Resource Summary Report

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Culture Collection of Algae at the University of Texas

RRID:SCR_016782
Type: Tool

Proper Citation

Culture Collection of Algae at the University of Texas (RRID:SCR_016782)

Resource Information

URL: https://utex.org/

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Description: The UTEX Culture Collection of Algae includes different strains of living algae, representing most major taxa. Cultures in the Collection are used for research, teaching, biotechnology development, and various other projects throughout the world.

Abbreviations: UTEX

Synonyms: The UTEX Culture Collection of Algae, Culture Collection of Algae at the University of Texas, UTEX

Resource Type: material storage repository, service resource, database, organization portal, biospecimen repository, storage service resource, portal, data or information resource

Keywords: culture, collection, algae

Funding: U.S. National Science Foundation ;
College of Natural Sciences of The University of Texas at Austin

Availability: Commercially available

Resource Name: Culture Collection of Algae at the University of Texas

Resource ID: SCR_016782

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260728T043522+0000

Ratings and Alerts

No rating or validation information has been found for Culture Collection of Algae at the University of Texas.

No alerts have been found for Culture Collection of Algae at the University of Texas.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Zanoni I, et al. (2025) Hybrid materials for wastewater treatment: synergistic coupling of Neochloris oleoabundans and TiO2 nanoparticles. Nanoscale advances, 7(12), 3803.

Hassanien A, et al. (2025) Gene expression analysis reveals genes related to heavy metals and produced water exposure in Synechococcus elongatus. International microbiology : the official journal of the Spanish Society for Microbiology, 28(8), 2697.

Truong TQ, et al. (2024) Understanding the Impact of Nitrogen Availability: A Limiting Factor for Enhancing Fucoxanthin Productivity in Microalgae Cultivation. Marine drugs, 22(2).

Baldisserotto C, et al. (2024) Cultivation modes affect the morphology, biochemical composition, and antioxidant and anti-inflammatory properties of the green microalga Neochloris oleoabundans. Protoplasma, 261(6), 1185.

Feng X, et al. (2024) Genomes of multicellular algal sisters to land plants illuminate signaling network evolution. Nature genetics, 56(5), 1018.

Geng S, et al. (2023) A conserved RWP-RK transcription factor VSR1 controls gametic differentiation in volvocine algae. Proceedings of the National Academy of Sciences of the United States of America, 120(29), e2305099120.

Lee C, et al. (2023) Complete plastome of Coelastrum microporum Nägeli (Scenedesmaceae, Sphaeropleales). Mitochondrial DNA. Part B, Resources, 8(9), 948.

Feng X, et al. (2023) Chromosome-level genomes of multicellular algal sisters to land plants illuminate signaling network evolution. bioRxiv : the preprint server for biology.

Nozaki H, et al. (2022) Morphology, mating system and taxonomy of Volvox africanus (Volvocaceae, Chlorophyceae) from Thailand. Botanical studies, 63(1), 1.

Cai P, et al. (2022) SynBioStrainFinder: A microbial strain database of manually curated CRISPR/Cas genetic manipulation system information for biomanufacturing. Microbial cell

factories, 21(1), 87.

Decamp A, et al. (2021) A New, Quick, and Simple Protocol to Evaluate Microalgae Polysaccharide Composition. Marine drugs, 19(2).

Pinkanjananavee K, et al. (2021) Potential Impacts on Treated Water Quality of Recycling Dewatered Sludge Supernatant during Harmful Cyanobacterial Blooms. Toxins, 13(2).

Bandyopadhyay A, et al. (2021) Antenna Modification Leads to Enhanced Nitrogenase Activity in a High Light-Tolerant Cyanobacterium. mBio, 12(6), e0340821.

Nelson DR, et al. (2021) Large-scale genome sequencing reveals the driving forces of viruses in microalgal evolution. Cell host & microbe, 29(2), 250.

Darienko T, et al. (2021) Molecular Phylogeny of Unicellular Marine Coccoid Green Algae Revealed New Insights into the Systematics of the Ulvophyceae (Chlorophyta). Microorganisms, 9(8).

Mann M, et al. (2020) The Aureochrome Photoreceptor PtAUREO1a Is a Highly Effective Blue Light Switch in Diatoms. iScience, 23(11), 101730.

Wang Y, et al. (2020) Early Stage Adaptation of a Mesophilic Green Alga to Antarctica: Systematic Increases in Abundance of Enzymes and LEA Proteins. Molecular biology and evolution, 37(3), 849.

Boundy-Mills K, et al. (2020) Preserving US microbe collections sparks future discoveries. Journal of applied microbiology, 129(2), 162.

Zheng Y, et al. (2020) Low-Temperature Adaptation of the Snow Alga Chlamydomonas nivalis Is Associated With the Photosynthetic System Regulatory Process. Frontiers in microbiology, 11, 1233.

Mócsai R, et al. (2020) A first view on the unsuspected intragenus diversity of N-glycans in Chlorella microalgae. The Plant journal : for cell and molecular biology, 103(1), 184.