

Yunxiang Mao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8345553/publications.pdf>

Version: 2024-02-01

60
papers

1,101
citations

471509

17
h-index

454955

30
g-index

60
all docs

60
docs citations

60
times ranked

882
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | HomBlocks: A multiple-alignment construction pipeline for organelle phylogenomics based on locally collinear block searching. <i>Genomics</i> , 2018, 110, 18-22. | 2.9 | 183 |
| 2 | Comparative transcriptome profiling of <i>Pyropia yezoensis</i> (Ueda) M.S. Hwang & H.G. Choi in response to temperature stresses. <i>BMC Genomics</i> , 2015, 16, 463. | 2.8 | 73 |
| 3 | Complete Sequence and Analysis of Plastid Genomes of Two Economically Important Red Algae: <i>Pyropia haitanensis</i> and <i>Pyropia yezoensis</i> . <i>PLoS ONE</i> , 2013, 8, e65902. | 2.5 | 68 |
| 4 | <i>Pyropia yezoensis</i> genome reveals diverse mechanisms of carbon acquisition in the intertidal environment. <i>Nature Communications</i> , 2020, 11, 4028. | 12.8 | 49 |
| 5 | The complete chloroplast genome of <i>Gracilariopsis lemaneiformis</i> (Rhodophyta) gives new insight into the evolution of family Gracilariaceae. <i>Journal of Phycology</i> , 2016, 52, 441-450. | 2.3 | 43 |
| 6 | A chromosome-level genome assembly of <i>Pyropia haitanensis</i> (Bangiales, Rhodophyta). <i>Molecular Ecology Resources</i> , 2020, 20, 216-227. | 4.8 | 37 |
| 7 | De Novo Assembly and Characterization of the Transcriptome of Seagrass <i>Zostera marina</i> Using Illumina Paired-End Sequencing. <i>PLoS ONE</i> , 2014, 9, e112245. | 2.5 | 36 |
| 8 | Genetic Analysis of <i>Porphyra yezoensis</i> Using Microsatellite Markers. <i>Plant Molecular Biology Reporter</i> , 2009, 27, 496-502. | 1.8 | 32 |
| 9 | Profiling of the transcriptome of <i>Porphyra yezoensis</i> with Solexa sequencing technology. <i>Science Bulletin</i> , 2011, 56, 2119-2130. | 1.7 | 32 |
| 10 | Transcriptome-wide identification of optimal reference genes for expression analysis of <i>Pyropia yezoensis</i> responses to abiotic stress. <i>BMC Genomics</i> , 2018, 19, 251. | 2.8 | 32 |
| 11 | Selection of reference genes for gene expression normalization in <i>Pyropia yezoensis</i> using quantitative real-time PCR. <i>Journal of Applied Phycology</i> , 2015, 27, 1003-1010. | 2.8 | 29 |
| 12 | Thallus sectioning as an efficient monospore release method in <i>Pyropia yezoensis</i> (Bangiales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2016, 28, 395-404. | 2.8 | 28 |
| 13 | Complete mitochondrial genome of <i>Pyropia yezoensis</i> : reasserting the revision of genus <i>Porphyra</i> . <i>Mitochondrial DNA</i> , 2014, 25, 335-336. | 0.6 | 26 |
| 14 | Genome-wide expression profiles of <i>Pyropia haitanensis</i> in response to osmotic stress by using deep sequencing technology. <i>BMC Genomics</i> , 2015, 16, 1012. | 2.8 | 26 |
| 15 | Integrating transcriptomics and metabolomics to characterize the regulation of EPA biosynthesis in response to cold stress in seaweed <i>Bangia fuscopurpurea</i> . <i>PLoS ONE</i> , 2017, 12, e0186986. | 2.5 | 26 |
| 16 | Characterization of a novel fungal disease that infects the gametophyte of <i>Pyropia yezoensis</i> (Bangiales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2016, 28, 395-404. | 2.8 | 23 |
| 17 | The complete mitochondrial genome of <i>Pyropia haitanensis</i> Chang et Zheng. <i>Mitochondrial DNA</i> , 2012, 23, 344-346. | 0.6 | 20 |
| 18 | Genome-wide identification and expression pattern analysis under abiotic stress of mitogen-activated protein kinase genes in <i>Pyropia yezoensis</i> . <i>Journal of Applied Phycology</i> , 2018, 30, 2561-2572. | 2.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Transcriptomic Insights into Innate Immunity Responding to Red Rot Disease in Red Alga <i>Pyropia yezoensis</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5970. | 4.1 | 18 |
| 20 | Gene expression profiles of <i>Pyropia yezoensis</i> in response to dehydration and rehydration stresses. <i>Marine Genomics</i> , 2019, 43, 43-49. | 1.1 | 15 |
