

Thomas PrÄjschold

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,943
citations

236925

25
h-index

182427

51
g-index

52
all docs

52
docs citations

52
times ranked

2825
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproductive Isolation among Sympatric Cryptic Species in Marine Diatoms. <i>Protist</i> , 2007, 158, 193-207.	1.5	416
2	The genome of the polar eukaryotic microalga <i>Coccomyxa subellipsoidea</i> reveals traits of cold adaptation. <i>Genome Biology</i> , 2012, 13, R39.	9.6	289
3	Molecular Phylogeny and Taxonomic Revision of (Chlorophyta). I. Emendation of Ehrenberg and Gobi, and Description of gen. nov. and gen. nov.. <i>Protist</i> , 2001, 152, 265-300.	1.5	228
4	<i>Chloroidium</i> , a common terrestrial coccoid green alga previously assigned to <i>Chlorella</i> (Trebouxiophyceae, Chlorophyta). <i>European Journal of Phycology</i> , 2010, 45, 79-95.	2.0	166
5	Portrait of a Species. <i>Genetics</i> , 2005, 170, 1601-1610.	2.9	148
6	The systematics of <i>Zoochlorella</i> revisited employing an integrative approach. <i>Environmental Microbiology</i> , 2011, 13, 350-364.	3.8	147
7	Genotype versus Phenotype Variability in <i>Chlorella</i> and <i>Micractinium</i> (Chlorophyta). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 T</i>	1.5	137
8	Taxonomic reassessment of the genus <i>Chlorella</i> (Trebouxiophyceae) using molecular signatures (barcodes), including description of seven new species.. <i>Fottea</i> , 2011, 11, 293-312.	0.9	119
9	Evaluating the Species Boundaries of Green Microalgae (<i>Coccomyxa</i> , Trebouxiophyceae, Chlorophyta) Using Integrative Taxonomy and DNA Barcoding with Further Implications for the Species Identification in Environmental Samples. <i>PLoS ONE</i> , 2015, 10, e0127838.	2.5	115
10	Effect of external pH on the growth, photosynthesis and photosynthetic electron transport of <i>Chlamydomonas acidophila</i> Negoro, isolated from an extremely acidic lake (pH 2.6). <i>Plant, Cell and Environment</i> , 2005, 28, 1218-1229.	5.7	104
11	IDENTIFICATION OF A PSYCHROPHILIC GREEN ALGA FROM LAKE BONNEY ANTARCTICA:CHLAMYDOMONAS RAUDENSISSETTL. (UWO 241)CHLOROPHYCEAE. <i>Journal of Phycology</i> , 2004, 40, 1138-1148.	2.3	81
12	Generic and species concepts in <i>Microglena</i> (previously the <i>Chlamydomonas</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (m</i>	2.0	61
13	Two new <i>Dictyosphaerium</i> -morphotype lineages of the Chlorellaceae (Trebouxiophyceae): <i>Heynigia</i> gen. nov. and <i>Hindakia</i> gen. nov.. <i>European Journal of Phycology</i> , 2010, 45, 267-277.	2.0	56
14	Polyphyletic distribution of bristle formation in Chlorellaceae: <i>Micractinium</i> , <i>Diacanthos</i> , <i>Didymogenes</i> and <i>Hegewaldia</i> gen. nov. (Trebouxiophyceae, Chlorophyta). <i>Phycological Research</i> , 2010, 58, 1-8.	1.6	49
15	UPDATING THE GENUS DICTYOSPHAERIUM AND DESCRIPTION OF MUCIDOSPHAERIUM GEN. NOV. (TREBOUXIOPHYCEAE) BASED ON MORPHOLOGICAL AND MOLECULAR DATA1. <i>Journal of Phycology</i> , 2011, 47, 638-652.	2.3	49
16	POLYPHYLETIC ORIGIN OF THE <i>DICTYOSPHAERIUM</i> MORPHOTYPE WITHIN CHLORELLACEAE (TREBOUXIOPHYCEAE) ¹ . <i>Journal of Phycology</i> , 2010, 46, 559-563.	2.3	46
17	Phylogenetic relationship and divergence among planktonic strains of <i>Arthrospira</i> (Oscillatoriales, Cyanobacteria) of African, Asian and American origin deduced by 16S and 23S ITS and phycocyanin operon sequences. <i>Phycologia</i> , 2010, 49, 361-372.	1.4	45
18	MOLECULAR PHYLOGENY, ULTRASTRUCTURE, AND TAXONOMIC REVISION OF <i>CHLOROGONIUM</i> (CHLOROPHYTA): EMENDATION OF <i>CHLOROGONIUM</i> AND DESCRIPTION OF <i>GUNGNIR</i> GEN. NOV. AND <i>RUSALKA</i> GEN. NOV. ¹ . <i>Journal of Phycology</i> , 2008, 44, 751-760.	2.3	39

