

Tom Å; Hauer

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	<i>Roholtiella</i> , gen. nov. (Nostocales, Cyanobacteria) – a tapering and branching cyanobacteria of the family Nostocaceae. <i>Phytotaxa</i> , 2015, 197, 84.	0.3	77
3	Detailed characterization of the <i>Arthrospira</i> type species separating commercially grown taxa into the new genus <i>Limnospira</i> (Cyanobacteria). <i>Scientific Reports</i> , 2019, 9, 694.	3.3	75
4	Highly divergent 16S rRNA sequences in ribosomal operons of <i>Scytonema hyalinum</i> (Cyanobacteria). <i>PLoS ONE</i> , 2017, 12, e0186393.	2.5	67
5	Reassessment of the cyanobacterial family Microchaetaceae and establishment of new families Tolyptrochaceae and Godleyaceae. <i>Journal of Phycology</i> , 2014, 50, 1089-1100.	2.3	64
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> . <i>Journal of Phycology</i> , 2019, 55, 578-610.	2.3	57
7	New simple trichal cyanobacterial taxa isolated from radioactive thermal springs. <i>Fottea</i> , 2018, 18, 137-149.	0.9	54
8	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. <i>Journal of Phycology</i> , 2015, 51, 288-297.	2.3	44
9	Some Like it High! Phylogenetic Diversity of High-Elevation Cyanobacterial Community from Biological Soil Crusts of Western Himalaya. <i>Microbial Ecology</i> , 2016, 71, 113-123.	2.8	38
10	Diversity of cyanobacteria on rock surfaces. <i>Biodiversity and Conservation</i> , 2015, 24, 759-779.	2.6	36
11	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. <i>International Journal of Phytoremediation</i> , 2018, 20, 369-377.	3.1	35
12	<i>Nunduva</i> , a new marine genus of Rivulariaceae (Nostocales, Cyanobacteria) from marine rocky shores. <i>Fottea</i> , 2018, 18, 86-105.	0.9	33
13	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
14	Seeking the true <i>Oscillatoria</i> . <i>Preslia</i> , 2018, 90, 151-169.	2.8	27
15	<i>Calochaete</i> gen. nov. (Cyanobacteria, Nostocales), a new cyanobacterial type from the páramo zone in Costa Rica. <i>Phytotaxa</i> , 2013, 109, 36.	0.3	22
16	The list of cyanobacterial species of the Czech Republic to the end of 2009.. <i>Fottea</i> , 2010, 10, 245-249.	0.9	20
17	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
18	Rock-inhabiting cyanoprokaryota from South Bohemia (Czech Republic). <i>Nova Hedwigia</i> , 2007, 85, 379-392.	0.4	12

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19	Tenebriella gen. nov. “The dark twin of Oscillatoria. Molecular Phylogenetics and Evolution, 2021, 165, 107293.	2.7	11
20	Microvegetation on the top of Mt. Roraima, Venezuela.. Fottea, 2011, 11, 171-186.	0.9	11
21	Molecular characterization of Geitleria appalachiana sp. nov. (Nostocales, Cyanobacteria) and formation of Geitleriaceae fam. nov.. Fottea, 2018, 18, 150-163.	0.9	11
22	Main photoautotrophic components of biofilms in natural draft cooling towers. Folia Microbiologica, 2016, 61, 255-260.	2.3	10
23	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. Revista Brasileira De Botanica, 2013, 36, 299-307.	1.3	9
24	Epilithic cyanobacterial flora of Mohelenský hadcový steppe Nature Reserve (western Moravia, Czech) Tj ETQq0 0.0 rgBT /Oyerlock 10	0.9	8
25	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
26	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
27	Image analysis - a simple method of algal culture growth assessment. Journal of Applied Phycology, 2007, 19, 599-601.	2.8	4
28	(2195) Proposal to conserve the name <i>Gloeotheca</i> (<i>Cyanophyceae</i>) with a conserved type. Taxon, 2013, 62, 1056-1056.	0.7	3
29	(2365) Proposal to conserve the name <i>Cyanospira</i> G. Florenz. & al. (<i>Cyanophyceae</i>) against <i>Cyanospira</i> Chodat (<i>Euglenophyceae</i>). Taxon, 2015, 64, 845-846.	0.7	0
30	2.2 Cyanobacteria on rock surfaces. , 2021, , 87-140.		0