

Milan Muska

List of Publications by Year in descending order

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41
papers

554
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623734

14
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21
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43
all docs

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docs citations

43
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Fish activity as determined by gillnet catch: A comparison of two reservoirs of different turbidity. <i>Fisheries Research</i> , 2010, 102, 291-296.	1.7	53
2	Patterns in diel habitat use of fish covering the littoral and pelagic zones in a reservoir. <i>Hydrobiologia</i> , 2015, 747, 111-131.	2.0	36
3	Biomass and Abundance Biases in European Standard Gillnet Sampling. <i>PLoS ONE</i> , 2015, 10, e0122437.	2.5	33
4	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.	6.3	33
5	To migrate, or not to migrate: partial diel horizontal migration of fish in a temperate freshwater reservoir. <i>Hydrobiologia</i> , 2013, 707, 17-28.	2.0	31
6	Evaluation of potential bias in observing fish with a DIDSON acoustic camera. <i>Fisheries Research</i> , 2014, 155, 114-121.	1.7	30
7	Real-time distribution of pelagic fish: combining hydroacoustics, GIS and spatial modelling at a fine spatial scale. <i>Scientific Reports</i> , 2018, 8, 5381.	3.3	21
8	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.	2.0	20
9	The use of artificial spawning substrates in order to understand the factors influencing the spawning site selection, depth of egg strands deposition and hatching time of perch (<i>Perca fluviatilis</i>)	1.7	19
10	Seasonal and Spatial Dynamics of Gas Ebullition in a Temperate Waterâ€­Storage Reservoir. <i>Water Resources Research</i> , 2017, 53, 8266-8276.	4.2	19
11	Development of non-lethal monitoring of stable isotopes in asp (<i>Leuciscus aspius</i>): a comparison of muscle, fin and scale tissues. <i>Hydrobiologia</i> , 2017, 785, 327-335.	2.0	19
12	Optimal gillnet sampling design for the estimation of fish community indicators in heterogeneous freshwater ecosystems. <i>Ecological Indicators</i> , 2017, 77, 368-376.	6.3	18
13	Collapse of the native ruffe (<i>Gymnocephalus cernua</i>) population in the Biesbosch lakes (the)	2.4	18
14	Two step estimation for Neyman-Scott point process with inhomogeneous cluster centers. <i>Statistics and Computing</i> , 2014, 24, 91-100.	1.5	16
15	Predicting asp and pikeperch recruitment in a riverine reservoir. <i>Fisheries Research</i> , 2016, 173, 45-52.	1.7	16
16	Ontogenetic and interpopulation differences in otolith shape of the European perch (<i>Perca</i>)	1.7	14
17	A novel upward-looking hydroacoustic method for improving pelagic fish surveys. <i>Scientific Reports</i> , 2017, 7, 4823.	3.3	13
18	Littoral age 0+ fish distribution in relation to multi-scale spatial heterogeneity of a deep-valley reservoir. <i>Hydrobiologia</i> , 2012, 696, 185-198.	2.0	12

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19	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.	1.7	12
20	Surface-induced errors in target strength and position estimates during horizontal acoustic surveys. <i>Fisheries Research</i> , 2017, 188, 149-156.	1.7	11
21	Fish behaviour in response to a midwater trawl footrope in temperate reservoirs. <i>Fisheries Research</i> , 2015, 172, 105-113.	1.7	10
22	The last snapshot of natural pelagic fish assemblage in Lake Turkana, Kenya: A hydroacoustic study. <i>Journal of Great Lakes Research</i> , 2012, 38, 98-106.	1.9	9
23	Avoidance reactions of fish in the trawl mouth opening in a shallow and turbid lake at night. <i>Fisheries Research</i> , 2013, 147, 154-160.	1.7	9
24	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.	1.6	8
25	Extremely shallow spawning of perch (<i>Perca fluviatilis</i>): the roles of sheltered bays, dense semi-terrestrial vegetation and low visibility in deeper water. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2012, , 09.	1.1	7
26	Assessment of burbot (<i>Lota lota</i>) (L. 1758) population sustainability in central European reservoirs. <i>Journal of Fish Biology</i> , 2018, 92, 1545-1559.	1.6	7
27	Species-specific gradients of juvenile fish density and size in pelagic areas of temperate reservoirs. <i>Hydrobiologia</i> , 2015, 762, 169-181.	2.0	6
28	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.	1.1	6
29	New way to investigate fish density and distribution in the shallowest layers of the open water. <i>Fisheries Research</i> , 2021, 238, 105907.	1.7	6
30	Location and timing of the deposition of egg strands by perch (<i>Perca fluviatilis</i>): the roles of lake hydrology, spawning substrate and female size. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2011, , 08.	1.1	5
31	Towards a better understanding of small scale distribution of littoral age-0 fish in a deep-valley reservoir: day or night surveys?. <i>Hydrobiologia</i> , 2014, 728, 125-139.	2.0	5
32	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.	1.7	5
33	Validation of current acoustic dead-zone estimation methods in lakes with strongly sloped bottoms. <i>Limnology and Oceanography: Methods</i> , 2011, 9, 507-514.	2.0	4
34	Otolith shape variations between artificially stocked and autochthonous pikeperch (<i>Sander</i>) <i>Journal of Great Lakes Research</i> , 2017, 43, 142-147.	1.7	4
35	Less is more – Basic quantitative indices for fish can be achieved with reduced gillnet sampling. <i>Fisheries Research</i> , 2021, 240, 105983.	1.7	4
36	Comparison of diatom community structure from epilithon and fish guts: implications for inferring past changes in water quality. <i>Hydrobiologia</i> , 2015, 742, 233-248.	2.0	3

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37	Diel changes in vertical and horizontal distribution of cladocerans in two deep lakes during early and late summer. <i>Science of the Total Environment</i> , 2021, 751, 141601.	8.0	3
38	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.	1.6	2
39	A newly discovered population of the Balkan spiny loach <i>Sabanejewia balcanica</i> (Karaman, 1922) in the River Jihlava, Czech Republic. <i>Folia Zoologica</i> , 2017, 66, 163-166.	0.9	1
40	Quantification of Chaoborus and small fish by mobile upward-looking echosounding. <i>Journal of Limnology</i> , 2019, 78, .	1.1	1
41	Fish stock mass reduction is indicated in standard abundance and biomass estimates from gillnets and hydroacoustics. <i>Fisheries Research</i> , 2022, 253, 106389.	1.7	1