# Eric Lam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1659240/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 34 papers | 1,599 citations | 361045 20 h-index | 433756 31 g-index |
| 100 all docs | 100 docs citations | 100 times ranked | 1941 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Integrative analysis of chromatin states in <scp>A</scp>rabidopsis identified potential regulatory mechanisms for natural antisense transcript production. Plant Journal, 2013, 73, 77-90. | 2.8 | 147 |
| 2 | Arabidopsis metacaspaseâ€ƒ2d is a positive mediator of cell death induced during biotic and abiotic stresses. Plant Journal, 2011, 66, 969-982. | 2.8 | 144 |
| 3 | Comprehensive definition of genome features in Spirodela polyrhiza by highâ€depth physical mapping and shortâ€read <scp>DNA</scp> sequencing strategies. Plant Journal, 2017, 89, 617-635. | 2.8 | 115 |
| 4 | Return of the Lemnaceae: duckweed as a model plant system in the genomics and postgenomics era. Plant Cell, 2021, 33, 3207-3234. | 3.1 | 111 |
| 5 | Roles of Plant-Associated Microbiota in Traditional Herbal Medicine. Trends in Plant Science, 2018, 23, 559-562. | 4.3 | 91 |
| 6 | Calcium-dependent Activation and Autolysis of Arabidopsis Metacaspase 2d. Journal of Biological Chemistry, 2011, 286, 10027-10040. | 1.6 | 84 |
| 7 | Bacterial Production of Indole Related Compounds Reveals Their Role in Association Between Duckweeds and Endophytes. Frontiers in Chemistry, 2018, 6, 265. | 1.8 | 75 |
| 8 | Regulating the reapers: activating metacaspases for programmed cell death. Trends in Plant Science, 2012, 17, 487-494. | 4.3 | 73 |
| 9 | Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. Molecular Cell, 2020, 77, 927-929. | 4.5 | 71 |
| 10 | Generating a highâ€confidence reference genome map of the Greater Duckweed by integration of cytogenomic, optical mapping, and Oxford Nanopore technologies. Plant Journal, 2018, 96, 670-684. | 2.8 | 64 |
| 11 | Natural variance in salt tolerance and induction of starch accumulation in duckweeds. Planta, 2015, 241, 1395-1404. | 1.6 | 61 |
| 12 | Expression of Arabidopsis Bax Inhibitorâ€1 in transgenic sugarcane confers drought tolerance. Plant Biotechnology Journal, 2016, 14, 1826-1837. | 4.1 | 59 |
| 13 | Genome and time-of-day transcriptome of Wolffia australiana link morphological minimization with gene loss and less growth control. Genome Research, 2021, 31, 225-238. | 2.4 | 56 |
| 14 | Duckweed hosts a taxonomically similar bacterial assemblage as the terrestrial leaf microbiome. PLoS ONE, 2020, 15, e0228560. | 1.1 | 51 |
| 15 | RNA interference as a gene silencing tool to controlTuta absolutain tomato (Solanum) Tj ETQq1 1 0.784314 rgBT /Over | 0.9 | 47 |
| 16 | Structural basis for Ca2+-dependent activation of a plant metacaspase. Nature Communications, 2020, 11, 2249. | 5.8 | 38 |
| 17 | Characterization of a photosynthetic mutant of Lemna lacking the cytochrome b6-f complex. Biochimica Et Biophysica Acta - Bioenergetics, 1985, 810, 106-109. | 0.5 | 25 |
| 18 | Correlation of Apiose Levels and Growth Rates in Duckweeds. Frontiers in Chemistry, 2018, 6, 291. | 1.8 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Linkage structure of cell-wall polysaccharides from three duckweed species. Carbohydrate Polymers, 2019, 223, 115119. | 5.1 | 23 |
| 20 | Flavonoids from duckweeds: potential applications in the human diet. RSC Advances, 2020, 10, 44981-44988. | 1.7 | 21 |
| 21 | Domain swap between two typeâ€<scp>II</scp> metacaspases defines key elements for their biochemical properties. Plant Journal, 2018, 96, 921-936. | 2.8 | 17 |
| 22 | Host-specific and tissue-dependent orchestration of microbiome community structure in traditional rice paddy ecosystems. Plant and Soil, 2020, 452, 379-395. | 1.8 | 14 |
| 23 | Auxin-Producing Bacteria from Duckweeds Have Different Colonization Patterns and Effects on Plant Morphology. Plants, 2022, 11, 721. | 1.6 | 14 |
| 24 | Wolffia, a minimalist plant and synthetic biology chassis. Trends in Plant Science, 2022, 27, 430-439. | 4.3 | 13 |
| 25 | Defining the Functional Network of Epigenetic Regulators in Arabidopsis thaliana. Molecular Plant, 2009, 2, 661-674. | 3.9 | 12 |
| 26 | High Saccharification, Low Lignin, and High Sustainability Potential Make Duckweeds Adequate as Bioenergy Feedstocks. Bioenergy Research, 2021, 14, 1082-1092. | 2.2 | 12 |
| 27 | Sequence-guided approach to genotyping plant clones and species using polymorphic NB-ARC-related genes. Plant Molecular Biology, 2018, 98, 219-231. | 2.0 | 8 |
| 28 | Decoding the role of chromatin architecture in development: coming closer to the end of the tunnel. Frontiers in Plant Science, 2014, 5, 374. | 1.7 | 3 |
| 29 | Mixing genomes alters nuclear architecture. Nature Plants, 2018, 4, 65-66. | 4.7 | 2 |
| 30 | NDP-Sugar Pathways Overview of Spirodela polyrhiza and Their Relevance for Bioenergy and Biorefinery. Bioenergy Research, 0, , 1. | 2.2 | 1 |
| 31 | Duckweed hosts a taxonomically similar bacterial assemblage as the terrestrial leaf microbiome. , 2020, 15, e0228560. | | 0 |
| 32 | Duckweed hosts a taxonomically similar bacterial assemblage as the terrestrial leaf microbiome. , 2020, 15, e0228560. | | 0 |
| 33 | Duckweed hosts a taxonomically similar bacterial assemblage as the terrestrial leaf microbiome. , 2020, 15, e0228560. | | 0 |
| 34 | Duckweed hosts a taxonomically similar bacterial assemblage as the terrestrial leaf microbiome. , 2020, 15, e0228560. | | 0 |