41
71	Induction of axenic culture of Arthrospira (Spirulina) platensis based on antibiotic sensitivity of contaminating bacteria. Biotechnology Letters, 2007, 30, 87-92.	1.1	40
72	Luteimonas aestuarii sp. nov., isolated from tidal flat sediment. Journal of Microbiology, 2008, 46, 525-529.	1.3	40

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73	PhotoBiobox: A tablet sized, low-cost, high throughput photobioreactor for microalgal screening and culture optimization for growth, lipid content and CO2 sequestration. Biochemical Engineering Journal, 2015, 103, 193-197.	1.8	40
74	Light intensity as major factor to maximize biomass and lipid productivity of Ettlia sp. in CO2-controlled photoautotrophic chemostat. Bioresource Technology, 2017, 244, 621-628.	4.8	39
75	Lysobacter panaciterrae sp. nov., isolated from soil of a ginseng field. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 958-963.	0.8	38
76	The NanDeSyn database for Nannochloropsis systems and synthetic biology. Plant Journal, 2020, 104, 1736-1745.	2.8	37
77	Acidovorax lacteus sp. nov., isolated from a culture of a bloom-forming cyanobacterium (Microcystis) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	37
78	Hymenobacter ruber sp. nov., isolated from grass soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 979-983.	0.8	37
79	EVALUATION OF ENVIRONMENTAL FACTORS ON CYANOBACTERIAL BLOOM IN EUTROPHIC RESERVOIR USING ARTIFICIAL NEURAL NETWORKS1. Journal of Phycology, 2011, 47, 495-504.	1.0	36
80	Stepwise treatment of undiluted raw piggery wastewater, using three microalgal species adapted to high ammonia. Chemosphere, 2021, 263, 127934.	4.2	36
81	Title is missing!. Biotechnology Letters, 2002, 24, 225-229.	1.1	35
82	Brevibacillus ginsengisoli sp. nov., a denitrifying bacterium isolated from soil of a ginseng field. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2665-2669.	0.8	34
83	Increased Microalgae Growth and Nutrient Removal Using Balanced N:P Ratio in Wastewater. Journal of Microbiology and Biotechnology, 2013, 23, 92-98.	0.9	34
84	Effects of Environmental Factors on Cyanobacterial Production of Odorous Compounds: Geosmin and 2-Methylisoborneol. Journal of Microbiology and Biotechnology, 2017, 27, 1316-1323.	0.9	34
85	Isolation of a novel pentachlorophenol-degrading bacterium, Pseudomonas sp. Bu34. Journal of Applied Microbiology, 1998, 85, 1-8.	1.4	33
86	Geodermatophilus soli sp. nov. and Geodermatophilus terrae sp. nov., two actinobacteria isolated from grass soil. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2625-2629.	0.8	33
87	Simple processes for optimized growth and harvest of Ettlia sp. by pH control using CO₂ and light irradiation. Biotechnology and Bioengineering, 2015, 112, 288-296.	1.7	33
88	Microalgae biomass quantification by digital image processing and RGB color analysis. Journal of Applied Phycology, 2015, 27, 205-209.	1.5	33
89	The water depth-dependent co-occurrence patterns of marine bacteria in shallow and dynamic Southern Coast, Korea. Scientific Reports, 2019, 9, 9176.	1.6	33
90	Characterization of Distinct CyanoHABs-Related Modules in Microbial Recurrent Association Network. Frontiers in Microbiology, 2019, 10, 1637.	1.5	33

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91	Bacterial community enhances flocculation efficiency of Ettlia sp. by altering extracellular polymeric substances profile. Bioresource Technology, 2019, 281, 56-65.	4.8	33
92	Arenimonas daechungensis sp. nov., isolated from the sediment of a eutrophic reservoir. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 484-489.	0.8	32
93	Optimised hydrodynamic parameters for the design of photobioreactors using computational fluid dynamics and experimental validation. Biosystems Engineering, 2014, 122, 42-61.	1.9	32
