

Jana Kvěderová;

List of Publications by Year in descending order

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39
papers

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758635

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#	ARTICLE	IF	CITATIONS
1	In situ response of <i>Nostoc commune</i> s.l. colonies to desiccation in Central Svalbard, Norwegian High Arctic. <i>Å. Fottea</i> , 2011, 11, 87-97.	0.4	47
2	The green alga <i>Dictyosphaerium chlorelloides</i> biomass and polysaccharides production determined using cultivation in crossed gradients of temperature and light. <i>Engineering in Life Sciences</i> , 2017, 17, 1030-1038.	2.0	44
3	Impact of warming on <i>Nostoc</i> colonies (Cyanobacteria) in a wet hummock meadow, Spitsbergen. <i>Polish Polar Research</i> , 2012, 33, 395-420.	0.9	35
4	Ecophysiology of Cyanobacteria in the Polar Regions. , 2019, , 277-302.		32
5	Growth characteristics of selected thermophilic strains of cyanobacteria using crossed gradients of temperature and light. <i>Biologia (Poland)</i> , 2013, 68, 830-837.	0.8	31
6	Photochemical Performance of the Acidophilic Red Alga <i>Cyanidium</i> sp. in a pH Gradient. <i>Origins of Life and Evolution of Biospheres</i> , 2012, 42, 223-234.	0.8	29
7	Nitrogen fixation and diurnal changes of photosynthetic activity in Arctic soil crusts at different development stage. <i>European Journal of Soil Biology</i> , 2017, 79, 21-30.	1.4	24
8	The effect of ampicillin plus streptomycin on growth and photosynthesis of two halotolerant chlorophyte algae. <i>Journal of Applied Phycology</i> , 2005, 17, 301-307.	1.5	22
9	Research on cryosestic communities in Svalbard: the snow algae of temporary snowfields in Petuniabukta, Central Svalbard. <i>Czech Polar Reports</i> , 2012, 2, 8-19.	0.2	20
10	Identity, ecology and ecophysiology of planktic green algae dominating in ice-covered lakes on James Ross Island (northeastern Antarctic Peninsula). <i>Extremophiles</i> , 2017, 21, 187-200.	0.9	17
11	The comparison of ecological characteristics of <i>Stichococcus</i> (Chlorophyta) strains isolated from polar and temperate regions. <i>Algological Studies</i> , 2005, 118, 127-140.	0.1	15
12	Estimation of growth and exopolysaccharide production by two soil cyanobacteria, <i>Scytonema tolypothrichoides</i> and <i>Tolypothrix bouteillei</i> as determined by cultivation in irradiance and temperature crossed gradients. <i>Engineering in Life Sciences</i> , 2019, 19, 184-195.	2.0	15
13	Rapid algal toxicity assay using variable chlorophyll fluorescence for <i>Chlorella kessleri</i> (chlorophyta). <i>Environmental Toxicology</i> , 2010, 25, 554-563.	2.1	14
14	Characterization of the Community of Snow Algae and Their Photochemical Performance <i>in situ</i> in the Giant Mountains, Czech Republic. <i>Arctic, Antarctic, and Alpine Research</i> , 2010, 42, 210-218.	0.4	13
15	Platinum Anniversary: Virus and Lichen Alga Together More than 70 Years. <i>PLoS ONE</i> , 2015, 10, e0120768.	1.1	10
16	The ice nucleation activity of extremophilic algae. <i>Cryo-Letters</i> , 2013, 34, 137-48.	0.1	9
17	Nutrient requirements of polar <i>Chlorella</i> -like species. <i>Czech Polar Reports</i> , 2011, 1, 1-10.	0.2	8
18	The cultivation of <i>Phaeodactylum tricornutum</i> in crossed gradients of temperature and light. <i>Algological Studies</i> , 2003, 110, 67-80.	0.1	7

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19	A Laboratory of Extremophiles: Iceland Coordination Action for Research Activities on Life in Extreme Environments (CAREX) Field Campaign. <i>Life</i> , 2013, 3, 211-233.	1.1	6
20	Standardized algal growth potential and/or algal primary production rates of maritime Antarctic stream waters (King George Island, South Shetlands). <i>Polar Research</i> , 2013, 32, 11191.	1.6	5
21	Response of short-term heat shock on photosynthetic activity of soil crust cyanobacteria. <i>Protoplasma</i> , 2020, 257, 61-73.	1.0	5
22	Ecophysiological Features of Polar Soil Unicellular Microalgae1. <i>Journal of Phycology</i> , 2020, 56, 481-495.	1.0	5
23	Annual Cycle of Mat-Forming Filamentous Alga <i>Tribonema cf. minus</i> (Stramenopiles, Xanthophyceae) in Hydro-terrestrial Habitats in the High Arctic Revealed By Multiparameter Fluorescent Staining. <i>Journal of Phycology</i> , 2021, 57, 780-796.	1.0	5
24	The first description of snow algae on Mount Olympus (Greece). <i>Nova Hedwigia</i> , 2016, 103, 457-473.	0.2	4
25	Ecophysiology of photosynthesis of <i>Vaucheria</i> sp. mats in a Svalbard tidal flat. <i>Polar Science</i> , 2019, 21, 172-185.	0.5	4
26	Perspectives of Low-Temperature Biomass Production of Polar Microalgae and Biotechnology Expansion into High Latitudes. , 2017, , 585-600.		4
27	Internal structure and photosynthetic performance of <i>Nostoc</i> sp. colonies in the high Arctic. <i>Acta Societatis Botanicorum Poloniae</i> , 2018, 87, .	0.8	3
28	Sample database of the Centre for Polar Ecology - Database design and data management. <i>Czech Polar Reports</i> , 2014, 4, 140-148.	0.2	2
29	Exploitation of databases in polar research - Data evaluation and outputs. <i>Czech Polar Reports</i> , 2015, 5, 143-159.	0.2	2
30	Photosynthetic activity of Arctic <i>Vaucheria</i> (Xanthophyceae) measured in microcosmos. <i>Czech Polar Reports</i> , 2017, 7, 52-61.	0.2	2
31	Biofilm. , 2015, , 275-277.		2
32	Life in a Hypervariable Environment. <i>Cellular Origin and Life in Extreme Habitats</i> , 2007, , 681-694.	0.3	1
33	<i>Cyanobacteria</i> . , 2011, , 394-397.		1
34	Biofilm. , 2011, , 170-171.		1
35	Adaptation/acclimatisation mechanisms of oxyphototrophic microorganisms and their relevance to astrobiology. , 2020, , 319-342.		0
36	<i>Cyanobacteria</i> . , 2014, , 1-7.		0

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37	Biofilm. , 2014, , 1-3.		0
38	Cyanobacteria. , 2015, , 590-595.		0
39	Photosynthesis ecophysiology of polar Vaucheria sp. " inter-annual comparison. Czech Polar Reports, 2019, 9, 141-151.	0.2	0