ZoltÃ¡n Csabai

List of Publications by Year
in descending order

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41	1,177	759233 12	477307 29
papers	citations	h-index	g-index

43	43	43	1588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA barcode reference libraries for the monitoring of aquatic biota in Europe: Gap-analysis and recommendations for future work. Science of the Total Environment, 2019, 678, 499-524.	8.0	336
2	DNAqua-Net: Developing new genetic tools for bioassessment and monitoring of aquatic ecosystems in Europe. Research Ideas and Outcomes, 0, 2, e11321.	1.0	154
3	Biomonitoring of intermittent rivers and ephemeral streams in Europe: Current practice and priorities to enhance ecological status assessments. Science of the Total Environment, 2018, 618, 1096-1113.	8.0	113
4	DISPERSE, a trait database to assess the dispersal potential of European aquatic macroinvertebrates. Scientific Data, 2020, 7, 386.	5.3	73
5	A 'polarisation sun-dial' dictates the optimal time of day for dispersal by flying aquatic insects. Freshwater Biology, 2006, 51, 1341-1350.	2.4	65
6	Why do red and dark-coloured cars lure aquatic insects? The attraction of water insects to car paintwork explained by reflectionâ€“polarization signals. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1667-1671.	2.6	63
7	Trends in flow intermittence for European rivers. Hydrological Sciences Journal, 2021, 66, 37-49.	2.6	41
8	When do beetles and bugs fly? A unified scheme for describing seasonal flight behaviour of highly dispersing primary aquatic insects. Hydrobiologia, 2013, 703, 133-147.	2.0	35
9	Phototaxis and polarotaxis hand in hand: night dispersal flight of aquatic insects distracted synergistically by light intensity and reflection polarization. Die Naturwissenschaften, 2014, 101, 385-395.	1.6	27
10	Invasion impacts and dynamics of a Europeanâ€wide introduced species. Global Change Biology, 2022, 28, 4620-4632.	9.5	27
11	Diel flight behaviour and dispersal patterns of aquatic Coleoptera and Heteroptera species with special emphasis on the importance of seasons. Die Naturwissenschaften, 2012, 99, 751-765.	1.6	25
12	Seasonal and diel dispersal activity characteristics ofSigara lateralis(Leach, 1817) (Heteroptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T Insects, 2009, 31, 301-314.	0.9	20
13	Emergence behaviour of the red listed Balkan Goldenring (Cordulegaster heros Theischinger, 1979) in Hungarian upstreams: vegetation structure affects the last steps of the larvae. Journal of Insect Conservation, 2015, 19, 547-557.	1.4	15
14	Polarization Vision of Aquatic Insects. , 2014, , 113-145.		15
15	Influence of flooding and vegetation patterns on aquatic beetle diversity in a constructed wetland complex. Wetlands, 2009, 29, 1214-1223.	1.5	12
16	Structure of aquatic assemblages of Coleoptera and Heteroptera in relation to habitat type and flood dynamic structure. Aquatic Insects, 2012, 34, 189-205.	0.9	11
17	Mass appearance of the Ponto-Caspian invader Pontogammarus robustoides in the River Tisza catchment: bypass in the southern invasion corridor?. Knowledge and Management of Aquatic Ecosystems, 2020, , 9.	1.1	11
18	Disentangling responses to natural stressor and human impact gradients in river ecosystems across Europe. Journal of Applied Ecology, 2022, 59, 537-548.	4.0	11