| 21 | Morphology and molecular identification of <i>Ulva</i> forming green tides in Qingdao, China. <i>Journal of Ocean University of China</i> , 2011, 10, 73-79. | 1.2 | 14 |
| 22 | Generation and analysis of expressed sequence tags from the salt-tolerant eelgrass species, <i>Zostera marina</i> . <i>Acta Oceanologica Sinica</i> , 2013, 32, 68-78. | 1.0 | 14 |
| 23 | Behavioral and physiological photoresponses to light intensity by intertidal microphytobenthos. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 293-304. | 1.3 | 14 |
| 24 | Functional Characterization and Evolutionary Analysis of Glycine-Betaine Biosynthesis Pathway in Red Seaweed <i>Pyropia yezoensis</i> . <i>Marine Drugs</i> , 2019, 17, 70. | 4.6 | 14 |
| 25 | Divergence time, historical biogeography and evolutionary rate estimation of the order Bangiales (Rhodophyta) inferred from multilocus data. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 870-881. | 1.3 | 13 |
| 26 | Biomass estimation of cultivated red algae <i>Pyropia</i> using unmanned aerial platform based multispectral imaging. <i>Plant Methods</i> , 2021, 17, 12. | 4.3 | 13 |
| 27 | Construction of Plastid Expression Vector and Development of Genetic Transformation System for the Seaweed <i>Pyropia yezoensis</i> . <i>Marine Biotechnology</i> , 2017, 19, 147-156. | 2.4 | 12 |
| 28 | The first complete organellar genomes of an Antarctic red alga, <i>Pyropia endiviifolia</i> : insights into its genome architecture and phylogenetic position within genus <i>Pyropia</i> (Bangiales, Rhodophyta). <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1315-1328. | 1.3 | 12 |
| 29 | Identification of proteins responding to pathogen-infection in the red alga <i>Pyropia yezoensis</i> using iTRAQ quantitative proteomics. <i>BMC Genomics</i> , 2018, 19, 842. | 2.8 | 12 |
| 30 | Characterization of <i>Pythium chondricola</i> associated with red rot disease of <i>Pyropia yezoensis</i> (Ueda) (Bangiales, Rhodophyta) from Lianyungang, China. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 1102-1112. | 1.3 | 12 |
| 31 | Cloning and characterization of proliferating cell nuclear antigen gene of <i>Alexandrium catenella</i> (Dinoflagellate) with respect to cell growth. <i>Acta Oceanologica Sinica</i> , 2010, 29, 90-96. | 1.0 | 10 |
| 32 | Organellar Genome Variation and Genetic Diversity of Chinese <i>Pyropia yezoensis</i> . <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 10 |
| 33 | Identification and characterization of PyAQPs from <i>Pyropia yezoensis</i> , which are involved in tolerance to abiotic stress. <i>Journal of Applied Phycology</i> , 2017, 29, 1695-1706. | 2.8 | 9 |
| 34 | Structural and Functional Impacts of Microbiota on <i>Pyropia yezoensis</i> and Surrounding Seawater in Cultivation Farms along Coastal Areas of the Yellow Sea. <i>Microorganisms</i> , 2021, 9, 1291. | 3.6 | 9 |
| 35 | Comparative Transcriptome Analysis Provides Insights into Response of <i>Ulva compressa</i> to Fluctuating Salinity Conditions. <i>Journal of Phycology</i> , 2021, 57, 1295-1308. | 2.3 | 9 |
| 36 | Metagenome-Assembled Genomes From <i>Pyropia haitanensis</i> Microbiome Provide Insights Into the Potential Metabolic Functions to the Seaweed. <i>Frontiers in Microbiology</i> , 2022, 13, 857901. | 3.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Complete genome of <i>Cobetia marina</i> JCM 21022T and phylogenomic analysis of the family Halomonadaceae. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 528-536. | 1.3 | 8 |
| 38 | Genome-wide analysis of HSP70 gene superfamily in <i>Pyropia yezoensis</i> (Bangiales, Rhodophyta): identification, characterization and expression profiles in response to dehydration stress. <i>BMC Plant Biology</i> , 2021, 21, 435. | 3.6 | 8 |
| 39 | Comparative Quantitative Proteomics Reveals the Desiccation Stress Responses of the Intertidal Seaweed <i>NEOPORPHYRA haitanensis</i> . <i>Journal of Phycology</i> , 2020, 56, 1664-1675. | 2.3 | 7 |
| 40 | Floridean Starch and Floridoside Metabolic Pathways of <i>Neoporphyra haitanensis</i> and Their Regulatory Mechanism under Continuous Darkness. <i>Marine Drugs</i> , 2021, 19, 664. | 4.6 | 7 |
