

Michal TuÅ¡er

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

811
citations

516561

16
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552653

26
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47
all docs

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docs citations

47
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Fish stock mass reduction is indicated in standard abundance and biomass estimates from gillnets and hydroacoustics. <i>Fisheries Research</i> , 2022, 253, 106389.	0.9	1
2	Recovery of the ruffe (<i>Gymnocephalus cernua</i>) population after an invasion boom of round goby (<i>Neogobius melanostomus</i>) in De Gijster Lake (the Netherlands). <i>Aquatic Invasions</i> , 2021, 16, 499-511.	0.6	2
3	Production, Validation and Morphometric Analysis of a Digital Terrain Model for Lake Trichonis Using Geospatial Technologies and Hydroacoustics. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 91.	1.4	1
4	Optimising the Workflow for Fish Detection in DIDSON (Dual-Frequency Identification SONar) Data with the Use of Optical Flow and a Genetic Algorithm. <i>Water (Switzerland)</i> , 2021, 13, 1304.	1.2	5
5	New way to investigate fish density and distribution in the shallowest layers of the open water. <i>Fisheries Research</i> , 2021, 238, 105907.	0.9	6
6	Less is more – Basic quantitative indices for fish can be achieved with reduced gillnet sampling. <i>Fisheries Research</i> , 2021, 240, 105983.	0.9	4
7	Assessing the Fish Stock Status in Lake Trichonis: A Hydroacoustic Approach. <i>Water (Switzerland)</i> , 2020, 12, 1823.	1.2	6
8	Ontogenetic and interpopulation differences in otolith shape of the European perch (<i>Perca</i>). <i>Journal of Fish Biology</i> , 2019, 95, 462-472.	0.9	14
9	Sediment methane dynamics along the Elbe River. <i>Limnologica</i> , 2019, 79, 125716.	0.7	5
10	Methane dynamics in a large river: a case study of the Elbe River. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	17
11	Limitations of target detection in horizontal acoustic surveys of extremely shallow water bodies. <i>Fisheries Research</i> , 2019, 218, 94-104.	0.9	5
12	Estimating Environmental Preferences of Freshwater Pelagic Fish Using Hydroacoustics and Satellite Remote Sensing. <i>Water (Switzerland)</i> , 2019, 11, 2226.	1.2	3
13	Quantification of Chaoborus and small fish by mobile upward-looking echosounding. <i>Journal of Limnology</i> , 2019, 78, .	0.3	1
14	Real-time distribution of pelagic fish: combining hydroacoustics, GIS and spatial modelling at a fine spatial scale. <i>Scientific Reports</i> , 2018, 8, 5381.	1.6	21
15	Collapse of the native ruffe (<i>Gymnocephalus cernua</i>) population in the Biesbosch lakes (the Netherlands). <i>Journal of Fish Biology</i> , 2018, 93, 1523-1535.	1.2	18
16	Comparison of two passive methods for sampling invasive round goby (<i>Neogobius melanostomus</i>) populations at different depths in artificial lakes. <i>Fisheries Research</i> , 2018, 207, 175-181.	0.9	5
17	Invasive round goby (<i>Neogobius melanostomus</i>) has sex-dependent locomotor activity and is underrepresented in catches from passive fishing gear compared with seine catches. <i>Journal of Fish Biology</i> , 2018, 93, 147-152.	0.7	8
18	Improved trawling setup for sampling pelagic juvenile fish communities in small inland bodies of water. <i>Acta Ichthyologica Et Piscatoria</i> , 2018, 48, 105-108.	0.3	2

