

Originalarbeiten

- Wäge, J.**, Schmale, O., Labrenz, M. (2020). Quantification of methanogenic Archaea within Baltic Sea copepod faecal pellets. *Marine Biology* 167(10), 1-7.
- Wäge, J.**, Strassert, J.F.H., Landsberger, A., Loick-Wilde, N., Schmale, O., Stawiarski, B., Kreikemeyer, B., Labrenz, M. (2019). Microcapillary sampling of Baltic Sea copepod gut microbiomes indicates high variability among individuals and the potential for methane production. *FEMS Microbiology Ecology* 95(4), fiz024.
- Wäge, J.**, Rotchell, J.M., Gambi, M.C., Hardege, J.D. (2018). Target gene expression studies on *Platynereis dumerilii* and *Platynereis cfr massiliensis* at the shallow CO<sub>2</sub> vents off Ischia, Italy. *Estuarine Coastal & Shelf Science* 207, 351-358.
- Wäge, J.**, Valvassori, G., Hardege, J.D., Schulze, A., Gambi, M.C. (2017). The sibling polychaetes *Platynereis dumerilii* and *Platynereis massiliensis* in the Mediterranean Sea: are phylogeographic patterns related to exposure to ocean acidification? *Marine Biology* 164(10), 199.
- Wäge, J.**, Rohr, S., Hardege, J.D., Rotchell, J.M. (2016). Short-Term Effects of CO<sub>2</sub>-Induced Low pH Exposure on Target Gene Expression in *Platynereis dumerilii*. *Journal of Marine Biology & Oceanography* 5(2).
- Wäge, J.**, Lerebours, A., Hardege, J.D., Rotchell, J.M. (2016). Exposure to low pH induces molecular level changes in the marine worm, *Platynereis dumerilii*. *Ecotoxicology and Environmental Safety* 124, 105-110.
- Wäge, J.**, Hardege, J.D., Larsson, T.A., Simakov, O., Chapman, E.C., Arendt, D., Rotchell, J.M. (2015). Effects of low seawater pH on the marine polychaete *Platynereis dumerilii*. *Marine Pollution Bulletin* 95, 166-172.

Originalarbeiten – Koautor

- Shum, P., **Wäge-Recchioni, J.**, Sellers, G.S., Johnson, M.L., Joyce, D.A. (2023) DNA metabarcoding reveals the dietary profiles of a benthic marine crustacean, *Nephrops norvegicus*. *PLoS ONE* 18 (11), e0289221.
- Wittenborn, A.K., Bauersachs, T., Hassenrück, C., Käding, K., **Wäge-Recchioni, J.**, Jürgens, K., Arz, H.W., Kaiser, J. (2023) *Nitrosopumilus* as main source of isoprenoid glycerol dialkyl glycerol tetraether lipids in the central Baltic Sea. *Front Microbiol*, 14:1216130.
- Choo, S., Dellwig, O., **Wäge-Recchioni, J.**, Schulz-Vogt, H. N. (2022). Microbial-driven impact on aquatic phosphate fluxes in a coastal peatland. *Marine Ecology Progress Series* 702, 19-38.
- Amorim, K., Loick-Wilde, N., Yuen, B., Osvatic, J. T., **Wäge-Recchioni, J.**, Hausmann, B., Petersen, J.M., Fabian, J., Wodarg, D., Zettler, M. L. (2022). Chemoautotrophy, symbiosis and sedimented diatoms support high biomass of benthic molluscs in the Namibian shelf. *Scientific reports* 12(1), 1-16.
- Kache, S., Bartl, I., **Wäge-Recchioni, J.**, Voss, M. (2021). Influence of organic particle addition on nitrification rates and ammonium oxidiser abundances in Baltic seawater. *Marine Ecology Progress Series* 674, 59-72.

Stawiarski, B., Otto, S., Thiel, V., Gräwe, U., Loick-Wilde, N., Wittenborn, A.K., Schloemer, S., **Wäge, J.**, Rehder, G., Labrenz, M., Wasmund, N., Schmale, O. (2019). Controls on zooplankton methane production in the central Baltic Sea. *Biogeosciences* 16(1), 1-16.

Schmale, O., **Wäge, J.**, Mohrholz, V., Wasmund, N., Gräwe, U., Rehder, G., Labrenz, M., Loick-Wilde, N. (2018). The contribution of zooplankton to methane supersaturation in the oxygenated upper waters of the central Baltic Sea. *Limnology and Oceanography* 63, 412-430.