

Zlatko Levkov

List of Publications by Year in descending order

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76
papers

1,212
citations

430874

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76
docs citations

76
times ranked

1483
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics, Main Impacts, and Stewardship of Natural and Artificial Freshwater Environments: Consequences for Biodiversity Conservation. <i>Water (Switzerland)</i> , 2020, 12, 260.	2.7	117
2	Mediterranean winter rainfall in phase with African monsoons during the past 1.36 million years. <i>Nature</i> , 2019, 573, 256-260.	27.8	111
3	An integrated approach to watershed management within the DPSIR framework: Axios River catchment and Thermaikos Gulf. <i>Regional Environmental Change</i> , 2005, 5, 138-160.	2.9	82
4	Diatoms in forensic expertise of drowning—a Macedonian experience. <i>Forensic Science International</i> , 2002, 127, 198-203.	2.2	76
5	The last glacial-interglacial cycle in Lake Ohrid (Macedonia/Albania): testing diatom response to climate. <i>Biogeosciences</i> , 2010, 7, 3083-3094.	3.3	43
6	The environmental and evolutionary history of Lake Ohrid (FYROM/Albania): interim results from the SCOPSCO deep drilling project. <i>Biogeosciences</i> , 2017, 14, 2033-2054.	3.3	43
7	Checklist of diatoms (Bacillariophyta) from Lake Ohrid and Lake Prespa (Macedonia), and their watersheds. <i>Phytotaxa</i> , 2012, 45, 1-76.	0.3	36
8	Lateglacial and Holocene climate and environmental change in the northeastern Mediterranean region: diatom evidence from Lake Dojran (Republic of Macedonia/Greece). <i>Quaternary Science Reviews</i> , 2014, 103, 51-66.	3.0	35
9	Scientific drilling projects in ancient lakes: Integrating geological and biological histories. <i>Global and Planetary Change</i> , 2016, 143, 118-151.	3.5	33
10	Late Glacial to Holocene climate change and human impact in the Mediterranean: The last ca. 17ka diatom record of Lake Prespa (Macedonia/Albania/Greece). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 406, 22-32.	2.3	30
11	Differential resilience of ancient sister lakes Ohrid and Prespa to environmental disturbances during the Late Pleistocene. <i>Biogeosciences</i> , 2016, 13, 1149-1161.	3.3	30
12	Diversity and distribution of taxa in the genus <i>Eunotia</i> Ehrenberg (Bacillariophyta) in Macedonia. <i>Phytotaxa</i> , 2013, 86, 1.	0.3	28
13	Management of nutrient emissions of Axios River catchment: Their effect in the coastal zone of Thermaikos Gulf, Greece. <i>Ecological Modelling</i> , 2009, 220, 383-396.	2.5	26
14	Fifteen new diatom (Bacillariophyta) species from Lake Ohrid, Macedonia. <i>Phytotaxa</i> , 2015, 30, 1.	0.3	26
15	Deep drilling reveals massive shifts in evolutionary dynamics after formation of ancient ecosystem. <i>Science Advances</i> , 2020, 6, .	10.3	23
16	Observations on <i>Hippodonta</i> (Bacillariophyceae) in selected ancient lakes. <i>Phytotaxa</i> , 2013, 90, 1.	0.3	20
17	Quaternary climate change and Heinrich events in the southern Balkans: Lake Prespa diatom palaeolimnology from the last interglacial to present. <i>Journal of Paleolimnology</i> , 2015, 53, 215-231.	1.6	20
18	Observations of the genus <i>Cyclotella</i> (Kützing) Brübisson in ancient lakes Ohrid and Prespa and a description of two new species <i>C. paraocellata</i> sp. nov. and <i>C. Nova</i> Hedwigia, 2014, 98, 313-340.	0.4	19

