

Ladislav Hodac

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,707
citations

623734

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h-index

580821

25
g-index

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all docs

29
docs citations

29
times ranked

3008
citing authors

#	ARTICLE	IF	CITATIONS
1	Untying Gordian knots: unraveling reticulate polyploid plant evolution by genomic data using the large <i>Ranunculus auricomus</i> species complex. <i>New Phytologist</i> , 2022, 235, 2081-2098.	7.3	19
2	Moving beyond assumptions: Polyploidy and environmental effects explain a geographical parthenogenesis scenario in European plants. <i>Molecular Ecology</i> , 2021, 30, 2659-2675.	3.9	19
3	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
4	Overlooked diversity with terrestrial lifestyle in the predominantly freshwater and snow phylogroup <i>Chloromonadina</i> (Volvocales, Chlorophyceae). <i>European Journal of Phycology</i> , 2020, 55, 207-222.	2.0	7
5	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
6	Phylogenomics supported by geometric morphometrics reveals delimitation of sexual species within the polyploid apomictic <i>Ranunculus auricomus</i> complex (Ranunculaceae). <i>Taxon</i> , 2020, 69, 1191-1220.	0.7	22
7	Phylogenomics unravels Quaternary vicariance and allopatric speciation patterns in temperate–montane plant species: A case study on the <i>Ranunculus auricomus</i> species complex. <i>Molecular Ecology</i> , 2020, 29, 2031-2049.	3.9	41
8	A little bit of sex prevents mutation accumulation even in apomictic polyploid plants. <i>BMC Evolutionary Biology</i> , 2019, 19, 170.	3.2	25
9	<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
10	Mendelian segregation of leaf phenotypes in experimental F2 hybrids elucidates origin of morphological diversity of the apomictic <i>Ranunculus auricomus</i> complex. <i>Taxon</i> , 2018, 67, 1082-1092.	0.7	15
11	<i>Chloromonas svalbardensis</i> n. sp. with Insights into the Phylogroup <i>Chloromonadina</i> (Chlorophyceae). <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 882-892.	1.7	8
12	<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
13	<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
14	Photoperiod Extension Enhances Sexual Megaspore Formation and Triggers Metabolic Reprogramming in Facultative Apomictic <i>Ranunculus auricomus</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 278.	3.6	75
15	Widespread green algae <i>Chlorella</i> and <i>Stichococcus</i> exhibit polar-temperate and tropical-temperate biogeography. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw122.	2.7	68
16	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
17	Diversity of Microscopic Green Algae (Chlorophyta) in Calcifying Biofilms of Two Karstic Streams in Germany. <i>Geomicrobiology Journal</i> , 2015, 32, 275-290.	2.0	21
18	Cyanobacteria and Diatoms in Biofilms of Two Karstic Streams in Germany and Changes of Their Communities Along Calcite Saturation Gradients. <i>Geomicrobiology Journal</i> , 2015, 32, 255-274.	2.0	17

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19	ITS Polymorphisms Shed Light on Hybrid Evolution in Apomictic Plants: A Case Study on the <i>Ranunculus auricomus</i> Complex. <i>PLoS ONE</i> , 2014, 9, e103003.	2.5	38
20	Interannual variation in land-use intensity enhances grassland multidiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 308-313.	7.1	243
21	Biodiversity of soil cyanobacteria in the hyperarid <i>A</i> - <i>D</i> esert, <i>C</i> -hile. <i>Journal of Phycology</i> , 2014, 50, 698-710.	2.3	81
22	Molecular Evidence for the Wide Distribution of Two Lineages of Terrestrial Green Algae (Chlorophyta) over Tropics to Temperate Zone. <i>ISRN Ecology</i> , 2012, 2012, 1-9.	1.0	12
23	JENUFA GEN. NOV.: A NEW GENUS OF COCCOID GREEN ALGAE (CHLOROPHYCEAE, INCERTAE SEDIS) PREVIOUSLY RECORDED BY ENVIRONMENTAL SEQUENCING1. <i>Journal of Phycology</i> , 2011, 47, 928-938.	2.3	41
24	Fatty acid profiles and their distribution patterns in microalgae: a comprehensive analysis of more than 2000 strains from the SAG culture collection. <i>BMC Plant Biology</i> , 2011, 11, 124.	3.6	400
25	Pyrosequencing-Based Assessment of Bacterial Community Structure Along Different Management Types in German Forest and Grassland Soils. <i>PLoS ONE</i> , 2011, 6, e17000.	2.5	480
26	Temperature-related phenotypic plasticity in the green microalga <i>Micrasterias rotata</i> . <i>Aquatic Microbial Ecology</i> , 2008, 51, 77-86.	1.8	33