# Milan Muska

List of Publications by Year
in descending order

| | | |
|---|---|---|
| 41 papers | 554 citations | 14 h-index |
| 43 all docs | 43 docs citations | 43 times ranked |

623734

713466

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|---|
| 21 g-index |
| 506 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Fish stock mass reduction is indicated in standard abundance and biomass estimates from gillnets and hydroacoustics. Fisheries Research, 2022, 253, 106389. | 1.7 | 1 |
| 2 | Diel changes in vertical and horizontal distribution of cladocerans in two deep lakes during early and late summer. Science of the Total Environment, 2021, 751, 141601. | 8.0 | 3 |
| 3 | 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. | 1.6 | 2 |
| 4 | New way to investigate fish density and distribution in the shallowest layers of the open water. Fisheries Research, 2021, 238, 105907. | 1.7 | 6 |
| 5 | Less is more â€" Basic quantitative indices for fish can be achieved with reduced gillnet sampling. Fisheries Research, 2021, 240, 105983. | 1.7 | 4 |
| 6 | Otolith shape variations between artificially stocked and autochthonous pikeperch (Sander) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T | 1.7 | 4 |
| 7 | Ontogenetic and interpopulation differences in otolith shape of the European perch (Perca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 | 1.7 | 14 |
| 8 | Quantification of Chaoborus and small fish by mobile upward-looking echosounding. Journal of Limnology, 2019, 78, . | 1.1 | 1 |
| 9 | Assessment of burbot <i>Lota lota</i> (L. 1758) population sustainability in central European reservoirs. Journal of Fish Biology, 2018, 92, 1545-1559. | 1.6 | 7 |
| 10 | Real-time distribution of pelagic fish: combining hydroacoustics, GIS and spatial modelling at a fine spatial scale. Scientific Reports, 2018, 8, 5381. | 3.3 | 21 |
| 11 | Collapse of the native ruffe (Gymnocephalus cernua) population in the Biesbosch lakes (the) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1523-1535. | 2.4 | 18 |
| 12 | 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. | 1.7 | 5 |
| 13 | 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. | 1.6 | 8 |
| 14 | Optimal gillnet sampling design for the estimation of fish community indicators in heterogeneous freshwater ecosystems. Ecological Indicators, 2017, 77, 368-376. | 6.3 | 18 |
| 15 | Surface-induced errors in target strength and position estimates during horizontal acoustic surveys.. Fisheries Research, 2017, 188, 149-156. | 1.7 | 11 |
| 16 | Seasonal and Spatial Dynamics of Gas Ebullition in a Temperate Waterâ€Storage Reservoir. Water Resources Research, 2017, 53, 8266-8276. | 4.2 | 19 |
| 17 | A novel upward-looking hydroacoustic method for improving pelagic fish surveys. Scientific Reports, 2017, 7, 4823. | 3.3 | 13 |
| 18 | Development of non-lethal monitoring of stable isotopes in asp (Leuciscus aspius): a comparison of muscle, fin and scale tissues. Hydrobiologia, 2017, 785, 327-335. | 2.0 | 19 |

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|---|---------|-----|-----------|
| 19 | A newly discovered population of the Balkan spiny loach Sabanejewia balcanica (Karaman, 1922) in the River Jihlava, Czech Republic. Folia Zoologica, 2017, 66, 163-166. | 0.9 | 1 |
| 20 | A simple fish-based approach to assess the ecological quality of freshwater reservoirs in Central Europe. Knowledge and Management of Aquatic Ecosystems, 2017, , 53. | 1.1 | 6 |
| 21 | 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. | 6.3 | 33 |
| 22 | Predicting asp and pikeperch recruitment in a riverine reservoir. Fisheries Research, 2016, 173, 45-52. | 1.7 | 16 |
| 23 | Biomass and Abundance Biases in European Standard Gillnet Sampling. PLoS ONE, 2015, 10, e0122437. | 2.5 | 33 |
| 24 | Patterns in diel habitat use of fish covering the littoral and pelagic zones in a reservoir. Hydrobiologia, 2015, 747, 111-131. | 2.0 | 36 |
| 25 | Comparison of diatom community structure from epilithon and fish guts: implications for inferring past changes in water quality. Hydrobiologia, 2015, 742, 233-248. | 2.0 | 3 |
| 26 | Fish behaviour in response to a midwater trawl footrope in temperate reservoirs. Fisheries Research, 2015, 172, 105-113. | 1.7 | 10 |
| 27 | Species-specific gradients of juvenile fish density and size in pelagic areas of temperate reservoirs. Hydrobiologia, 2015, 762, 169-181. | 2.0 | 6 |
| 28 | Two step estimation for Neyman-Scott point process with inhomogeneous cluster centers. Statistics and Computing, 2014, 24, 91-100. | 1.5 | 16 |
| 29 | Towards a better understanding of small scale distribution of littoral age-0 fish in a deep-valley reservoir: day or night surveys?. Hydrobiologia, 2014, 728, 125-139. | 2.0 | 5 |
| 30 | Evaluation of potential bias in observing fish with a DIDSON acoustic camera. Fisheries Research, 2014, 155, 114-121. | 1.7 | 30 |
| 31 | Chaos and stability of age-0 fish assemblages in a temperate deep reservoir: unpredictable success and stable habitat use. Hydrobiologia, 2014, 724, 217-234. | 2.0 | 20 |
| 32 | Avoidance reactions of fish in the trawl mouth opening in a shallow and turbid lake at night. Fisheries Research, 2013, 147, 154-160. | 1.7 | 9 |
| 33 | To migrate, or not to migrate: partial diel horizontal migration of fish in a temperate freshwater reservoir. Hydrobiologia, 2013, 707, 17-28. | 2.0 | 31 |
| 34 | Littoral age 0+ fish distribution in relation to multi-scale spatial heterogeneity of a deep-valley reservoir. Hydrobiologia, 2012, 696, 185-198. | 2.0 | 12 |
| 35 | The last snapshot of natural pelagic fish assemblage in Lake Turkana, Kenya: A hydroacoustic study. Journal of Great Lakes Research, 2012, 38, 98-106. | 1.9 | 9 |
| 36 | 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. | 1.7 | 12 |

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|---|---------|----|-----------|
| 37 | Extremely shallow spawning of perch (*Perca fluviatilis* L.) : the roles of sheltered bays, dense semi-terrestrial vegetation and low visibility in deeper water. Knowledge and Management of Aquatic Ecosystems, 2012, , 09. | 1.1 | 7 |
| 38 | 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 (Perca fluviatilis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | | |
| 39 | Validation of current acoustic dead-zone estimation methods in lakes with strongly sloped bottoms. Limnology and Oceanography: Methods, 2011, 9, 507-514. | 2.0 | 4 |
| 40 | Location and timing of the deposition of egg strands by perch (*Perca fluviatilis* L.): the roles of lake hydrology, spawning substrate and female size. Knowledge and Management of Aquatic Ecosystems, 2011, , 08. | 1.1 | 5 |
| 41 | Fish activity as determined by gillnet catch: A comparison of two reservoirs of different turbidity. Fisheries Research, 2010, 102, 291-296. | 1.7 | 53 |