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19	Four new Lenticular taxa (Bacillariophyta) from Maritime Antarctica. <i>Phytotaxa</i> , 2014, 170, 155.	0.3	19
20	New Eunotiataxa in core samples from Lake Panch Pokhari in the Nepalese Himalaya. <i>Diatom Research</i> , 2013, 28, 203-217.	1.2	18
21	More Than One Million Years of History in Lake Ohrid Cores. <i>Eos</i> , 2014, 95, 25-26.	0.1	18
22	Ecosystem regimes and responses in a coupled ancient lake system from MIS 5b to present: the diatom record of lakes Ohrid and Prespa. <i>Biogeosciences</i> , 2016, 13, 3147-3162.	3.3	18
23	Diatoms do radiate: evidence for a freshwater species flock. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1969-1975.	1.7	18
24	A taxonomical study of <i>Rhoicosphenia</i> Grunow (Bacillariophyceae) with a key for identification of selected taxa. <i>Fottea</i> , 2010, 10, 145-200.	0.9	18
25	Diatom assemblages on Shara and Nidze Mountains, Macedonia. <i>Nova Hedwigia</i> , 2005, 81, 501-538.	0.4	17
26	Spatial patterns of diatom diversity and community structure in ancient Lake Ohrid. <i>Hydrobiologia</i> , 2018, 819, 197-215.	2.0	16
27	Revision of the genus <i>Halamphora</i> (Bacillariophyta) in the Antarctic Region. <i>Plant Ecology and Evolution</i> , 2014, 147, 374-391.	0.7	15
28	Observation on <i>Achnanthes</i> Bory sensu stricto (Bacillariophyceae) from subaerial habitats in Macedonia and comparison with the type material of <i>A. coarctata</i> (Br��bisson ex W. Smith) Grunow, <i>A. coarctata</i> var. <i>sinaensis</i> Hustedt and <i>A. intermedia</i> K��tzing. <i>Fottea</i> , 2014, 14, 15-42.	0.9	14
29	A comparative study of <i>Reimeria</i> species (Bacillariophyceae). <i>Nova Hedwigia</i> , 2010, 90, 469-489.	0.4	12
30	NEW SPECIES AND COMBINATION FROM THE GENUS <i>SELLAPHORAMERESCHKOWSKY</i> FROM MACEDONIA. <i>Diatom Research</i> , 2006, 21, 297-312.	1.2	11
31	<i>Lenticular grupcei</i> (Bacillariophyceae) - a new freshwater diatom from Mountain Baba (Macedonia) and Great Smoky Mountains National Park (U.S.A.): comparison with the type material of <i>L. goeppertiana</i> (Bleisch) D.G. Mann. <i>Nova Hedwigia</i> , 2009, 89, 147-164.	0.4	11
32	Observations of the genus <i>Diploneis</i> from Lake Ohrid, Macedonia. <i>Diatom Research</i> , 2013, 28, 237-262.	1.2	11
33	<i>RHOICOSPHENIA TENUIS</i> , A NEW DIATOM SPECIES FROM LAKE OHRID. <i>Diatom Research</i> , 2008, 23, 377-388.	1.2	10
34	Reinvestigation of the type material for <i>Odontidium hyemale</i> (Roth) K��tzing and related species, with description of four new species in the genus <i>Odontidium</i> (Fragilariaceae, Bacillariophyta). <i>Phytotaxa</i> , 2015, 234, 1.	0.3	10
35	Complexity of diatom response to Lateglacial and Holocene climate and environmental change in ancient, deep and oligotrophic Lake Ohrid (Macedonia and Albania). <i>Biogeosciences</i> , 2016, 13, 1351-1365.	3.3	10
36	TWO NEW SPECIES OF <i>DIATOMA</i> FROM LAKES OHRID AND PRESPA, MACEDONIA. <i>Diatom Research</i> , 2006, 21, 281-296.	1.2	9

