

Mariusz PeÅ,echaty

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

677
citations

623734

14
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580821

25
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40
all docs

40
docs citations

40
times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of <i>Nitellopsis obtusa</i> (Desv.) J. Groves, a regionally alien and invasive charophyte, on macrophyte diversity in the species native range. <i>Hydrobiologia</i> , 2022, 849, 63-76.	2.0	3
2	Overwintering of an endangered charophyte during milder winters in Central Europe enhances lake water quality. <i>Limnologia</i> , 2022, 92, 125944.	1.5	3
3	A winner or a loser in climate change? Modelling the past, current, and future potential distributions of a rare charophyte species. <i>Global Ecology and Conservation</i> , 2022, 34, e02038.	2.1	4
4	Seasonal deposition of authigenic calcite out of isotopic equilibrium with DIC and water, and implications for paleolimnological studies. <i>Journal of Paleolimnology</i> , 2021, 66, 41-53.	1.6	5
5	Preliminary evidence of an endangered species benefiting from moderate climate warming: A palaeolimnological study of the charophyte <i>Lychnothamnus barbatus</i> . <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2673-2689.	2.0	3
6	Stratification strength and light climate explain variation in chlorophyll <i>a</i> at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021, 66, 4314-4333.	3.1	19
7	Broad morphological and reproductive variability of the endangered macroalga <i>Lychnothamnus barbatus</i> in the depth gradient. <i>Aquatic Botany</i> , 2020, 165, 103239.	1.6	6
8	Heavy metals and ¹³⁷ Cs levels in macrophytes and temporal distribution in sediments – application for estuarine environment status assessment (Vistula Lagoon – southern Baltic). <i>Oceanological and Hydrobiological Studies</i> , 2020, 49, 68-80.	0.7	2
9	The recent deposition of laminated sediments in highly eutrophic Lake Kierskie, western Poland: 1-year pilot study of limnological monitoring and sediment traps. <i>Journal of Paleolimnology</i> , 2020, 63, 283-304.	1.6	21
10	Do charophytes influence biomass and species composition of phytoflagellates?. <i>Aquatic Botany</i> , 2020, 165, 103240.	1.6	4
11	Environmental factors responsible for the gyrogonite formation by an endangered macroalga, <i>Lychnothamnus barbatus</i> , a fertility indicator of past and present lacustrine ecosystems. <i>Limnologia</i> , 2019, 77, 125686.	1.5	11
12	Environmental factors driving the occurrence of the invasive cyanobacterium <i>Sphaerospermopsis aphanizomenoides</i> (Nostocales) in temperate lakes. <i>Science of the Total Environment</i> , 2019, 650, 1338-1347.	8.0	27
13	Effects of the environs of waterbodies on aquatic plants in oxbow lakes (habitat 3150). <i>Ecological Indicators</i> , 2019, 98, 736-742.	6.3	17
14	Oxygen stable isotope composition of carbonate encrustations of two modern, widely distributed, morphologically different charophyte species. <i>Hydrobiologia</i> , 2018, 809, 41-52.	2.0	5
15	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018, 10, 156.	3.4	159
16	Co-occurrence of the charophyte <i>Lychnothamnus barbatus</i> with higher trophic submerged macrophyte indicators. <i>Aquatic Botany</i> , 2018, 151, 51-55.	1.6	8
17	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , 2018, 5, 180226.	5.3	30
18	Ecology of charophytes – permanent pioneers and ecosystem engineers. <i>Perspectives in Phycology</i> , 2018, 5, 61-74.	1.9	24

