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List of Publications by Year in descending order

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30
papers

863
citations

516710

16
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Thainema gen. nov. (Leptolyngbyaceae, Synechococcales): A new genus of simple trichal cyanobacteria isolated from a solar saltern environment in Thailand. PLoS ONE, 2022, 17, e0261682.	2.5	8
2	2.2 Cyanobacteria on rock surfaces. , 2021, , 87-140.		0
3	Tenebriella gen. nov. “The dark twin of Oscillatoria. Molecular Phylogenetics and Evolution, 2021, 165, 107293.	2.7	11
4	Effect of magnesite dust pollution on biodiversity and species composition of oak-hornbeam woodlands in the Western Carpathians. Biologia (Poland), 2019, 74, 1591-1611.	1.5	7
5	Detailed characterization of the Arthrospira type species separating commercially grown taxa into the new genus Limnospira (Cyanobacteria). Scientific Reports, 2019, 9, 694.	3.3	75
6	Taxonomic resolution of the genus <i>Cyanothece</i> (Chroococcales, Cyanobacteria), with a treatment on <i>Gloeothece</i> and three new genera, <i>Crocospaera</i> , <i>Rippkaea</i> , and <i>Zehria</i> . Journal of Phycology, 2019, 55, 578-610.	2.3	57
7	²²⁶ Ra, ²³⁸ U and Cd adsorption kinetics and binding capacity of two cyanobacterial strains isolated from highly radioactive springs and optimal conditions for maximal removal effects in contaminated water. International Journal of Phytoremediation, 2018, 20, 369-377.	3.1	35
8	Seeking the true Oscillatoria. Preslia, 2018, 90, 151-169.	2.8	27
9	Nunduva, a new marine genus of Rivulariaceae (Nostocales, Cyanobacteria) from marine rocky shores. Fottea, 2018, 18, 86-105.	0.9	33
10	New simple trichal cyanobacterial taxa isolated from radioactive thermal springs. Fottea, 2018, 18, 137-149.	0.9	54
11	Molecular characterization of Geitleria appalachiana sp. nov. (Nostocales, Cyanobacteria) and formation of Geitleriaceae fam. nov.. Fottea, 2018, 18, 150-163.	0.9	11
12	Highly divergent 16S rRNA sequences in ribosomal operons of Scytonema hyalinum (Cyanobacteria). PLoS ONE, 2017, 12, e0186393.	2.5	67
13	Some Like it High! Phylogenetic Diversity of High-Elevation Cyanobacterial Community from Biological Soil Crusts of Western Himalaya. Microbial Ecology, 2016, 71, 113-123.	2.8	38
14	Main photoautotrophic components of biofilms in natural draft cooling towers. Folia Microbiologica, 2016, 61, 255-260.	2.3	10
15	Roholtiella, gen. nov. (Nostocales, Cyanobacteria) a tapering and branching cyanobacteria of the family Nostocaceae. Phytotaxa, 2015, 197, 84.	0.3	77
16	(2365) Proposal to conserve the name Cyanospira G. Florenz. & al. (Cyanophyceae) against Cyanospira Chodat (Euglenophyceae). Taxon, 2015, 64, 845-846.	0.7	0
17	Phylogenetic analysis of cultivation-resistant terrestrial cyanobacteria with massive sheaths (<i>Stigonema</i> spp. and <i>Petalonema alatum</i> , Nostocales, Cyanobacteria) using single-cell and filament sequencing of environmental samples. Journal of Phycology, 2015, 51, 288-297.	2.3	44
18	Diversity of cyanobacteria on rock surfaces. Biodiversity and Conservation, 2015, 24, 759-779.	2.6	36

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19	Reassessment of the cyanobacterial family Microchaetaceae and establishment of new families Tolyptothricaceae and Godleyaceae. <i>Journal of Phycology</i> , 2014, 50, 1089-1100.	2.3	64
20	Pilot survey of cyanobacterial diversity from the neighborhood of San Gerardo de Rivas, Costa Rica with a brief summary of current knowledge of terrestrial cyanobacteria in Central America. <i>Revista Brasileira De Botanica</i> , 2013, 36, 299-307.	1.3	9
21	(2195) Proposal to conserve the name <i>Gloeotheca</i> (<i>Cyanophyceae</i>) with a conserved type. <i>Taxon</i> , 2013, 62, 1056-1056.	0.7	3
22	<i>Calochaete</i> gen. nov. (Cyanobacteria, Nostocales), a new cyanobacterial type from the "ramo" zone in Costa Rica. <i>Phytotaxa</i> , 2013, 109, 36.	0.3	22
23	Phylogenetic position and taxonomy of three heterocytous cyanobacteria dominating the littoral of deglaciated lakes, James Ross Island, Antarctica. <i>Polar Biology</i> , 2012, 35, 759-774.	1.2	30
24	Microvegetation on the top of Mt. Roraima, Venezuela.. <i>Fottea</i> , 2011, 11, 171-186.	0.9	11
25	A review of the alien and expansive species of freshwater cyanobacteria and algae in the Czech Republic. <i>Biological Invasions</i> , 2010, 12, 3599-3625.	2.4	77
26	Phototrophic biofilms on the interior walls of concrete Iterson-type cooling towers. <i>Journal of Applied Phycology</i> , 2010, 22, 733-736.	2.8	13
27	The list of cyanobacterial species of the Czech Republic to the end of 2009.. <i>Fottea</i> , 2010, 10, 245-249.	0.9	20
28	Epilithic cyanobacterial flora of Mohelenský hadcový steppe Nature Reserve (western Moravia, Czech) <i>Tj ETQq0 0,0,rgBT /Overlock 10</i>	0.9	8
29	Image analysis - a simple method of algal culture growth assessment. <i>Journal of Applied Phycology</i> , 2007, 19, 599-601.	2.8	4
30	Rock-inhabiting cyanoprokaryota from South Bohemia (Czech Republic). <i>Nova Hedwigia</i> , 2007, 85, 379-392.	0.4	12