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19	Optimal gillnet sampling design for the estimation of fish community indicators in heterogeneous freshwater ecosystems. <i>Ecological Indicators</i> , 2017, 77, 368-376.	2.6	18
20	Surface-induced errors in target strength and position estimates during horizontal acoustic surveys. <i>Fisheries Research</i> , 2017, 188, 149-156.	0.9	11
21	Seasonal and Spatial Dynamics of Gas Ebullition in a Temperate Waterâ€Storage Reservoir. <i>Water Resources Research</i> , 2017, 53, 8266-8276.	1.7	19
22	A novel upward-looking hydroacoustic method for improving pelagic fish surveys. <i>Scientific Reports</i> , 2017, 7, 4823.	1.6	13
23	A simple fish-based approach to assess the ecological quality of freshwater reservoirs in Central Europe. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 53.	0.5	6
24	Pelagic occurrence and diet of invasive round goby <i>Neogobius melanostomus</i> (Actinopterygii.) <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 542</i>	1.0	6
25	Fish community response to the longitudinal environmental gradient in Czech deep-valley reservoirs: Implications for ecological monitoring and management. <i>Ecological Indicators</i> , 2016, 63, 219-230.	2.6	33
26	Quantification of methane bubbles in shallow freshwaters using horizontal hydroacoustical observations. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 609-616.	1.0	2
27	Patterns in diel habitat use of fish covering the littoral and pelagic zones in a reservoir. <i>Hydrobiologia</i> , 2015, 747, 111-131.	1.0	36
28	Fish behaviour in response to a midwater trawl footrope in temperate reservoirs. <i>Fisheries Research</i> , 2015, 172, 105-113.	0.9	10
29	Species-specific gradients of juvenile fish density and size in pelagic areas of temperate reservoirs. <i>Hydrobiologia</i> , 2015, 762, 169-181.	1.0	6
30	Evaluation of potential bias in observing fish with a DIDSON acoustic camera. <i>Fisheries Research</i> , 2014, 155, 114-121.	0.9	30
31	Chaos and stability of age-0 fish assemblages in a temperate deep reservoir: unpredictable success and stable habitat use. <i>Hydrobiologia</i> , 2014, 724, 217-234.	1.0	20
32	To migrate, or not to migrate: partial diel horizontal migration of fish in a temperate freshwater reservoir. <i>Hydrobiologia</i> , 2013, 707, 17-28.	1.0	31
33	A simple method to correct the results of acoustic surveys for fish hidden in the dead zone. <i>Journal of Applied Ichthyology</i> , 2013, 29, 358-363.	0.3	8
34	Use of high-frequency imaging sonar (DIDSON) to observe fish behaviour towards a surface trawl. <i>Fisheries Research</i> , 2012, 123-124, 37-48.	0.9	67
35	The size selectivity of the main body of a sampling pelagic pair trawl in freshwater reservoirs during the night. <i>Fisheries Research</i> , 2012, 127-128, 56-60.	0.9	12
36	Validation of current acoustic dead-zone estimation methods in lakes with strongly sloped bottoms. <i>Limnology and Oceanography: Methods</i> , 2011, 9, 507-514.	1.0	4

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37	The influence of diel period on fish assemblage in the unstructured littoral of reservoirs. <i>Fisheries Management and Ecology</i> , 2011, 18, 339-347.	1.0	18
38	The occurrence of non-native tubenose goby <i>Proterorhinus semilunaris</i> in the pelagic 0+ year fish assemblage of a central European reservoir. <i>Journal of Fish Biology</i> , 2011, 78, 953-961.	0.7	11
39	Pelagic underyearling communities in a canyon-shaped reservoir in late summer. <i>Journal of Limnology</i> , 2009, 68, 304.	0.3	27
40	Long-term development of fish populations in the Åmšov Reservoir. <i>Fisheries Management and Ecology</i> , 2009, 16, 121-129.	1.0	45
41	Fish orientation along the longitudinal profile of the Åmšov reservoir during daytime: Consequences for horizontal acoustic surveys. <i>Fisheries Research</i> , 2009, 96, 23-29.	0.9	15
42	The effect of depth, distance from dam and habitat on spatial distribution of fish in an artificial reservoir. <i>Ecology of Freshwater Fish</i> , 2009, 18, 247-260.	0.7	77
43	Hydroacoustic estimates of fish stocks in temperate reservoirs: day or night surveys?. <i>Aquatic Living Resources</i> , 2009, 22, 69-77.	0.5	30
44	The effect of hydropower on fish stocks: comparison between cascade and non-cascade reservoirs. <i>Hydrobiologia</i> , 2008, 609, 25-36.	1.0	30
45	Distribution patterns of fishes in a canyon-shaped reservoir. <i>Journal of Fish Biology</i> , 2008, 73, 54-78.	0.7	67
46	Dependence of beach seine net efficiency on net length and diel period. <i>Aquatic Living Resources</i> , 2008, 21, 411-418.	0.5	34