| 41 | Cloning and characterization of <i>c</i> -phycocyanin operon from the cyanobacterium <i>Arthrospira platensis</i> FACHB341. <i>Journal of Applied Phycology</i> , 2005, 17, 181-185. | 2.8 | 6 |
| 42 | Cloning and analysis of calmodulin gene from <i>Porphyra yezoensis</i> Ueda (Bangiales, Rhodophyta). <i>Journal of Ocean University of China</i> , 2009, 8, 247-253. | 1.2 | 6 |
| 43 | Cloning and characterization of the HLIP gene encoding high light-inducible protein from <i>Porphyra yezoensis</i> . <i>Journal of Applied Phycology</i> , 2012, 24, 685-692. | 2.8 | 6 |
| 44 | The first plastid genome of a filamentous taxon <i>Bangia</i> sp. OUCPT-01 in the Bangiales. <i>Scientific Reports</i> , 2018, 8, 10688. | 3.3 | 6 |
| 45 | Fine Mapping to Identify the Functional Genetic Locus for Red Coloration in <i>Pyropia yezoensis</i> Thallus. <i>Frontiers in Plant Science</i> , 2020, 11, 867. | 3.6 | 6 |
| 46 | On microbial community of <i>Pyropia haitanensis</i> by metagenomic analysis. <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1091-1102. | 1.3 | 6 |
| 47 | Heat Shock Protein 20 Gene Superfamilies in Red Algae: Evolutionary and Functional Diversities. <i>Frontiers in Plant Science</i> , 2022, 13, 817852. | 3.6 | 6 |
| 48 | Cloning and characterization of a Rab11 homologue in <i>Gracilariopsis lemaneiformis</i> . <i>Journal of Applied Phycology</i> , 2008, 20, 1103-1109. | 2.8 | 5 |
| 49 | Comparative Gene Expression and Physiological Analyses Reveal Molecular Mechanisms in Wound-Induced Spore Formation in the Edible Seaweed Nori. <i>Frontiers in Plant Science</i> , 2022, 13, 840439. | 3.6 | 5 |
| 50 | Sequence analysis of <i>Arthrospira maxima</i> based on fosmid library. <i>Journal of Applied Phycology</i> , 2007, 19, 333-346. | 2.8 | 3 |
| 51 | Characterization of the squalene-rich <i>Botryococcus braunii</i> Abt02 strain. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 675-684. | 1.3 | 3 |
| 52 | Trace Metals Analysis Along the Fildes Peninsula Coastline Using Two Red Algae, <i>Rhodymenia antarctica</i> and <i>Iridaea cordata</i> , as Monitors. <i>Journal of Ocean University of China</i> , 2018, 17, 1487-1491. | 1.2 | 2 |
| 53 | Distribution, Function and Polymorphism Characteristics of Microsatellites in <i>Pyropia yezoensis</i> Transcriptome. <i>Journal of Ocean University of China</i> , 2019, 18, 693-700. | 1.2 | 2 |
| 54 | Development of a PCR method for detection of <i>Pseudoalteromonas marina</i> associated with green spot disease in <i>Pyropia yezoensis</i> . <i>Journal of Oceanology and Limnology</i> , 2020, 38, 168-176. | 1.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Defensive physiological characters of <i>Pyropia yezoensis</i> resistant lines to the red rot disease. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 509-516. | 1.3 | 2 |
| 56 | A Toolbox for Constructing a Stable Genetic Transformation Platform Allowing Foreign Fragment Integration in the Genome of <i>Neopyropia yezoensis</i> . <i>Frontiers in Marine Science</i> , 2022, 9, . | 2.5 | 2 |
| 57 | Development of organelle single nucleotide polymorphism (SNP) markers and their application for the identification of cytoplasmic inheritance patterns in <i>Pyropia yezoensis</i> (Bangiales, Rhodophyta). <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1447-1457. | 1.3 | 1 |
| 58 | Construction of high-density genetic linkage map of <i>Pyropia yezoensis</i> (Bangiales, Rhodophyta) and identification of red color trait QTLs in the thalli. <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1103-1117. | 1.3 | 1 |
| 59 | Cytological and transcriptional analysis reveal phosphatidylinositol signaling pathway plays key role in mitotic division of <i>Pyropia yezoensis</i> . <i>Journal of Oceanology and Limnology</i> , 0, , 1. | 1.3 | 1 |
| 60 | Discrepancy in photosynthetic responses of the red alga <i>Pyropia yezoensis</i> to dehydration stresses under exposure to desiccation, high salinity, and high mannitol concentration. <i>Marine Life Science and Technology</i> , 0, , 1. | 4.6 | 0 |