BalÃ¡zs AndrÃ¡s LukÃ¡cs

List of Publications by Year
in descending order

52 papers	2,225 citations	361413 20 h-index	243625 44 g-index
54 all docs	54 docs citations	54 times ranked	4502 citing authors

#	Article	IF	Citations
1	Estimating nutrient thresholds for eutrophication management: Novel insights from understudied lake types. Science of the Total Environment, 2022, 827, 154242.	8.0	27
2	Distance decay 2.0 â€“ A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	5.8	40
3	New data of plant leaf traits from Central Europe. Data in Brief, 2022, 42, 108286.	1.0	6
4	Optimal pooling of data for the reliable estimation of trait probability distributions. Global Ecology and Biogeography, 2021, 30, 1344-1352.	5.8	2
5	NÃ¶vÃ©nyi jellegek Ã©s alkalmazÃ¡suk nÃ¶vÃ©nyÃ¶kolÃ³giai kutatÃ¡sokban I.: TÃ¶rtÃ©neti Ã¡ttekintÃ©s, jelleg tÃ¡pusok, mÃ³dszertan Ã©s adatbÃ¡zisok. Kitaibelia, 2021, 20, 286-299.	0.1	0
6	PÃ³tlÃ¡sok a MagyarorszÃ¡g edÃ©nyes nÃ¶vÃ©nyfajainak elterjedÃ©si atlaszÃ¡hoz I.. Kitaibelia, 2021, 21, .	0.1	1
7	Adatok a szÃnes bÃ©kaszÅ‘lÅ‘ (Potamogeton coloratus) hazai elÅ‘fordulÃ¡sÃ¡hoz. Kitaibelia, 2021, 22, .	0.1	0
8	Florisztikai adatok a TiszÃ¡ntÃºl kÃ¶zÃ©psÅ‘ rÃ©szÃ©rÅ‘l. Kitaibelia, 2021, 22, .	0.1	0
9	Functional Traits Drive Dispersal Interactions Between European Waterfowl and Seeds. Frontiers in Plant Science, 2021, 12, 795288.	3.6	10
10	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
11	Trait convergence and trait divergence in lake phytoplankton reflect community assembly rules. Scientific Reports, 2020, 10, 19599.	3.3	15
12	Elements of lake macrophyte metacommunity structure: Global variation and communityâ€environment relationships. Limnology and Oceanography, 2020, 65, 2883-2895.	3.1	16
13	The protected flora of longâ€established cemeteries in Hungary: Using historical maps in biodiversity conservation. Ecology and Evolution, 2020, 10, 7497-7508.	1.9	7
14	Leaf trait records of vascular plant species in the Pannonian flora with special focus on endemics and rarities. Folia Geobotanica, 2020, 55, 73-79.	0.9	11
15	Experimental evidence of dispersal of invasive cyprinid eggs inside migratory waterfowl. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15397-15399.	7.1	38
16	Global patterns and determinants of lake macrophyte taxonomic, functional and phylogenetic beta diversity. Science of the Total Environment, 2020, 723, 138021.	8.0	38
17	Characterizing surrogacy performance in the systematic conservation planning of riverine networks. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 246-259.	2.0	0
18	TheÂdecline and recovery of populations of Potamogeton coloratus in Hungary. Preslia, 2020, 92, 73-86.	2.8	2

