JiÅÃ- KomÃ¡rek

List of Publications by Year
in descending order

36 papers	2,264 citations	304743 22 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	2004 citing authors

#	Article	IF	Citations
1	Phylogenetic and morphological evaluation of the genera Anabaena, Aphanizomenon, Trichormus and Nostoc (Nostocales, Cyanobacteria). International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 11-26.	1.7	297
2	Moorea producens gen. nov., sp. nov. and Moorea bouillonii comb. nov., tropical marine cyanobacteria rich in bioactive secondary metabolites. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1171-1178.	1.7	241
3	A polyphasic approach for the taxonomy of cyanobacteria: principles and applications. European Journal of Phycology, 2016, 51, 346-353.	2.0	223
4	Nomenclatural validation of the genetically revised cyanobacterial genus Dolichospermum (RALFS ex) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	192
5	Recent changes (2008) in cyanobacteria taxonomy based on a combination of molecular background with phenotype and ecological consequences (genus and species concept). Hydrobiologia, 2010, 639, 245-259.	2.0	136
6	MORPHOLOGICAL AND MOLECULAR CHARACTERIZATION OF PLANKTONIC CYANOBACTERIA FROM BELGIUM AND LUXEMBOURG1. Journal of Phycology, 2006, 42, 1312-1332.	2.3	126
7	Molecular and morphological criteria for revision of the genus <scp>M</scp>icrocoleus (<scp>O</scp>scillatoriales, <scp>C</scp>yanobacteria). Journal of Phycology, 2013, 49, 1167-1180.	2.3	101
8	Planktic morphospecies of the cyanobacterial genus Anabaena = subg. Dolichospermum - 1. part: coiled types.. Fottea, 2007, 7, 1-31.	0.9	93
9	Polyphasic evaluation of Limnoraphis robusta, a water-bloom forming cyanobacterium from Lake AtitlÃ¡n, Guatemala, with a description of Limnoraphis gen. nov.. Fottea, 2013, 13, 39-52.	0.9	70
10	Taxonomic consequences from the combined molecular and phenotype evaluation of selected Anabaena and Aphanizomenon strains. Algological Studies, 2005, 117, 371-391.	0.1	64
11	Diversity of the cyanobacterial microflora of the northern part of James Ross Island, NW Weddell Sea, Antarctica. Polar Biology, 2008, 31, 853-865.	1.2	61
12	Phylogenetic relationships between geographically separate Phormidium cyanobacteria: is there a link between north and south polar regions?. Polar Biology, 2010, 33, 1419-1428.	1.2	57
13	Several problems of the polyphasic approach in the modern cyanobacterial system. Hydrobiologia, 2018, 811, 7-17.	2.0	56
14	HETEROGENEITY OF THE CYANOBACTERIAL GENUS SYNECHOCYSTIS AND DESCRIPTION OF A NEW GENUS, GEMINOCYSTIS¹. Journal of Phycology, 2009, 45, 928-937.	2.3	54
15	Modern taxonomic revision of planktic nostocacean cyanobacteria: a short review of genera. Hydrobiologia, 2010, 639, 231-243.	2.0	53
16	Review of the cyanobacterial genera implying planktic species after recent taxonomic revisions according to polyphasic methods: state as of 2014. Hydrobiologia, 2016, 764, 259-270.	2.0	51
17	Cyanobacterial blooms in Lake Atitlan, Guatemala. Limnologica, 2011, 41, 296-302.	1.5	50
18	Planktic morphospecies of the cyanobacterial genus Anabaena = subg. Dolichospermum - 2. part: straight types.. Fottea, 2008, 8, 1-14.	0.9	45

#	Article	IF	Citations
19	The cyanobacterial genus Phormidesmis. Algological Studies (Stuttgart, Germany: 2007), 2009, 129, 41-59.	0.4	43
20	Coincidences of structural and molecular characters in evolutionary lines of cyanobacteria. Algological Studies, 2003, 109, 305-325.	0.1	38
21	Phylogenetic and taxonomic delimitation of the cyanobacterial genusAphanotheceand description ofAnathece gen. nov.. European Journal of Phycology, 2011, 46, 315-326.	2.0	37
22	Quo vadis, taxonomy of cyanobacteria (2019). Fottea, 2020, 20, 104-110.	0.9	27
23	Characterization of freshwater benthic biofilmâ€forming <scp>H</scp>ydrocoryne (<scp>C</scp>yanobacteria) isolates from <scp>A</scp>ntarctica. Journal of Phycology, 2013, 49, 1142-1153.	2.3	22
24	Studies on the cyanophytes (Cyanoprokaryotes) of Cuba 10. New and little known chroococcalean species. Folia Geobotanica Et Phytotaxonomica, 1995, 30, 81-90.	0.4	17
25	Delimitation of the family Oscillatoriaceae (Cyanobacteria) according to the modern polyphasic approach (introductory review). Revista Brasileira De Botanica, 2018, 41, 449-456.	1.3	13
26	Cyanobacterial water bloom of Limnoraphis robusta in the Lago Mayor of Lake Titicaca. Can it develop?. Hydrobiologia, 2016, 764, 249-258.	2.0	12
27	Gloeocapsopsis aurea, a new subaerophytic cyanobacterium from maritime Antarctica. Polar Biology, 2004, 27, 623.	1.2	11
28	Cyanobacterial diversity in alkaline marshes of northern Belize (Central America). Algological Studies, 2005, 117, 265-278.	0.1	11
29	Tenebriella gen. nov. â€“ The dark twin of Oscillatoria. Molecular Phylogenetics and Evolution, 2021, 165, 107293.	2.7	11
30	The Confirmation of the genusGlaucospira(Cyanobacteria) and the Occurrence ofGlaucospira laxissima(G. S. West) comb. nova in Serbia. Cryptogamie, Algologie, 2014, 35, 259-267.	0.9	10
31	Background of the Caruaru tragedy; a case taxonomic study of toxic cyanobacteria. Algological Studies, 2001, 103, 9-29.	0.1	8
32	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
33	Heavy metals in water, ice and biological material from Spitsbergen, Svalbard. Polar Research, 1992, 11, 99-101.	1.6	6
34	Adaptability in diversification processes of cyanobacteria; the example of Synechococcus bigranulatus. Algological Studies, 2003, 109, 299-304.	0.1	5
35	(2194) Proposal to conserve the name <I>Gloeobacter</I> <I>violaceus</I> against <I>Aphanothece caldariorum</I>, <I>Gloeothece coerulea</I>, and <I>Gloeothece linearis</I> (<I>Cyanophyceae</I>). Taxon, 2013, 62, 1055-1055.	0.7	4
36	(2195) Proposal to conserve the name <I>Gloeothece</I> (<I>Cyanophyceae</I>) with a conserved type. Taxon, 2013, 62, 1056-1056.	0.7	3