Michal Tušer

List of Publications by Year
in descending order

46 papers	**811** citations	516561 **16** h-index	552653 **26** g-index
47 all docs	**47** docs citations	**47** times ranked	**634** citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of depth, distance from dam and habitat on spatial distribution of fish in an artificial reservoir. Ecology of Freshwater Fish, 2009, 18, 247-260.	0.7	77
2	Distribution patterns of fishes in a canyon‐shaped reservoir. Journal of Fish Biology, 2008, 73, 54-78.	0.7	67
3	Use of high-frequency imaging sonar (DIDSON) to observe fish behaviour towards a surface trawl. Fisheries Research, 2012, 123-124, 37-48.	0.9	67
4	Long‐term development of fish populations in the Å˜Ãmov Reservoir. Fisheries Management and Ecology, 2009, 16, 121-129.	1.0	45
5	Patterns in diel habitat use of fish covering the littoral and pelagic zones in a reservoir. Hydrobiologia, 2015, 747, 111-131.	1.0	36
6	Dependence of beach seine net efficiency on net length and diel period. Aquatic Living Resources, 2008, 21, 411-418.	0.5	34
7	Fish community response to the longitudinal environmental gradient in Czech deep-valley reservoirs: Implications for ecological monitoring and management. Ecological Indicators, 2016, 63, 219-230.	2.6	33
8	To migrate, or not to migrate: partial diel horizontal migration of fish in a temperate freshwater reservoir. Hydrobiologia, 2013, 707, 17-28.	1.0	31
9	The effect of hydropower on fish stocks: comparison between cascade and non-cascade reservoirs. Hydrobiologia, 2008, 609, 25-36.	1.0	30
10	Hydroacoustic estimates of fish stocks in temperate reservoirs: day or night surveys?. Aquatic Living Resources, 2009, 22, 69-77.	0.5	30
11	Evaluation of potential bias in observing fish with a DIDSON acoustic camera. Fisheries Research, 2014, 155, 114-121.	0.9	30
12	Pelagic underyearling communities in a canyon-shaped reservoir in late summer. Journal of Limnology, 2009, 68, 304.	0.3	27
13	Real-time distribution of pelagic fish: combining hydroacoustics, GIS and spatial modelling at a fine spatial scale. Scientific Reports, 2018, 8, 5381.	1.6	21
14	Chaos and stability of age-0 fish assemblages in a temperate deep reservoir: unpredictable success and stable habitat use. Hydrobiologia, 2014, 724, 217-234.	1.0	20
15	Seasonal and Spatial Dynamics of Gas Ebullition in a Temperate Water‐Storage Reservoir. Water Resources Research, 2017, 53, 8266-8276.	1.7	19
16	The influence of diel period on fish assemblage in the unstructured littoral of reservoirs. Fisheries Management and Ecology, 2011, 18, 339-347.	1.0	18
17	Optimal gillnet sampling design for the estimation of fish community indicators in heterogeneous freshwater ecosystems. Ecological Indicators, 2017, 77, 368-376.	2.6	18
18	Collapse of the native ruffe (Gymnocephalus cernua) population in the Biesbosch lakes (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td 1523-1535.	1.2	18