94	Improving water quality using settleable microalga Ettlia sp. and the bacterial community in freshwater recirculating aquaculture system of Danio rerio. Water Research, 2018, 135, 112-121.	5.3	32
95	Simple, Rapid and Cost-Effective Method for High Quality Nucleic Acids Extraction from Different Strains of Botryococcus braunii. PLoS ONE, 2012, 7, e37770.	1.1	32
96	Isolation and characterization of novel halotolerant and/or halophilic denitrifying bacteria with versatile metabolic pathways for the degradation of trimethylamine. FEMS Microbiology Letters, 2003, 225, 263-269.	0.7	31
97	Selective Control of Cyanobacteria in Eutrophic Pond by a Combined Device of Ultrasonication and Water Pumps. Environmental Technology (United Kingdom), 2007, 28, 371-379.	1.2	31
98	Monitoring Bacterial Population Dynamics Using Real-Time PCR During the Bioremediation of Crude-Oil-Contaminated Soil. Journal of Microbiology and Biotechnology, 2009, 19, 339-345.	0.9	31
99	Roseomonas frigidaquae sp. nov., isolated from a water-cooling system. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1630-1634.	0.8	30
100	Genomic and Metabolic Insights into Denitrification, Sulfur Oxidation, and Multidrug Efflux Pump Mechanisms in the Bacterium Rhodoferax sediminis sp. nov.. Microorganisms, 2020, 8, 262.	1.6	30
101	Microbacterium aquimaris sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1616-1620.	0.8	29
102	Alishewanella aestuarii sp. nov., isolated from tidal flat sediment, and emended description of the genus Alishewanella. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 421-424.	0.8	29
103	Pseudomonas sabulinigri sp. nov., isolated from black beach sand. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 38-41.	0.8	29
104	Cyanobactericidal effect of Rhodococcus sp. isolated from eutrophic lake on Microcystis sp. Biotechnology Letters, 2010, 32, 1673-1678.	1.1	29
105	Influence of limiting factors on biomass and lipid productivities of axenic Chlorella vulgaris in photobioreactor under chemostat cultivation. Bioresource Technology, 2016, 211, 367-373.	4.8	29
106	Microcystin-induced down-regulation of lymphocyte functions through reduced IL-2 mRNA stability. Toxicology Letters, 2001, 122, 21-31.	0.4	28
107	Nitratireductor basaltis sp. nov., isolated from black beach sand. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 135-138.	0.8	28
108	Henriciella marina gen. nov., sp. nov., a novel member of the family Hyphomonadaceae isolated from the East Sea. Journal of Microbiology, 2009, 47, 156-161.	1.3	28

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109	Higher production of C-phycocyanin by nitrogen-free (diazotrophic) cultivation of Nostoc sp. NK and simplified extraction by dark-cold shock. Bioresource Technology, 2017, 227, 164-170.	4.8	28
110	Microcystis colony formation: Extracellular polymeric substance, associated microorganisms, and its application. Bioresource Technology, 2022, 360, 127610.	4.8	28
111	Nocardioides basaltis sp. nov., isolated from black beach sand. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 42-47.	0.8	27
112	A comparative study of microalgae isolated from flooded rice paddies: light-limited growth, C fixation, growth efficiency and relative N and P requirement. Journal of Applied Phycology, 1991, 3, 211-220.	1.5	26
113	Bacillus pocheonensis sp. nov., a moderately halotolerant, aerobic bacterium isolated from soil of a ginseng field. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2532-2537.	0.8	26
114	Pontibaca methylaminivorans gen. nov., sp. nov., a member of the family Rhodobacteraceae. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2170-2175.	0.8	26
115	Sphingomonas daechungensis sp. nov., isolated from sediment of a eutrophic reservoir. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1412-1418.	0.8	26
116	DIEL RHYTHM OF ALGAL PHOSPHATE UPTAKE RATES IN Pâ€LIMITED CYCLOSTATS AND SIMULATION OF ITS EFFECT ON GROWTH AND COMPETITION1. Journal of Phycology, 2002, 38, 695-704.	1.0	25