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19	Overwintering and gyrogonite formation by the rare and endangered indicative macroalga <i>Lychnothamnus barbatus</i> (Meyen) Leonh. in eutrophic conditions. <i>Aquatic Botany</i> , 2017, 139, 19-24.	1.6	13
20	Inter- and intra-specific variability in $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values of freshwater gastropod shells from Lake Lednica, western Poland. <i>Acta Geologica Polonica</i> , 2017, 67, 441-458.	0.9	4
21	Dry weight and calcium carbonate encrustation of two morphologically different <i>Chara</i> species: a comparative study from different lakes. <i>Oceanological and Hydrobiological Studies</i> , 2016, 45, 377-387.	0.7	7
22	Factors influencing cyanobacteria community structure in <i>Chara</i> lakes. <i>Ecological Indicators</i> , 2016, 71, 477-490.	6.3	21
23	Depth-dependence and monthly variability of charophyte biomass production: consequences for the precipitation of calcium carbonate in a shallow <i>Chara</i> -lake. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22433-22442.	5.3	15
24	Discrepancies between the stable isotope compositions of water, macrophyte carbonates and organics, and mollusc shells in the littoral zone of a charophyte-dominated lake (Lake Lednica, Poland). <i>Journal of Great Lakes Research</i> , 2016, 42, 50-53.	1.4	10
25	New records of <i>Chara connivens</i> P. Salzmänn ex A. Braun 1835 – an extremely rare and protected species in Polish brackish waters. <i>Acta Societatis Botanicorum Poloniae</i> , 2015, 84, 143-146.	0.8	15
26	Within-sample variability of $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values of freshwater gastropod shells and the optimum number of shells to measure per sediment layer in the Paddenluch palaeolacustrine sequence, Germany. <i>Journal of Paleolimnology</i> , 2015, 54, 305-323.	1.6	8
27	Winter temperature and shifts in phytoplankton assemblages in a small <i>Chara</i> -lake. <i>Aquatic Botany</i> , 2015, 124, 10-18.	1.6	34
28	Differences in stable isotope compositions of freshwater snails from surface sediments of two Polish shallow lakes. <i>Limnologica</i> , 2015, 53, 95-105.	1.5	9
29	Site-dependent species composition, structure and environmental conditions of <i>Chara tomentosa</i> L. meadows, western Poland. <i>Aquatic Botany</i> , 2015, 120, 92-100.	1.6	18
30	Seasonality of Water Chemistry, Carbonate Production, and Biometric Features of Two Species of <i>Chara</i> in a Shallow Clear Water Lake. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	12
31	Carbon Dynamics in a Hardwater Lake: Effect of Charophyte Biomass on Carbonate Deposition. <i>Polish Journal of Ecology</i> , 2014, 62, 695-705.	0.2	15
32	Spatial structure of vegetation in a small charophyte dominated lake. <i>Biodiversity Research and Conservation</i> , 2013, 29, 97-104.	0.3	6
33	The significance of <i>Chara</i> vegetation in the precipitation of lacustrine calcium carbonate. <i>Sedimentology</i> , 2013, 60, 1017-1035.	3.1	70
34	Effects of grass carp introduction on macrophyte communities in a shallow lake. <i>Oceanological and Hydrobiological Studies</i> , 2012, 41, 35-40.	0.7	14
35	The use of morphometric characteristics in the identification of two morphologically similar charophytes: <i>Chara globularis</i> and <i>Chara virgata</i> . <i>Biologia (Poland)</i> , 2011, 66, 425-428.	1.5	4
36	The in situ influence of <i>Ceratophyllum demersum</i> on a phytoplankton assemblage. <i>Oceanological and Hydrobiological Studies</i> , 2010, 39, 95-101.	0.7	25

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37	Oospore dimensions and wall ornamentation in <i>Chara braunii</i> . <i>Biologia (Poland)</i> , 2008, 63, 457-460.	1.5	2
38	Interrelationships between macrophytes (including charophytes) and phytoplankton and the ecological state of lakes. <i>Ecohydrology and Hydrobiology</i> , 2006, 6, 79-88.	2.3	6
39	Horizontal distribution of phytoplankton as related to the spatial heterogeneity of a lake – a case study from two lakes of the Wielkopolski National Park (western Poland). <i>Hydrobiologia</i> , 2003, 510, 195-205.	2.0	9
40	Transformation and Simplification of Aquatic Vegetation Structure and Reoligotrophication of a Lake During the Last 40 Years. <i>Acta Societatis Botanicorum Poloniae</i> , 0, 90, .	0.8	5