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19	The green puzzle <i>Stichococcus</i> (Trebouxiophyceae, Chlorophyta) revisited. Phytotaxa, 2020, 441, 113-142.	0.3	38
20	POLYPHYLY OF <i>CHAETOPHORA</i> AND <i>STIGEOCLONIUM</i> WITHIN THE CHAETOPHORALES (CHLOROPHYCEAE), REVEALED BY SEQUENCE COMPARISONS OF NUCLEAR-ENCODED SSU rRNA GENES. Journal of Phycology, 2011, 47, 164-177.	2.3	36
21	Species concept and nomenclatural changes within the genera <i>Elliptochloris</i> and <i>Pseudochlorella</i> (Trebouxiophyceae) based on an integrative approach. Journal of Phycology, 2016, 52, 1125-1145.	2.3	36
22	Are there any true marine <i>Chlorella</i> species? Molecular phylogenetic assessment and ecology of marine <i>Chlorella</i>-like organisms, including a description of <i>Droopiella</i> gen. nov.. Systematics and Biodiversity, 2019, 17, 811-829.	1.2	35
23	Species diversity in European <i>Haematococcus pluvialis</i> (Chlorophyceae, Volvocales). Phycologia, 2015, 54, 583-598.	1.4	32
24	Toward a monograph of non-marine Ulvophyceae using an integrative approach (Molecular phylogeny). Journal of Phycology, 2021, 57, 377-391.	0.5	32
25	The Culture Collection of Algae and Protozoa (CCAP): A biological resource for protistan genomics. Gene, 2007, 406, 51-57.	2.2	29
26	Chlamydomonas schloesseri sp. nov. (Chlamydomonadales, Chlorophyta) revealed by morphology, autolysin cross experiments, and multiple gene analyses. Phytotaxa, 2018, 362, 21.	0.3	29
27	Genotypic diversity of Dictyosphaerium-morphospecies (Chlorellaceae, Trebouxiophyceae) in African inland waters, including the description of four new genera.. Fottea, 2012, 12, 231-253.	0.9	26
28	Photosynthetic performance of different genotypes of the green alga Klebsormidium sp. (Streptophyta) isolated from biological soil crusts of the Alps. Algological Studies (Stuttgart), 2011, 125, 377-384.	0.0	25
29	An integrative approach sheds new light onto the systematics and ecology of the widespread ciliate genus Coleps (Ciliophora, Prostomeata). Scientific Reports, 2021, 11, 5916.	3.3	24
30	Genetic variability and taxonomic revision of the genus <i>Auxenochlorella</i> (Shihira et Krauss) Kalina et Puncocharova (Trebouxiophyceae, Chlorophyta). Journal of Phycology, 2015, 51, 394-400.	2.3	23
31	Unexpected cryptic species among streptophyte algae most distant to land plants. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20212168.	2.6	22
32	Conservation of microalgal type material: Approaches needed for 21st century science. Taxon, 2010, 59, 3-6.	0.7	20
33	Symbioses of the Green Algal Genera <i>Coccomyxa</i> and <i>Elliptochloris</i> (Trebouxiophyceae, Chlorophyta). Journal of Phycology, 2016, 52, 1146-1155.	0.3	19
34	The polyphasic approach revealed new species of Chloroidium (Trebouxiophyceae, Chlorophyta). Phytotaxa, 2018, 372, 51.	0.3	19
35	Intercontinental distribution of Plagiochila corrugata (Plagiochilaceae, Hepaticae) inferred from nrDNA ITS sequences and morphology. Botanical Journal of the Linnean Society, 2004, 146, 469-481.	1.6	18
36	Lake Ecosystem Robustness and Resilience Inferred from a Climate-Stressed Protistan Plankton Network. Microorganisms, 2021, 9, 549.	3.6	17