117	Unique microbial module regulates the harmful algal bloom (Cochlodinium polykrikoides) and shifts the microbial community along the Southern Coast of Korea. Science of the Total Environment, 2020, 721, 137725.	3.9	25
118	Diversity and Abundance of Ammonia-Oxidizing Bacteria in Activated Sludge Treating Different Types of Wastewater. Journal of Microbiology and Biotechnology, 2010, 20, 1128-1133.	0.9	24
119	Algicide capacity of Paucibacter aquatile DH15 on Microcystis aeruginosa by attachment and non-attachment effects. Environmental Pollution, 2022, 302, 119079.	3.7	24
120	Gordonia kroppenstedtii sp. nov., a phenol-degrading actinomycete isolated from a polluted stream. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1992-1996.	0.8	23
121	Ferruginibacter profundus sp. nov., a novel member of the family Chitinophagaceae, isolated from freshwater sediment of a reservoir. Antonie Van Leeuwenhoek, 2014, 106, 319-323.	0.7	23
122	Hydrogen producer microalgae in interaction with hydrogen consumer denitrifiers as a novel strategy for nitrate removal from groundwater and biomass production. Algal Research, 2020, 45, 101747.	2.4	23
123	Aliihoeflea aestuarii gen. nov., sp. nov., a novel bacterium isolated from tidal flat sediment. Journal of Microbiology, 2008, 46, 594-598.	1.3	22
124	Marinobacter goseongensis sp. nov., from seawater. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2866-2870.	0.8	22
125	Variovorax defluvii sp. nov., isolated from sewage. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1779-1783.	0.8	22
126	Increased lipid productivity of Acutodesmus dimorphus using optimized pulsed electric field. Journal of Applied Phycology, 2016, 28, 931-938.	1.5	22

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127	Abundant iron and sulfur oxidizers in the stratified sediment of a eutrophic freshwater reservoir with annual cyanobacterial blooms. Scientific Reports, 2017, 7, 43814.	1.6	22
128	NOTE ESTABLISHMENT OF AXENIC CULTURES OF ANABAENA FLOS-AQUAE AND APHANOTHECE NIDULANS (CYANOBACTERIA) BY LYSOZYME TREATMENT. Journal of Phycology, 1999, 35, 865-869.	1.0	21
129	Biodegradation of Aliphatic and Aromatic Hydrocarbons byNocardiasp. H17-1. Geomicrobiology Journal, 2006, 23, 253-259.	1.0	21
130	Sphingomonas aestuarii sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1359-1363.	0.8	21
131	Arenimonas daejeonensis sp. nov., isolated from compost. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1674-1678.	0.8	21
132	Caulobacter profunda sp. nov., isolated from deep freshwater sediment. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 762-767.	0.8	21
133	Periphyton effects on bacterial assemblages and harmful cyanobacterial blooms in a eutrophic freshwater lake: a mesocosm study. Scientific Reports, 2017, 7, 7827.	1.6	20
134	Pusillimonas caeni sp. nov., isolated from a sludge sample of a biofilm reactor. Antonie Van Leeuwenhoek, 2017, 110, 125-132.	0.7	20
135	Aquihabitans daechungensis gen. nov., sp. nov., an actinobacterium isolated from reservoir water. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2970-2974.	0.8	19
136	Microcystin Biosynthesis andmcyAExpression in Geographically DistinctMicrocystisStrains under Different Nitrogen, Phosphorus, and Boron Regimes. BioMed Research International, 2016, 2016, 1-13.	0.9	19
137	Tracking Alexandrium catenella from seed-bed to bloom on the southern coast of Korea. Harmful Algae, 2020, 99, 101922.	2.2	19
138	Factors indicating culture status during cultivation of Spirulina (Arthrospira) platensis. Journal of Microbiology, 2007, 45, 122-7.	1.3	19
139	Shewanella basaltis sp. nov., a marine bacterium isolated from black sand. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1907-1910.	0.8	18
140	Caulobacter daechungensis sp. nov., a stalked bacterium isolated from a eutrophic reservoir. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2559-2564.	0.8	18
