

Ladislav Hodac

List of Publications by Year in descending order

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26
papers

1,707
citations

623734

14
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580821

25
g-index

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all docs

29
docs citations

29
times ranked

3008
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrosequencing-Based Assessment of Bacterial Community Structure Along Different Management Types in German Forest and Grassland Soils. PLoS ONE, 2011, 6, e17000.	2.5	480
2	Fatty acid profiles and their distribution patterns in microalgae: a comprehensive analysis of more than 2000 strains from the SAG culture collection. BMC Plant Biology, 2011, 11, 124.	3.6	400
3	Interannual variation in land-use intensity enhances grassland multidiversity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 308-313.	7.1	243
4	Biodiversity of soil cyanobacteria in the hyperarid Atacama Desert, Chile. Journal of Phycology, 2014, 50, 698-710.	2.3	81
5	Photoperiod Extension Enhances Sexual Megaspore Formation and Triggers Metabolic Reprogramming in Facultative Apomictic <i>Ranunculus auricomus</i> . Frontiers in Plant Science, 2016, 7, 278.	3.6	75
6	Widespread green algae <i>Chlorella</i> and <i>Stichococcus</i> exhibit polar-temperate and tropical-temperate biogeography. FEMS Microbiology Ecology, 2016, 92, fiw122.	2.7	68
7	JENUFA GEN. NOV.: A NEW GENUS OF COCCOID GREEN ALGAE (CHLOROPHYCEAE, INCERTAE SEDIS) PREVIOUSLY RECORDED BY ENVIRONMENTAL SEQUENCING1. Journal of Phycology, 2011, 47, 928-938.	2.3	41
8	Phylogenomics unravels Quaternary vicariance and allopatric speciation patterns in temperate-montane plant species: A case study on the <i>Ranunculus auricomus</i> species complex. Molecular Ecology, 2020, 29, 2031-2049.	3.9	41
9	ITS Polymorphisms Shed Light on Hybrid Evolution in Apomictic Plants: A Case Study on the <i>Ranunculus auricomus</i> Complex. PLoS ONE, 2014, 9, e103003.	2.5	38
10	Temperature-related phenotypic plasticity in the green microalga <i>Micrasterias rotata</i> . Aquatic Microbial Ecology, 2008, 51, 77-86.	1.8	33
11	A little bit of sex prevents mutation accumulation even in apomictic polyploid plants. BMC Evolutionary Biology, 2019, 19, 170.	3.2	25
12	Phylogenomics supported by geometric morphometrics reveals delimitation of sexual species within the polyploid apomictic <i>Ranunculus auricomus</i> complex (Ranunculaceae). Taxon, 2020, 69, 1191-1220.	0.7	22
13	Diversity of Microscopic Green Algae (Chlorophyta) in Calcifying Biofilms of Two Karstic Streams in Germany. Geomicrobiology Journal, 2015, 32, 275-290.	2.0	21
14	Moving beyond assumptions: Polyploidy and environmental effects explain a geographical parthenogenesis scenario in European plants. Molecular Ecology, 2021, 30, 2659-2675.	3.9	19
15	Untying Gordian knots: unraveling reticulate polyploid plant evolution by genomic data using the large <i>Ranunculus auricomus</i> species complex. New Phytologist, 2022, 235, 2081-2098.	7.3	19
16	Cyanobacteria and Diatoms in Biofilms of Two Karstic Streams in Germany and Changes of Their Communities Along Calcite Saturation Gradients. Geomicrobiology Journal, 2015, 32, 255-274.	2.0	17
17	Mendelian segregation of leaf phenotypes in experimental F2 hybrids elucidates origin of morphological diversity of the apomictic <i>Ranunculus auricomus</i> complex. Taxon, 2018, 67, 1082-1092.	0.7	15
18	Molecular Evidence for the Wide Distribution of Two Lineages of Terrestrial Green Algae (Chlorophyta) over Tropics to Temperate Zone. ISRN Ecology, 2012, 2012, 1-9.	1.0	12

#	ARTICLE	IF	CITATIONS
19	<i>Chloromonas arctica</i> sp. nov., a psychrotolerant alga from snow in the High Arctic (Chlamydomonadales, Chlorophyta). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 851-859.	1.7	11
20	<i>Lunachloris lukesovae</i> gen. et sp. nov. (Trebouxiophyceae, Chlorophyta), a novel coccoid green alga isolated from soil in South Bohemia, Czech Republic. <i>European Journal of Phycology</i> , 2017, 52, 281-291.	2.0	10
21	Breeding system of diploid sexuals within the <i>Ranunculus auricomus</i> complex and its role in a geographical parthenogenesis scenario. <i>Ecology and Evolution</i> , 2020, 10, 14435-14450.	1.9	9
22	<i>Chloromonas svalbardensis</i> n. sp. with Insights into the Phylogroup <i>Chloromonadinia</i> (Chlorophyceae). <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 882-892.	1.7	8
23	Overlooked diversity with terrestrial lifestyle in the predominantly freshwater and snow phylogroup <i>Chloromonadinia</i> (Volvocales, Chlorophyceae). <i>European Journal of Phycology</i> , 2020, 55, 207-222.	2.0	7
24	<i>Watanabea acidotolerans</i> : A new trebouxiophyte lineage (Chlorophyta) inhabiting low pH environments from Europe to South America. <i>Phycological Research</i> , 2019, 67, 120-127.	1.6	5
25	Settling the identity and phylogenetic position of the psychrotolerant green algal genus <i>Coleochlamys</i> (Trebouxiophyceae). <i>Phycologia</i> , 2021, 60, 135-147.	1.4	5
26	Population Genetic Structure and Reproductive Strategy of the Introduced Grass <i>Centotheca lappacea</i> in Tropical Land-Use Systems in Sumatra. <i>PLoS ONE</i> , 2016, 11, e0147633.	2.5	0