#	Article	IF	Citations
19	Methane dynamics in a large river: a case study of the Elbe River. Aquatic Sciences, 2019, 81, 1.	0.6	17
20	Fish orientation along the longitudinal profile of the Å˜Ãmov reservoir during daytime: Consequences for horizontal acoustic surveys. Fisheries Research, 2009, 96, 23-29.	0.9	15
21	Ontogenetic and interpopulation differences in otolith shape of the European perch (Perca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.9	14
22	A novel upward-looking hydroacoustic method for improving pelagic fish surveys. Scientific Reports, 2017, 7, 4823.	1.6	13
23	The size selectivity of the main body of a sampling pelagic pair trawl in freshwater reservoirs during the night. Fisheries Research, 2012, 127-128, 56-60.	0.9	12
24	The occurrence of non-native tubenose goby Proterorhinus semilunaris in the pelagic 0+ year fish assemblage of a central European reservoir. Journal of Fish Biology, 2011, 78, 953-961.	0.7	11
25	Surface-induced errors in target strength and position estimates during horizontal acoustic surveys.. Fisheries Research, 2017, 188, 149-156.	0.9	11
26	Fish behaviour in response to a midwater trawl footrope in temperate reservoirs. Fisheries Research, 2015, 172, 105-113.	0.9	10
27	A simple method to correct the results of acoustic surveys for fish hidden in the dead zone. Journal of Applied Ichthyology, 2013, 29, 358-363.	0.3	8
28	Invasive round goby <scp><i>Neogobius melanostomus</i></scp> has sexâ€dependent locomotor activity and is underâ€represented in catches from passive fishing gear compared with seine catches. Journal of Fish Biology, 2018, 93, 147-152.	0.7	8
29	Species-specific gradients of juvenile fish density and size in pelagic areas of temperate reservoirs. Hydrobiologia, 2015, 762, 169-181.	1.0	6
30	Pelagic occurrence and diet of invasive round goby Neogobius melanostomus (Actinopterygii,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.0	6
31	A simple fish-based approach to assess the ecological quality of freshwater reservoirs in Central Europe. Knowledge and Management of Aquatic Ecosystems, 2017, , 53.	0.5	6
32	Assessing the Fish Stock Status in Lake Trichonis: A Hydroacoustic Approach. Water (Switzerland), 2020, 12, 1823.	1.2	6
33	New way to investigate fish density and distribution in the shallowest layers of the open water. Fisheries Research, 2021, 238, 105907.	0.9	6
34	Comparison of two passive methods for sampling invasive round goby (Neogobius melanostomus) populations at different depths in artificial lakes. Fisheries Research, 2018, 207, 175-181.	0.9	5
35	Sediment methane dynamics along the Elbe River. Limnologica, 2019, 79, 125716.	0.7	5
36	Limitations of target detection in horizontal acoustic surveys of extremely shallow water bodies. Fisheries Research, 2019, 218, 94-104.	0.9	5

#	Article	IF	Citations
37	Optimising the Workflow for Fish Detection in DIDSON (Dual-Frequency IDentification SONar) Data with the Use of Optical Flow and a Genetic Algorithm. Water (Switzerland), 2021, 13, 1304.	1.2	5
38	Validation of current acoustic dead-zone estimation methods in lakes with strongly sloped bottoms. Limnology and Oceanography: Methods, 2011, 9, 507-514.	1.0	4
39	Less is more â€" Basic quantitative indices for fish can be achieved with reduced gillnet sampling. Fisheries Research, 2021, 240, 105983.	0.9	4
40	Estimating Environmental Preferences of Freshwater Pelagic Fish Using Hydroacoustics and Satellite Remote Sensing. Water (Switzerland), 2019, 11, 2226.	1.2	3
41	Quantification of methane bubbles in shallow freshwaters using horizontal hydroacoustical observations. Limnology and Oceanography: Methods, 2015, 13, 609-616.	1.0	2
42	Recovery of the ruffe (Gymnocephalus cernua) population after an invasion boom of round goby (Neogobius melanostomus) in De Gijster Lake (the Netherlands). Aquatic Invasions, 2021, 16, 499-511.	0.6	2
43	Improved trawling setup for sampling pelagic juvenile fish communities in small inland bodies of water. Acta Ichthyologica Et Piscatoria, 2018, 48, 105-108.	0.3	2
44	Quantification of Chaoborus and small fish by mobile upward-looking echosounding. Journal of Limnology, 2019, 78, .	0.3	1
45	Production, Validation and Morphometric Analysis of a Digital Terrain Model for Lake Trichonis Using Geospatial Technologies and Hydroacoustics. ISPRS International Journal of Geo-Information, 2021, 10, 91.	1.4	1
46	Fish stock mass reduction is indicated in standard abundance and biomass estimates from gillnets and hydroacoustics. Fisheries Research, 2022, 253, 106389.	0.9	1