

Yevhen I Maltsev

List of Publications by Year in descending order

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52
papers

780
citations

759055

12
h-index

580701

25
g-index

53
all docs

53
docs citations

53
times ranked

613
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Light Conditions on Microalgae Growth and Content of Lipids, Carotenoids, and Fatty Acid Composition. <i>Biology</i> , 2021, 10, 1060.	1.3	113
2	Diat.barcode, an open-access curated barcode library for diatoms. <i>Scientific Reports</i> , 2019, 9, 15116.	1.6	103
3	Fucoxanthin production by heterokont microalgae. <i>Algal Research</i> , 2017, 24, 387-393.	2.4	88
4	Fatty acids of microalgae: diversity and applications. <i>Reviews in Environmental Science and Biotechnology</i> , 2021, 20, 515-547.	3.9	70
5	Description of a new diatom genus <i>Dorofeyukea</i> gen. nov. with remarks on phylogeny of the family Stauroneidaceae. <i>Journal of Phycology</i> , 2019, 55, 173-185.	1.0	43
6	Simultaneous increase in cellular content and volumetric concentration of lipids in <i>Bracteacoccus bullatus</i> cultivated at reduced nitrogen and phosphorus concentrations. <i>Journal of Applied Phycology</i> , 2018, 30, 2237-2246.	1.5	22
7	A New Species of Freshwater Algae <i>Nephrochlamys yushanlensis</i> sp. nov. (Selenastraceae). <i>Journal of Phycology</i> , 2021, 57, 606-618.	1.0	20
8	Fatty Acid Content and Profile of the Novel Strain of <i>Coccomyxa elongata</i> (Trebouxiophyceae). <i>Journal of Phycology</i> , 2019, 55, 1154-1165.	1.0	18
9	<i>Gogorevia</i> , a New Monoraphid Diatom Genus for <i>Achnanthes exigua</i> and Allied Taxa (Achnanthesiaceae) Described on the Basis of an Integrated Molecular and Morphological Approach. <i>Journal of Phycology</i> , 2020, 56, 1601-1613.	1.0	18
10	Description of a new species of soil algae, <i>Parietochloris grandis</i> sp. nov., and study of its fatty acid profiles under different culturing conditions. <i>Algal Research</i> , 2018, 33, 358-368.	2.4	17
11	Lipid accumulation by <i>Coelastrella multistriata</i> (Scenedesmaceae, Sphaeropleales) during nitrogen and phosphorus starvation. <i>Scientific Reports</i> , 2021, 11, 19818.	1.6	15
12	The influence of forest-forming tree species on diversity and spatial distribution of algae in forest litter. <i>Folia Oecologica</i> , 2018, 45, 72-81.	0.4	14
13	Specific features of algal communities in forest litter of forest biogeocenoses of the steppe zone. <i>Contemporary Problems of Ecology</i> , 2017, 10, 71-76.	0.3	13
14	Seasonal changes in the communities of microorganisms and algae in the litters of tree plantations in the steppe zone. <i>Eurasian Soil Science</i> , 2017, 50, 935-942.	0.5	13
15	<i>Placoneis cattiensis</i> sp. nov. – a new, diatom (Bacillariophyceae: Cymbellales) soil species from Cát Tiên National Park (Vietnam). <i>Phytotaxa</i> , 2020, 460, 237-248.	0.1	13
16	Diversity of cyanobacteria and algae in dependence to forest-forming tree species and properties rocks of dump. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 545-560.	1.8	12
17	Biogeography of the cosmopolitan terrestrial diatom <i>Hantzschia amphioxys</i> sensu lato based on molecular and morphological data. <i>Scientific Reports</i> , 2021, 11, 4266.	1.6	12
18	Use of soil biota in the assessment of the ecological potential of urban soils. <i>Biosystems Diversity</i> , 2017, 25, 257-262.	0.2	12

