

Harriet Alexander

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

13,244
citations

471061

17
h-index

500791

28
g-index

40
all docs

40
docs citations

40
times ranked

16603
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. <i>Nature Biotechnology</i> , 2019, 37, 852-857. | 9.4 | 11,167 |
| 2 | The Transcriptome and Proteome of the Diatom <i>Thalassiosira pseudonana</i> Reveal a Diverse Phosphorus Stress Response. <i>PLoS ONE</i> , 2012, 7, e33768. | 1.1 | 296 |
| 3 | Probing the evolution, ecology and physiology of marine protists using transcriptomics. <i>Nature Reviews Microbiology</i> , 2017, 15, 6-20. | 13.6 | 176 |
| 4 | Metatranscriptome analyses indicate resource partitioning between diatoms in the field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2182-90. | 3.3 | 166 |
| 5 | Functional group-specific traits drive phytoplankton dynamics in the oligotrophic ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5972-9. | 3.3 | 118 |
| 6 | Virus-host relationships of marine single-celled eukaryotes resolved from metatranscriptomics. <i>Nature Communications</i> , 2017, 8, 16054. | 5.8 | 100 |
| 7 | Re-assembly, quality evaluation, and annotation of 678 microbial eukaryotic reference transcriptomes. <i>GigaScience</i> , 2019, 8, . | 3.3 | 61 |
| 8 | Sixty Years of Sverdrup: A Retrospective of Progress in the Study of Phytoplankton Blooms. <i>Oceanography</i> , 2014, 27, 222-235. | 0.5 | 47 |
| 9 | Identifying reference genes with stable expression from high throughput sequence data. <i>Frontiers in Microbiology</i> , 2012, 3, 385. | 1.5 | 40 |
| 10 | Integrating "Big Data" into Aquatic Ecology: Challenges and Opportunities. <i>Limnology and Oceanography Bulletin</i> , 2017, 26, 101-108. | 0.2 | 40 |
| 11 | Phosphorus availability regulates intracellular nucleotides in marine eukaryotic phytoplankton. <i>Limnology and Oceanography Letters</i> , 2017, 2, 119-129. | 1.6 | 38 |
| 12 | Transcriptional response of the harmful raphidophyte <i>Heterosigma akashiwo</i> to nitrate and phosphate stress. <i>Harmful Algae</i> , 2017, 68, 258-270. | 2.2 | 32 |
| 13 | Shifting metabolic priorities among key protistan taxa within and below the euphotic zone. <i>Environmental Microbiology</i> , 2018, 20, 2865-2879. | 1.8 | 32 |
| 14 | Conserved Transcriptional Responses to Nutrient Stress in Bloom-Forming Algae. <i>Frontiers in Microbiology</i> , 2017, 8, 1279. | 1.5 | 31 |
| 15 | Auxotrophic interactions: a stabilizing attribute of aquatic microbial communities?. <i>FEMS Microbiology Ecology</i> , 2020, 96, . | 1.3 | 31 |
| 16 | Seasonal and Geographical Transitions in Eukaryotic Phytoplankton Community Structure in the Atlantic and Pacific Oceans. <i>Frontiers in Microbiology</i> , 2020, 11, 542372. | 1.5 | 22 |
| 17 | Transcriptional Shifts Highlight the Role of Nutrients in Harmful Brown Tide Dynamics. <i>Frontiers in Microbiology</i> , 2019, 10, 136. | 1.5 | 19 |
| 18 | EUKulele: Taxonomic annotation of the unsung eukaryotic microbes. <i>Journal of Open Source Software</i> , 2021, 6, 2817. | 2.0 | 19 |

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|----|---|-----|-----------|
| 19 | Microbiomes of bloom-forming <i>Phaeocystis</i> algae are stable and consistently recruited, with both symbiotic and opportunistic modes. <i>ISME Journal</i> , 2022, 16, 2255-2264. | 4.4 | 19 |
| 20 | Transcriptional patterns identify resource controls on the diazotroph <i>Trichodesmium</i> in the Atlantic and Pacific oceans. <i>ISME Journal</i> , 2018, 12, 1486-1495. | 4.4 | 17 |
| 21 | The Osmolyte Ties That Bind: Genomic Insights Into Synthesis and Breakdown of Organic Osmolytes in Marine Microbes. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 17 |
| 22 | Variable depth distribution of <i>Trichodesmium</i> clades in the North Pacific Ocean. <i>Environmental Microbiology Reports</i> , 2016, 8, 1058-1066. | 1.0 | 16 |
| 23 | Transcriptional response of <i>Emiliana huxleyi</i> under changing nutrient environments in the North Pacific Subtropical Gyre. <i>Environmental Microbiology</i> , 2020, 22, 1847-1860. | 1.8 | 13 |
| 24 | Bio-GO-SHIP: The Time Is Right to Establish Global Repeat Sections of Ocean Biology. <i>Frontiers in Marine Science</i> , 2022, 8, . | 1.2 | 9 |
| 25 | Marine Microeukaryote Metatranscriptomics: Sample Processing and Bioinformatic Workflow Recommendations for Ecological Applications. <i>Frontiers in Marine Science</i> , 0, 9, . | 1.2 | 8 |
| 26 | <i>DMS</i> synthesis genes distinguish two types of <i>DMS</i> producer phenotypes. <i>Environmental Microbiology</i> , 2021, 23, 1656-1669. | 1.8 | 6 |
| 27 | What are the type, direction, and strength of species, community, and ecosystem responses to warming in aquatic mesocosm studies and their dependency on experimental characteristics? A systematic review protocol. <i>Environmental Evidence</i> , 2017, 6, . | 1.1 | 3 |
| 28 | Keeping it light: (re)analyzing community-wide datasets without major infrastructure. <i>GigaScience</i> , 2019, 8, . | 3.3 | 2 |