

# Sylke Wohlrab

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8708065/publications.pdf>

Version: 2024-02-01

30  
papers

1,300  
citations

430442

18  
h-index

454577

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1880  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Reply to: methodological inconsistencies define thermal bottlenecks in fish life cycle. <i>Evolutionary Ecology</i> , 2022, 36, 293-298.   | 0.5 | 6         |
| 2  | Seasonal plankton succession is in accordance with phycotoxin occurrence in Disko Bay, West Greenland. <i>Harmful Algae</i> , 2021, 103, 101978.   | 2.2 | 6         |
| 3  | Polyketide synthase genes and molecular trade-offs in the ichthyotoxic species <i>Prymnesium parvum</i> . <i>Science of the Total Environment</i> , 2021, 795, 148878.   | 3.9 | 10        |
| 4  | Ocean acidification increases domoic acid contents during a spring to summer succession of coastal phytoplankton. <i>Harmful Algae</i> , 2020, 92, 101697.   | 2.2 | 10        |
| 5  | Mass Spectrometry-Based Characterization of New Spirolides from <i>Alexandrium ostenfeldii</i> (Dinophyceae). <i>Marine Drugs</i> , 2020, 18, 505.   | 2.2 | 5         |
| 6  | Fish embryo vulnerability to combined acidification and warming coincides with low capacity for homeostatic regulation. <i>Journal of Experimental Biology</i> , 2020, 223, .  | 0.8 | 26        |
| 7  | Niche-based assembly of bacterial consortia on the diatom <i>Thalassiosira rotula</i> is stable and reproducible. <i>ISME Journal</i> , 2020, 14, 1614-1625.   | 4.4 | 59        |
| 8  | Comparative Metabarcoding and Metatranscriptomic Analysis of Microeukaryotes Within Coastal Surface Waters of West Greenland and Northwest Iceland. <i>Frontiers in Marine Science</i> , 2020, 7, .                          | 1.2 | 9         |
| 9  | Thermal bottlenecks in the life cycle define climate vulnerability of fish. <i>Science</i> , 2020, 369, 65-70.   | 6.0 | 373       |
| 10 | Functional Genomics Differentiate Inherent and Environmentally Influenced Traits in Dinoflagellate and Diatom Communities. <i>Microorganisms</i> , 2020, 8, 567.   | 1.6 | 18        |
| 11 | An aerobic eukaryotic parasite with functional mitochondria that likely lacks a mitochondrial genome. <i>Science Advances</i> , 2019, 5, eaav1110.   | 4.7 | 76        |
| 12 | Transcriptomic responses to grazing reveal the metabolic pathway leading to the biosynthesis of domoic acid and highlight different defense strategies in diatoms. <i>BMC Molecular Biology</i> , 2019, 20, 7.               | 3.0 | 23        |
| 13 | Trophic interactions, toxicokinetics, and detoxification processes in a domoic acid-producing diatom and two copepod species. <i>Limnology and Oceanography</i> , 2019, 64, 833-848.   | 1.6 | 11        |
| 14 | Metatranscriptome Profiling Indicates Size-Dependent Differentiation in Plastic and Conserved Community Traits and Functional Diversification in Dinoflagellate Communities. <i>Frontiers in Marine Science</i> , 2018, 5, . | 1.2 | 20        |
| 15 | Can domoic acid affect escape response in copepods?. <i>Harmful Algae</i> , 2018, 79, 50-52.   | 2.2 | 11        |
| 16 | Induction of domoic acid production in diatoms—Types of grazers and diatoms are important. <i>Harmful Algae</i> , 2018, 79, 64-73.   | 2.2 | 57        |
| 17 | Intraspecific trait variation and trade-offs within and across populations of a toxic dinoflagellate. <i>Ecology Letters</i> , 2018, 21, 1561-1571.  | 3.0 | 58        |
| 18 | Combined physical, chemical and biological factors shape <i>Alexandrium ostenfeldii</i> blooms in The Netherlands. <i>Harmful Algae</i> , 2017, 63, 146-153.   | 2.2 | 30        |

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|----|--|-----|-----------|
| 19 | Molecular diversity patterns among various phytoplankton size-fractions in West Greenland in late summer. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 121, 54-69.                                       | 0.6 | 30        |
| 20 | Predator cues reduce intraspecific trait variability in a marine dinoflagellate. <i>BMC Ecology</i> , 2017, 17, 8.   | 3.0 | 20        |
| 21 | Effects of ocean acidification on primary production in a coastal North Sea phytoplankton community. <i>PLoS ONE</i> , 2017, 12, e0172594.   | 1.1 | 27        |
| 22 | Transcriptomic profiling of <i>Alexandrium fundyense</i> during physical interaction with or exposure to chemical signals from the parasite <i>Amoebophrya</i> . <i>Molecular Ecology</i> , 2016, 25, 1294-1307.                   | 2.0 | 22        |
| 23 | Trait changes induced by species interactions in two phenotypically distinct strains of a marine dinoflagellate. <i>ISME Journal</i> , 2016, 10, 2658-2668.  | 4.4 | 15        |
| 24 | Influence of Ocean Acidification on a Natural Winter-to-Summer Plankton Succession: First Insights from a Long-Term Mesocosm Study Draw Attention to Periods of Low Nutrient Concentrations. <i>PLoS ONE</i> , 2016, 11, e0159068. | 1.1 | 64        |
| 25 | Intraspecific facilitation by allelochemical mediated grazing protection within a toxigenic dinoflagellate population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141268.                       | 1.2 | 48        |
| 26 | Genomic Insights into Processes Driving the Infection of <i>Alexandrium tamarense</i> by the Parasitoid <i>Amoebophrya</i> sp. <i>Eukaryotic Cell</i> , 2014, 13, 1439-1449.   | 3.4 | 42        |
| 27 | Impact of elevated pCO <sub>2</sub> on paralytic shellfish poisoning toxin content and composition in <i>Alexandrium tamarense</i> . <i>Toxicon</i> , 2014, 78, 58-67.   | 0.8 | 45        |
| 28 | Fight and flight in dinoflagellates? Kinetics of simultaneous grazer-induced responses in <i>Alexandrium tamarense</i> . <i>Limnology and Oceanography</i> , 2012, 57, 58-64.  | 1.6 | 30        |
| 29 | Comparative Genomic and Transcriptomic Characterization of the Toxigenic Marine Dinoflagellate <i>Alexandrium ostenfeldii</i> . <i>PLoS ONE</i> , 2011, 6, e28012.   | 1.1 | 92        |
| 30 | A Molecular and Co-Evolutionary Context for Grazer Induced Toxin Production in <i>Alexandrium tamarense</i> . <i>PLoS ONE</i> , 2010, 5, e15039.   | 1.1 | 57        |