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19	Mayamaea vietnamica sp. nov.: a new, terrestrial diatom (Bacillariophyceae) species from Vietnam. <i>Algae</i> , 2020, 35, 325-335.	0.9	12
20	Analysis of a New Strain of <i>Pseudomuriella engadinensis</i> (Sphaeropleales, Chlorophyta) for Possible Use in Biotechnology. <i>Russian Journal of Plant Physiology</i> , 2019, 66, 609-617.	0.5	11
21	Biotechnological Potential of a New Strain of <i>Bracteacoccus bullatus</i> (Sphaeropleales, Chlorophyta) as a Promising Producer of Omega-6 Polyunsaturated Fatty Acids. <i>Russian Journal of Plant Physiology</i> , 2020, 67, 185-193.	0.5	11
22	Multi-Element Composition of Diatom <i>Chaetoceros</i> spp. from Natural Phytoplankton Assemblages of the Russian Arctic Seas. <i>Biology</i> , 2021, 10, 1009.	1.3	11
23	Three New Species of <i>Placoneis</i> Mereschkowsky (Bacillariophyceae: Cymbellales) with Comments on Cryptic Diversity in the <i>P. elginensis</i> Group. <i>Water (Switzerland)</i> , 2021, 13, 3276.	1.2	10
24	Morphological and molecular investigation of <i>Gomphonema longissimum</i> and related taxa from Malili lakes (Indonesia) with comments on diatom evolution in ancient lakes. <i>European Journal of Phycology</i> , 2020, 55, 147-161.	0.9	9
25	Soil Algae of the Oak Groves of the Steppe Zone of Ukraine. <i>International Journal on Algae</i> , 2017, 19, 215-226.	0.1	9
26	<i>Sellaphora balashovae</i> (Bacillariophyta), a new species from Siberian mountain Lake Frolikha (Baikal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	8
27	Preliminary molecular phylogeny of the diatom genus <i>Nupela</i> with the description of a new species and consideration of the interrelationships of taxa in the suborder Neidiineae D.G. Mann sensu E.J. Cox. <i>Fottea</i> , 2020, 20, 192-204.	0.4	8
28	Post-pyrogenic changes in vegetation cover and biological soil crust in steppe ecosystems. <i>Regulatory Mechanisms in Biosystems</i> , 2018, 8, 633-638.	0.5	7
29	New <i>Hannaea</i> Patrick (Fragilariaceae, Bacillariophyta) Species from Asia, with Comments on the Biogeography of the Genus. <i>Cryptogamie, Algologie</i> , 2019, 40, 41.	0.3	7
30	Differential Zn and Mn sensitivity of microalgae species from genera <i>Bracteacoccus</i> and <i>Lobosphaera</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 57412-57423.	2.7	6
31	Growth of <i>Porphyridium purpureum</i> (Porphyridiales, Rhodophyta) and Production of B-Phycoerythrin under Varying Illumination. <i>Russian Journal of Plant Physiology</i> , 2021, 68, 188-196.	0.5	6
32	<i>Achnantheidium tinea</i> sp. nov. – a new monoraphid diatom (Bacillariophyceae) species, described on the basis of molecular and morphological approaches. <i>PhytoKeys</i> , 2021, 174, 147-163.	0.4	5
33	New finding of green algae with potential for algal biotechnology, <i>Chlorococcum oleofaciens</i> and its molecular investigation. <i>Regulatory Mechanisms in Biosystems</i> , 2018, 8, 532-539.	0.5	5
34	<i>Cymbopleura natellia</i> – a new species from Transbaikal area (Russia, Siberia) described on the basis of molecular and morphological investigation. <i>PhytoKeys</i> , 2021, 183, 95-105.	0.4	5
35	Diversity of Cyanoprokaryota in sandy habitats in Pryazov National Natural Park (Ukraine). <i>Ukrainian Journal of Ecology</i> , 2017, 7, 91-95.	0.5	5
36	Diversity of Cyanobacteria and Algae During Primary Succession in Iron Ore Tailing Dumps. <i>Microbial Ecology</i> , 2022, 83, 408-423.	1.4	4

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37	Description of <i>Desmonostoc caucasicum</i> sp. nov. (Cyanobacteria) using an integrative taxonomic approach. <i>Phycologia</i> , 2022, 61, 514-527.	0.6	4
38	A new species of the previously monotypic genus <i>Iningainema</i> (Cyanobacteria, Scytonemataceae) from the Western Ghats, India. <i>European Journal of Phycology</i> , 2021, 56, 348-358.	0.9	3
39	Ecology of soil algae cenoses in Norway maple plantation in the recultivated territory of the Western Donbas (Ukraine). <i>Ukrainian Journal of Ecology</i> , 2018, 8, 865-872.	0.5	3
40	<i>Achnantheidium gladius</i> sp. nov. (Bacillariophyceae) – a new monoraphid diatom species from Indonesia. <i>PhytoKeys</i> , 2021, 187, 129-140.	0.4	3
41	A new monoraphid diatom species from the genus <i>Karayevia</i> sensu lato (Bacillariophyceae): <i>Tj ETQq1 1 0.784314 rgBT₃/Overlook</i>	0.5	3
42	<i>Nostoc linckia</i> (Bornet ex Bornet et Flahault, 1886) (Nostocales: Cyanobacteria) from the Sea of Azov: Morphology and Molecular Investigation of Toxigenicity. <i>Russian Journal of Marine Biology</i> , 2020, 46, 119-128.	0.2	2
43	Description of <i>Aneumastus mongolotusculus</i> sp. nov. (Bacillariophyceae, Mastogloiales) from Lake Hovsgol (Mongolia) on the basis of molecular and morphological investigations. <i>Nova Hedwigia</i> , 2019, 148, 21-33.	0.2	2
44	Anthropogenic transformation of the flora of urbanoecosystems of the Northern Pryazov territories. <i>Biosystems Diversity</i> , 2017, 25, 222-227.	0.2	2
45	Composition and structure algal community of the <i>ĐiÁjt TiAn National Park, Southern Vietnam (first data). Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2021, , 78-85.</i>	0.1	1
46	Soil diatom from Cat Tien National Park: first data. <i>Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2021, , 300-302.</i>	0.1	1
47	Phylogeny and morphology of some species from the genus <i>Gomphonema</i> Ehrenberg. <i>Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2019, , 181-183.</i>	0.1	0
48	Fatty acid composition of the strain <i>Nitzschia</i> sp. isolated from the meromictic Lake Shira. <i>Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2019, , 300-302.</i>	0.1	0
49	The use of diatoms to improve the efficiency of feed for aquaculture. <i>Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2019, , 303-307.</i>	0.1	0
50	To the creation of diatom system on the basis of molecular and morphological data. <i>Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2019, , 184-186.</i>	0.1	0
51	The effect of phosphorus starvation on the fatty acid composition of <i>Visheria</i> strains. <i>Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2021, , 159-163.</i>	0.1	0
52	Application of the ITS secondary structure in the identification of <i>Nostoc</i> species. <i>Issues of Modern Algology (Đ'Đ³⁴Đ;Ñ€Đ³⁴ÑÑ; ÑĐ³⁴Đ²Ñ€ĐµĐ¹⁴ĐµĐ¹⁄²Đ¹⁄²Đ³⁴Đ¹ Đ°Đ»Ñ€Đ³⁴Đ»Đ³⁴Đ³Đ,Đ), 2021, , 155-158.</i>	0.1	0