

List of publications

Articles (100) in international scientific journals with referee practice

- Kangas, A., Setälä, O., Kauppi, L., & Lehtiniemi, M. 2023. Trophic transfer increases the exposure to microplastics in littoral predators. *Marine Pollution Bulletin*, 196. <https://doi.org/10.1016/j.marpolbul.2023.115553>
- Ojaveer, H, H Einberg, **M Lehtiniemi**, O Outinen, A Zaiko, A Jelmert, J Kotta 2023. Quantifying impacts of human pressures on ecosystem services: Effects of widespread non-indigenous species in the Baltic Sea. *Science of the Total Environment* 858, 159975
- Zenetos, A, K Tsiamis, M Galanidi, N Carvalho, C Bartilotti, J Canning-Clode, L Castriota, P Chainho, R Comas-Gonzalez, AC Costa, B Dragičević, J Dulčić, M Faasse, A-B Florin, A Gittenberger, H Jakobsen, A Jelmert, F Kerckhof, **M Lehtiniemi**, S Livi, K Lundgreen, V Macic, C Massé, B Mavrič, R Naddafi, M Orlando-Bonaca, S Petovic, L Png-Gonzalez, A Carbonelle Quetglas, RS Ribeiro, T Cidade, S Smolders, PAU Staehr, F Viard, O Outinen 2022. Status and Trends in the Rate of Introduction of Marine Non-Indigenous Species in European Seas. *Diversity* 14 (12), 1077
- Setälä, O, J Tirroniemi, **M Lehtiniemi** 2022. Testing citizen science as a tool for monitoring surface water microplastics. *Environmental Monitoring and Assessment* 194 (12), 851
- Kourantidou, M., L.N.H. Verbrugge, P.J. Haubrock, R.N. Cuthbert, E. Angulo, I. Ahonen, M. Cleary, J. Falk-Andersson, L. Granhag, S. Gíslason, B. Kaiser, A.-K. Kosenius, H. Lange, **M. Lehtiniemi**, K. Magnussen, S. Navrud, P. Nummi, F.J. Oficialdegui, S. Ramula, T. Rytteri, M. von Schmalensee, R.A. Stefansson, C. Diagne, F. Courchamp 2022. The economic costs, management and regulation of biological invasions in the Nordic countries. *Journal of Environmental Management* 324, 116374
- Luoma E, M Laurila-Pant, E Altarriba, L Nevalainen, I Helle, L Granhag, **M Lehtiniemi**, G Srèbalienè, S Olenin, A Lehtonen. 2022. A multi-criteria decision analysis model for ship biofouling management in the Baltic Sea. *Science of The Total Environment*, 158316
- Lehtiniemi, M**, E Fileman, H Hällfors, H Kuosa, S Lehtinen, I Lips, O Setälä, S. Suikkanen, J. Tuimala, C. Widdicombe 2022. Optimising sampling frequency for monitoring heterotrophic protists in a marine ecosystem. *ICES Journal of Marine Science* 79 (3), 925-936 [10.1093/icesjms/fsab132](https://doi.org/10.1093/icesjms/fsab132)
- Svetlichny, L, **M Lehtiniemi**, O Setälä, A Lehto, L Samchyshyna, Y Gromova, M Okyar, E Turkeri, K Eryalcin, G Kayadelen, A Kideys. 2022. Oxygen consumption rates and respiratory carbon losses in three species of copepods (*Acartia clausi*, *Calanus helgolandicus* and *Limnocalanus macrurus*) during starvation. *Turkish Journal of Zoology* 46 (3), 249-260
- Lehtiniemi, M**, Hartikainen, S, Turja, R, Lehtonen, KK, Vepsäläinen, J, Peräniemi, S, Leskinen, J, Setälä, O. 2021. Exposure to leachates from post-consumer plastic and recycled rubber causes stress responses and mortality in a copepod *Limnocalanus macrurus*. *Mar Pollut Bull.* 173:113103. doi: 10.1016/j.marpolbul.2021.113103.
- Outinen, O., Puntala-Dodd, R., Barda, I., Brzana, R., Hegele-Drywa, J., Kalnina, M., Kostanda, M., Lindqvist, A., Normant-Saremba, M., Ścibik, M., Strake, S., Vuolamo, J., **Lehtiniemi, M.** 2021: The role of marinas in the establishment and spread of non-indigenous species in Baltic Sea fouling communities, *Biofouling*. 10.1080/08927014.2021.1996564
- Uurasjärvi, E, Sainio, O Setälä, **M Lehtiniemi**, A Koistinen. 2021. Validation of an imaging FTIR spectroscopic method for analyzing microplastics ingestion by Finnish lake fish (*Perca fluviatilis* and *Coregonus albula*). *Environmental Pollution* 288, 117780. <https://doi.org/10.1016/j.envpol.2021.117780>
- Sainio, E., **Lehtiniemi, M.**, Setälä, O. 2021. Microplastic ingestion by small coastal fish in the northern Baltic Sea, Finland. *Marine Pollution Bulletin*: 112814. <https://doi.org/10.1016/j.marpolbul.2021.112814>
- Ojaveer, H, J Kotta, O Outinen, H Einberg, A Zaiko, **M Lehtiniemi** 2021. Meta-analysis on the ecological impacts of widely spread non-indigenous species in the Baltic Sea. *Science of The Total Environment* 786, 147375
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