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19	Biological flora of Central Europe Himantoglossum adriaticum H. Baumann. Perspectives in Plant Ecology, Evolution and Systematics, 2019, 40, 125461.	2.7	7
20	World distribution, diversity and endemism of aquatic macrophytes. Aquatic Botany, 2019, 158, 103127.	1.6	93
21	Carbon forms, nutrients and water velocity filter hydrophyte and riverbank species differently: A traitâ€based study. Journal of Vegetation Science, 2019, 30, 471-484.	2.2	10
22	Is Nymphaea lotus var. thermalis a Tertiary relict in Europe?. Aquatic Botany, 2019, 155, 1-4.	1.6	4
23	Phenotypic plasticity as a clue for invasion success of the submerged aquatic plant Elodea nuttallii. Plant Biology, 2019, 21, 54-63.	3.8	23
24	The Ecophysiological Response of Two Invasive Submerged Plants to Light and Nitrogen. Frontiers in Plant Science, 2019, 10, 1747.	3.6	9
25	Taxonomical and chorological notes 10 (98â€“110). Studia Botanica Hungarica, 2019, 50, 391-407.	0.2	3
26	From European priority species to characteristic apophyte: Epipactis tallosii (Orchidaceae). Willdenowia, 2019, 49, 401.	0.8	8
27	Does isolation influence the relative role of environmental and dispersalâ€related processes in stream networks? An empirical test of the network position hypothesis using multiple taxa. Freshwater Biology, 2018, 63, 74-85.	2.4	96
28	Global patterns in the metacommunity structuring of lake macrophytes: regional variations and driving factors. Oecologia, 2018, 188, 1167-1182.	2.0	55
29	Dynamics in the effects of the speciesâ€“area relationship versus local environmental factors in bomb crater ponds. Hydrobiologia, 2018, 823, 27-38.	2.0	2
30	Resurrection and typification of Elatine campylosperma (Elatinaceae), a long-forgotten waterwort species. PeerJ, 2018, 6, e4913.	2.0	1
31	Growthâ€form and spatiality driving the functional difference of native and alien aquatic plants in Europe. Ecology and Evolution, 2017, 7, 950-963.	1.9	35
32	Global variation in the beta diversity of lake macrophytes is driven by environmental heterogeneity rather than latitude. Journal of Biogeography, 2017, 44, 1758-1769.	3.0	127
33	The rare aquatic angiosperm Elatine gussonei (Elatinaceae) is more widely distributed than previously thought. Aquatic Botany, 2017, 141, 47-50.	1.6	4
34	Phytoplankton of rhithral rivers: Its origin, diversity and possible use for quality-assessment. Ecological Indicators, 2017, 81, 587-596.	6.3	27
35	Changes in sediment seedâ€bank composition of invaded macrophyte communities in a thermal river. Freshwater Biology, 2017, 62, 1024-1035.	2.4	8
36	The occurrence of Spiraea crenata and other rare steppe plants in Pannonian graveyards. Biologia (Poland), 2017, 72, 500-509.	1.5	15

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37	Alien aquatic vascular plants in Hungary (Pannonian ecoregion): Historical aspects, data set and trends. Plant Biosystems, 2016, 150, 388-395.	1.6	32
38	Molecular phylogenetics, seed morphometrics, chromosome number evolution and systematics of EuropeanElatineL. (Elatinaceae) species. PeerJ, 2016, 4, e2800.	2.0	10
39	Diatom composition of the rheoplankton in a rhithral river system. Acta Botanica Croatica, 2015, 74, 303-316.	0.7	6
40	Factors affecting reproductive success in three entomophilous orchid species in Hungary. Acta Biologica Hungarica, 2015, 66, 231-241.	0.7	4
41	Macrophyte diversity of lakes in the Pannon Ecoregion (Hungary). Limnologica, 2015, 53, 74-83.	1.5	29
42	Distribution, morphology and habitats ofElatine triandra(Elatinaceae) in Europe, with particular reference to the central part of the continent. Acta Botanica Gallica, 2015, 162, 325-337.	0.9	4
43	Flood induced phenotypic plasticity in amphibious genusElatine(Elatinaceae). PeerJ, 2015, 3, e1473.	2.0	19
44	Environmental factors driving seed bank diversity in alkali grasslands. Agriculture, Ecosystems and Environment, 2014, 182, 80-87.	5.3	59
45	Elatine gussonei(Sommier) Brullo et al. (Elatinaceae) in Sicily. Plant Biosystems, 2014, 148, 27-30.	1.6	13
46	Phytoplankton-based shallow lake types in the Carpathian basin: steps towards a bottom-up typology. Fundamental and Applied Limnology, 2014, 184, 23-34.	0.7	13
47	Plant diversity and conservation value of continental temporary pools. Biological Conservation, 2013, 158, 393-400.	4.1	57
48	Which factors affect phytoplankton biomass in shallow eutrophic lakes?. Hydrobiologia, 2013, 714, 93-104.	2.0	40
49	Functional groups of phytoplankton shaping diversity of shallow lake ecosystems. Hydrobiologia, 2012, 698, 251-262.	2.0	56
50	Small scale macrophyte-environment relationship in an oxbow-lake of the Upper-Tisza valley (Hungary). Community Ecology, 2011, 12, 259-263.	0.9	7
51	Lucerneâ€dominated fields recover native grass diversity without intensive management actions. Journal of Applied Ecology, 2011, 48, 257-264.	4.0	65
52	Aquatic macrophytes as bioindicators of water chemistry in nutrient rich backwaters along the Upper-Tisza river (in Hungary). Phytocoenologia, 2009, 39, 287-293.	0.5	26