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37	Morphology and ultrastructure of <i>Hippodonta qinghaiensis</i> sp. nov. (Bacillariophyceae), a new diatom from Lake Qinghai, China. <i>Phytotaxa</i> , 2014, 186, .	0.3	9
38	Freshwater <i>Mastogloia</i> (Bacillariophyceae) taxa from Macedonia, with a description of the epizoic <i>M. Asterijovskii</i> sp. nov.. <i>Diatom Research</i> , 2016, 31, 85-112.	1.2	9
39	Typification of two species of <i>Luticola</i> (Bacillariophyta) from aerophilic habitats of the Western Ghats, India. <i>Phytotaxa</i> , 2017, 298, 29.	0.3	9
40	The genus <i>Gomphonema</i> (Bacillariophyta) in Rara Lake, Nepal: taxonomy, morphology, habitat distribution and description of five new species, and a new record for <i>Gomphoneis qii</i> . <i>Diatom Research</i> , 2018, 33, 283-320.	1.2	9
41	Selecting appropriate bioindicators regarding Water Framework Directive guidelines for freshwaters -a Macedonian experience. <i>International Journal on Algae</i> , 2007, 9, 41-63.	0.3	9
42	The genus <i>Odontidium</i> (Bacillariophyta) in the Himalaya—a preliminary account of some taxa and their distribution. <i>Phytotaxa</i> , 2017, 332, 1.	0.3	8
43	Diatom eDNA metabarcoding and morphological methods for bioassessment of karstic river. <i>Science of the Total Environment</i> , 2022, 829, 154536.	8.0	8
44	AN EMENDED DESCRIPTION OF <i>DECUSSATA</i> (PATRICK) LANGE-BERTALOT & METZELTIN THAT INCLUDES PROTOPLAST ORGANIZATION AND DETAILED VALVE AND CINGULUM ULTRASTRUCTURE. <i>Diatom Research</i> , 2006, 21, 269-280.	1.2	6
45	Ecology of benthic diatoms from Lake Macro Prespa (Macedonia). <i>Algological Studies (Stuttgart)</i> , 2014, 144, 1-14.	0.4	6
46	The genus <i>Diploneis</i> Ehrenberg ex Cleve (Bacillariophyta) from Lake Hovsgöl, Mongolia. <i>Phytotaxa</i> , 2015, 217, 201.	0.3	6
47	Drivers of phytoplankton community structure change with ecosystem ontogeny during the Quaternary. <i>Quaternary Science Reviews</i> , 2021, 265, 107046.	3.0	6
48	Environmental filtering drives assembly of diatom communities over evolutionary time scales. <i>Global Ecology and Biogeography</i> , 2022, 31, 954-967.	5.8	6
49	Identity and typification of <i>Navicula hasta</i> (Bacillariophyceae). <i>Phycological Research</i> , 2008, 56, 46-57.	1.6	5
50	The biogeographic distribution of <i>Cavinula</i> (Bacillariophyceae) in North America with the descriptions of two new species. <i>Phytotaxa</i> , 2014, 184, 181.	0.3	5
51	<i>Halamphora daochengensis</i> sp. nov., a new freshwater diatom species (Bacillariophyceae) from a small mountain lake, Sichuan Province, China. <i>Phytotaxa</i> , 2019, 404, 12.	0.3	5
52	Morphological observations and emended description of <i>Amphora micrometra</i> from the Bolivian Altiplano, South America. <i>Diatom Research</i> , 2011, 26, 199-212.	1.2	4
53	Asymmetry in <i>Luticola</i> species. <i>Diatom Research</i> , 2019, 34, 67-74.	1.2	4
54	New <i>Amphora</i> and <i>Halamphora</i> (Bacillariophyta) species from springs in the northern Apennines (Emilia-Romagna, Italy). <i>Plant Ecology and Evolution</i> , 2019, 152, 285-292.	0.7	4