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37	Hidden genetic diversity in the green alga <i>Spirogyra</i> (Zygnematophyceae, Streptophyta). <i>BMC Evolutionary Biology</i> , 2012, 12, 77.	3.2	16
38	The genus <i>Jaagichlorella</i> Reisinger (Trebouxiophyceae, Chlorophyta) and its close relatives: an evolutionary puzzle. <i>Phytotaxa</i> , 2019, 388, 47.	0.3	15
39	<i>Micractinium tetrahymenae</i> (Trebouxiophyceae, Chlorophyta), a New Endosymbiont Isolated from Ciliates. <i>Diversity</i> , 2020, 12, 200.	1.7	15
40	Endosymbiotic Green Algae in <i>Paramecium bursaria</i> : A New Isolation Method and a Simple Diagnostic PCR Approach for the Identification. <i>Diversity</i> , 2020, 12, 240.	1.7	15
41	Reevaluation and discovery of new species of the rare genus <i>Watanabea</i> and establishment of <i>Massjukichlorella</i> gen. nov. (Trebouxiophyceae, Chlorophyta) using an integrative approach. <i>Journal of Phycology</i> , 2019, 55, 493-499.	2.3	14
42	(1768) Proposal to change the listed type of <i>Chlamydomonas</i> Ehrenb., nom. cons. (<i>Chlorophyta</i>). <i>Taxon</i> , 2007, 56, 595-596.	0.7	13
43	Aquatic food webs in deep temperate lakes: Key species establish through their autecological versatility. <i>Molecular Ecology</i> , 2021, 30, 1053-1071.	3.9	13
44	<i>Choricystis</i> and <i>Lewinosphaera</i> gen. nov. (Trebouxiophyceae Chlorophyta), two different green algal endosymbionts in freshwater sponges. <i>Symbiosis</i> , 2020, 82, 175-188.	2.3	12
45	Molecular Data Reveal a Cryptic Diversity in the Genus <i>Urotricha</i> (Alveolata, Ciliophora). <i>Frontiers in Microbiology</i> , 2021, 12, 787290.	3.5	12
46	<i>Desmochloris mollenhaueri</i> a new terrestrial ulvophycean alga from south-west African soils. (Molecular phylogeny and systematics of terrestrial Ulvophyceae I.). <i>Algological Studies (Stuttgart)</i>	0.0	0
47	<i>Pleurostrosarcina terriformae</i> , a new species of a rare desert trebouxiophycean alga discovered by an integrative approach. <i>Extremophiles</i> , 2019, 23, 573-586.	2.3	8
48	Algal Diversity in <i>Paramecium bursaria</i> : Species Identification, Detection of <i>Choricystis parasitica</i> , and Assessment of the Interaction Specificity. <i>Diversity</i> , 2020, 12, 287.	1.7	8
49	Description of <i>Limnomonas</i> gen. nov., <i>L. gaiensis</i> sp. nov. and <i>L. spitsbergensis</i> sp. nov. (Chlamydomonadales, Chlorophyta). <i>Diversity</i> , 2022, 14, 481.	1.7	6
50	Molecular Phylogeny of Unicellular Marine Coccoid Green Algae Revealed New Insights into the Systematics of the Ulvophyceae (Chlorophyta). <i>Microorganisms</i> , 2021, 9, 1586.	3.6	5
51	Widespread Occurrence of Two Planktonic Ciliate Species (<i>Urotricha</i> , Prostomatida) Originating from High Mountain Lakes. <i>Diversity</i> , 2022, 14, 362.	1.7	4
52	Epigenomic stability assessment during cryopreservation and physiology among various strains of <i>Chromochloris zofingiensis</i> (Chlorophyceae) and their genetic variability revealed by AFLP and MS-AFLP. <i>Journal of Applied Phycology</i> , 2021, 33, 2327-2340.	2.8	1