#	Article	IF	Citations
19	Why do highly polarizing black burnt-up stubble-fields not attract aquatic insects? An exception proving the rule. Vision Research, 2006, 46, 4382-4386.	1.4	10
20	First records raise questions: DNA barcoding of Odonata in the middle of the Mediterranean. Genome, 2021, 64, 196-206.	2.0	10
21	Niche segregation between two closely similar gammarids (Peracarida, Amphipoda)Ââ€" native vs. naturalized non-native species. Crustaceana, 2014, 87, 1296-1314.	0.3	9
22	What to do if streams go dry? Behaviour of Balkan Goldenring (Cordulegaster heros , Odonata) larvae in a simulated drought experiment in SW Hungary. Ecological Entomology, 2020, 45, 1457-1465.	2.2	9
23	Aquatic and semiaquatic Heteroptera (Nepomorpha and Gerromorpha)Âfauna of Greek holiday islands (Rhodes, Crete and Corfu) with first records of three species from Europe and Greece. Zootaxa, 2017, 4231, zootaxa.4231.1.3.	0.5	8
24	Longitudinal zonation of larval Hydropsyche (Trichoptera: Hydropsychidae): abiotic environmental factors and biotic interactions behind the downstream sequence of Central European species. Hydrobiologia, 2021, 848, 3371-3388.	2.0	7
25	Stream drying bioindication in Central Europe: A Biodrought Index accuracy assessment. Ecological Indicators, 2021, 130, 108045.	6.3	7
26	Are there any differences between taxa groups having distinct ecological traits based on their responses to environmental factors?. Aquatic Insects, 2012, 34, 173-187.	0.9	6
27	Eretesdiving beetles (Coleoptera: Dytiscidae) in Central Europe â€" witnesses of climate change?. Aquatic Insects, 2014, 36, 267-271.	0.9	6
28	Life history and multiscale habitat preferences of the red-listed Balkan Goldenring, Cordulegaster heros Theischinger, 1979 (Insecta, Odonata), in South-Hungarian headwaters: does the species have mesohabitat-mediated microdistribution?. Hydrobiologia, 2015, 760, 121-132.	2.0	5
29	Effects of meso- and microhabitat characteristics on the coexistence of two native gammarid species (Crustacea, Gammaridae). International Review of Hydrobiology, 2017, 102, 38-46.	0.9	5
30	Livin' on the edge: the importance of adjacent intermittent habitats in maintaining macroinvertebrate diversity of permanent freshwater marsh systems. Inland Waters, 2018, 8, 312-321.	2.2	5
31	Water striders (Heteroptera: Gerromorpha: Gerridae) of Romania with an update on the distribution of Gerris gibbifer and G. maculatus in southeastern Europe. Zootaxa, 2018, 4433, 491-519.	0.5	5
32	Variation of aquatic insect assemblages among seasons and microhabitats in Hungarian second-order streams. Aquatic Insects, 2012, 34, 103-112.	0.9	4
33	Flow Intermittence Drives the Benthic Algal Composition, Biodiversity and Diatom-Based Quality of Small Hilly Streams in the Pannonian Ecoregion, Hungary. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	4
34	Securing Biodiversity, Functional Integrity, and Ecosystem Services in Drying River Networks (DRYvER). Research Ideas and Outcomes, 0, 7, .	1.0	4
35	Seasonal and diel flight activity patterns of aquatic Coleoptera and Heteroptera. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2009, 30, 1271-1274.	0.1	3
36	No experimental evidence for vector-free, long-range, upstream dispersal of adult Asian clams [Corbicula fluminea (MÃ¼ller, 1774)]. Biological Invasions, 2021, 23, 1393-1404.	2.4	3

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37	Highly variable abiotic environment induced changes in taxonomic and functional composition of headwater chironomid assemblages within a small mountain range. Fundamental and Applied Limnology, 2013, 182, 323-335.	0.7	2
38	Restoration-mediated alteration induces substantial structural changes, but negligible shifts in functional and phylogenetic diversity of a non-target community: a case study from a soda pan. Hydrobiologia, 2021, 848, 857-871.	2.0	1
39	Importance of floodplains for water beetle diversity: a crucial habitat for the endangered beetle Graphoderus bilineatus in Southeastern Europe. Biodiversity and Conservation, 2021, 30, 1781-1801.	2.6	1
40	Notes on the continental malacofauna of Rhodes, with two new species for the fauna of the island. Malacologica Bohemoslovaca, 0, 7, 76-78.	3.0	1
41	Aquatic Macroinvertebrates of the Drava River and Its Floodplain. Springer Geography, 2019, , 247-279.	0.4	0