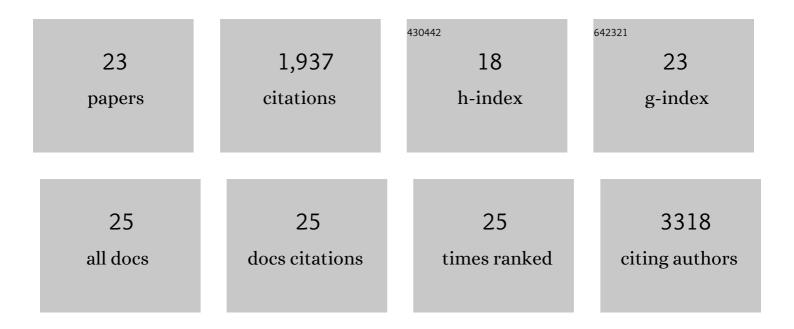
Erik FY Hom

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7642799/publications.pdf Version: 2024-02-01



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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Methodological Approaches Frame Insights into Endophyte Richness and Community Composition. Microbial Ecology, 2021, 82, 21-34. | 1.4 | 13 |
| 2 | Climate and seasonality drive the richness and composition of tropical fungal endophytes at a landscape scale. Communications Biology, 2021, 4, 313. | 2.0 | 45 |
| 3 | Towards a Systems Biology Approach to Understanding the Lichen Symbiosis: Opportunities and Challenges of Implementing Network Modelling. Frontiers in Microbiology, 2021, 12, 667864. | 1.5 | 15 |
| 4 | On the move: sloths and their epibionts as model mobile ecosystems. Biological Reviews, 2021, 96, 2638-2660. | 4.7 | 9 |
| 5 | Symbiosis and the Anthropocene. Symbiosis, 2021, 84, 239-270. | 1.2 | 7 |
| 6 | Nitrogen scavenging from amino acids and peptides in the model alga Chlamydomonas reinhardtii. The role of extracellular l-amino oxidase. Algal Research, 2019, 38, 101395. | 2.4 | 24 |
| 7 | Fungi in the Marine Environment: Open Questions and Unsolved Problems. MBio, 2019, 10, . | 1.8 | 200 |
| 8 | OK, thanks! A new mutualism between Chlamydomonas and methylobacteria facilitates growth on amino acids and peptides. FEMS Microbiology Letters, 2018, 365, . | 0.7 | 33 |
| 9 | Characterization of salt stress-induced palmelloids in the green alga, Chlamydomonas reinhardtii. Algal Research, 2016, 16, 434-448. | 2.4 | 83 |
| 10 | A Chemical Perspective on Microalgal–Microbial Interactions. Trends in Plant Science, 2015, 20, 689-693. | 4.3 | 41 |
| 11 | Whole-Genome Resequencing Reveals Extensive Natural Variation in the Model Green Alga <i>Chlamydomonas reinhardtii</i> . Plant Cell, 2015, 27, 2353-2369. | 3.1 | 92 |
| 12 | Niche engineering demonstrates a latent capacity for fungal-algal mutualism. Science, 2014, 345, 94-98. | 6.0 | 192 |
| 13 | The Chlamydomonas genome project: a decade on. Trends in Plant Science, 2014, 19, 672-680. | 4.3 | 145 |
| 14 | WD60/FAP163 is a dynein intermediate chain required for retrograde intraflagellar transport in cilia. Molecular Biology of the Cell, 2013, 24, 2668-2677. | 0.9 | 56 |
| 15 | Metabolic network reconstruction of <i>Chlamydomonas</i> offers insight into lightâ€driven algal metabolism. Molecular Systems Biology, 2011, 7, 518. | 3.2 | 264 |
| 16 | Concerted action of the new Genomic Peptide Finder and AUGUSTUS allows for automated proteogenomic annotation of the <i>Chlamydomonas reinhardtii</i> genome. Proteomics, 2011, 11, 1814-1823. | 1.3 | 16 |
| 17 | A unified taxonomy for ciliary dyneins. Cytoskeleton, 2011, 68, 555-565. | 1.0 | 77 |
| 18 | Metabolic network analysis integrated with transcript verification for sequenced genomes. Nature Methods, 2009, 6, 589-592. | 9.0 | 83 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | AIDA: an adaptive image deconvolution algorithm with application to multi-frame and three-dimensional data. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 1580. | 0.8 | 62 |
| 20 | Fluorescence Correlation Spectroscopy Simulations of Photophysical Phenomena and Molecular Interactions:Â A Molecular Dynamics/Monte Carlo Approach. Journal of Physical Chemistry B, 2006, 110, 1896-1906. | 1.2 | 45 |
| 21 | Shape, size and multiplicity of main-belt asteroidsl. Keck Adaptive Optics survey. Icarus, 2006, 185, 39-63. | 1.1 | 90 |
| 22 | Analysis of Coupled Bimolecular Reaction Kinetics and Diffusion byTwo-Color Fluorescence Correlation Spectroscopy: Enhanced Resolution of Kinetics by Resonance Energy Transfer. Biophysical Journal, 2002, 83, 533-546. | 0.2 | 35 |
| 23 | Diffusion of Green Fluorescent Protein in the Aqueous-Phase Lumen of Endoplasmic Reticulum. Biophysical Journal, 1999, 76, 2843-2851. | 0.2 | 290 |