141	Seasonal succession of microbes in different size-fractions and their modular structures determined by both macro- and micro-environmental filtering in dynamic coastal waters. Science of the Total Environment, 2021, 784, 147046.	3.9	18
142	Silanimonas algicola sp. nov., isolated from laboratory culture of a bloom-forming cyanobacterium, Microcystis. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3274-3278.	0.8	18
143	Amnibacterium soli sp. nov., an actinobacterium isolated from grass soil. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4750-4753.	0.8	17
144	Rhizobacter profundi sp. nov., isolated from freshwater sediment. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1926-1931.	0.8	17

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145	Asprobacter aquaticus gen. nov., sp. nov., a prosthecate alphaproteobacterium isolated from fresh water. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4443-4448.	0.8	17
146	Description of novel members of the family Sphingomonadaceae: Aquisediminimonas profunda gen. nov., sp. nov., and Aquisediminimonas sediminicola sp. nov., isolated from freshwater sediment. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2179-2186.	0.8	17
147	The Ancient Phosphatidylinositol 3-Kinase Signaling System Is a Master Regulator of Energy and Carbon Metabolism in Algae. Plant Physiology, 2018, 177, 1050-1065.	2.3	16
148	How do freshwater microalgae and cyanobacteria respond to antibiotics?. Critical Reviews in Biotechnology, 2023, 43, 191-211.	5.1	16
149	Vibrio areninigrae sp. nov., a marine bacterium isolated from black sand. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1903-1906.	0.8	15
150	Phosphorus optimization for simultaneous nitrate-contaminated groundwater treatment and algae biomass production using Ettlia sp.. Bioresource Technology, 2017, 244, 785-792.	4.8	15
151	Bioflocculation in natural and engineered systems: current perspectives. Critical Reviews in Biotechnology, 2018, 38, 1176-1194.	5.1	15
152	Reyranella aquatilis sp. nov., an alphaproteobacterium isolated from a eutrophic lake. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3496-3500.	0.8	15
153	Expression of sfp gene and hydrocarbon degradation by Bacillus subtilis. Biotechnology Letters, 2000, 22, 1431-1436.	1.1	14
154	Complete reductive dechlorination of tetrachloroethene to ethene by anaerobic microbial enrichment culture developed from sediment. Biotechnology Letters, 2010, 32, 1829-1835.	1.1	14
155	Flaviflexus salsibiostraticola sp. nov., an actinobacterium isolated from a biofilm reactor. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3293-3296.	0.8	14
156	Optimal strategies for bioremediation of nitrate-contaminated groundwater and microalgae biomass production. Environmental Science and Pollution Research, 2018, 25, 27471-27482.	2.7	14
157	Lysobacter profundi sp. nov., isolated from freshwater sediment and reclassification of Lysobacter panaciterrae as Luteimonas panaciterrae comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3878-3887.	0.8	14
158	Functional role of a novel algicidal compound produced by Pseudoruegeria sp. M32A2M on the harmful algae Alexandrium catenella. Chemosphere, 2022, 300, 134535.	4.2	14
159	Kaistia defluvii sp. nov., isolated from river sediment. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2878-2882.	0.8	13
160	Establishment and maintenance of an axenic culture of Ettlia sp. using a species-specific approach. Biotechnology and Bioprocess Engineering, 2015, 20, 1056-1063.	1.4	13
161	Lipid turnover between membrane lipids and neutral lipids via inhibition of diacylglyceryl N,N,N-trimethylhomoserine synthesis in Chlamydomonas reinhardtii. Algal Research, 2017, 27, 162-169.	2.4	13
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