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55	<i>Cymbopleura amicula</i> stat nov. et. nom. nov. (Bacillariophyceae) – a rare diatom species from a karst river in Croatia. <i>Phytotaxa</i> , 2022, 532, 139-151.	0.3	4
56	Identity and typification of <i>Diploneis ostracodarum</i> , <i>Diploneis budayana</i> and <i>Diploneis praeclara</i> (Bacillariophyta). <i>Phytotaxa</i> , 2013, 137, 15.	0.3	3
57	<i>Surirella subrotunda</i> sp. nov. and <i>Surirella parahelvetica</i> sp. nov., two new diatom (Bacillariophyta) species from Lake Prespa, Macedonia. <i>Phytotaxa</i> , 2014, 156, 145.	0.3	3
58	<i>Fragilaria subrecapitellata</i> (<i>Fragilariaceae</i> , Bacillariophyta), a new diatom species from Switzerland. <i>Diatom Research</i> , 2021, 36, 119-131.	1.2	3
59	The genus <i>Navicula</i> (Bacillariophyceae, Naviculaceae) from the valley of the Adegoy River (Krasnodar Territory, Russia) and description of two new species. <i>Phytotaxa</i> , 2021, 494, 208-218.	0.3	3
60	Two new <i>Gomphonema</i> Ehrenberg (Bacillariophyceae) species from Macedonia and comparison with type material of <i>G. brebissonii</i> Kützing.. <i>Fottea</i> , 2014, 14, 149-160.	0.9	3
61	Two new <i>Tertiarius</i> (Bacillariophyta, Coscinodiscophyceae) species from Mariovo Neogene Basin, Macedonia. <i>Fottea</i> , 2015, 15, 51-62.	0.9	3
62	<i>Pinnularia baetica</i> sp. nov. (Bacillariophyceae): Comparison with other panduriform species in the Mediterranean area. <i>Phytotaxa</i> , 2020, 435, 85-100.	0.3	3
63	Artificial sandpit lake as a habitat of brackish diatom species. <i>Botany Letters</i> , 2022, 169, 360-369.	1.4	3
64	<i>Neidiopsis borealis</i> sp. nov., a new diatom species from the mountain Shar Planina, Republic of North Macedonia. <i>Phytotaxa</i> , 2019, 402, 21.	0.3	2
65	<i>Sellaphora pelagonica</i> (Bacillariophyceae), a new species from dystrophic ponds in the Republic of North Macedonia. <i>Phytotaxa</i> , 2021, 496, 121-133.	0.3	2
66	Two new fossil <i>Cyclotella</i> (Kützing) Brübisson species from Lake Ohrid, Macedonia/Albania. <i>Fottea</i> , 2016, 16, 218-233.	0.9	2
67	Diatom community responses to environmental change in Lake Ohrid (Balkan Peninsula) during the mid-Pleistocene Transition. <i>Quaternary International</i> , 2022, 622, 1-9.	1.5	2
68	Description of a new fossil diatom genus, <i>Cribrionella</i> gen. nov. (Bacillariophyta) from Quaternary sediments of Lake Ohrid. <i>Phytotaxa</i> , 2016, 252, 31.	0.3	1
69	<i>Tetramphora croatica</i> sp. nov. – A new brackish-water species from Lake Vransko, Croatia. <i>Phytotaxa</i> , 2019, 401, 276.	0.3	1
70	Limnological Characterization of Three Tropical Crater Lakes in the Archipelago of Samoa (Lanotoo, Tj ETQq0 0,0 rgt /Oyerlock 10	0,6	1
71	<i>Surirella prespanensis</i> sp. nov. and <i>Surirella hinziae</i> sp. nov., two new diatom (Bacillariophyceae) species from ancient Lake Prespa (Macedonia/Albania/Greece). <i>Fottea</i> , 2015, 15, 179-189.	0.9	1
72	Observations of the genus <i>Muelleria</i> (Bacillariophyceae) from the Republic of North Macedonia. <i>Plant Ecology and Evolution</i> , 2019, 152, 293-312.	0.7	1

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73	<i>Halamphora saxonica</i> sp. nov. (Bacillariophyceae) from lakes in lignite-mining area in Saxony, Germany. <i>Nova Hedwigia</i> , 2014, 99, 213-222.	0.4	0
74	<i>Diploneis transylvanica</i> (Bacillariophyceae), a new diatom species from the Neogene fossil deposit in Romania. <i>Nova Hedwigia</i> , 2014, 99, 413-427.	0.4	0
75	<i>Tertiarius minutulus</i> sp. nov. (Stephanodiscaceae, Bacillariophyta) – a new fossil diatom species from Lake Ohrid. <i>European Journal of Taxonomy</i> , 2020, , .	0.6	0
76	<i>Envekadea vranaensis</i> sp. nov. a new diatom species (Bacillariophyta) from the lacustrine Holocene sediments of Lake Vrana, Croatia. <i>Nova Hedwigia</i> , 2020, 110, 1-19.	0.4	0