

The promising future of microalgae: current status, challenges, and opportunities for a sustainable and renewable industry for biofuels, feed, and other products

Microbial Cell Factories

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Riboregulator elements as tools to engineer gene expression in cyanobacteria. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7717-7723.	1.7	7
2	Fast Profiling of Natural Pigments in Different <i>Spirulina (Arthrospira platensis)</i> Dietary Supplements by DI-FT-ICR and Evaluation of their Antioxidant Potential by Pre-Column DPPH-UHPLC Assay. <i>Molecules</i> , 2018, 23, 1152.	1.7	37
3	Defatted algal biomass as feedstock for short chain carboxylic acids and biohydrogen production in the biorefinery format. <i>Bioresource Technology</i> , 2018, 269, 408-416.	4.8	29
4	Microalgal Enzymes with Biotechnological Applications. <i>Marine Drugs</i> , 2019, 17, 459.	2.2	43
5	Comparative Thermogravimetric Assessment on the Combustion of Coal, Microalgae Biomass and Their Blend. <i>Energies</i> , 2019, 12, 2962.	1.6	20
6	Microbial fuel cells (MFC) and microalgae; photo microbial fuel cell (PMFC) as complete recycling machines. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2546-2560.	2.5	44
7	First Apocarotenoids Profiling of Four Microalgae Strains. <i>Antioxidants</i> , 2019, 8, 209.	2.2	17
8	Omics approaches for microalgal applications: Prospects and challenges. <i>Bioresource Technology</i> , 2019, 291, 121890.	4.8	81
9	Large-Scale Waste Bio-Remediation Using Microalgae Cultivation as a Platform. <i>Energies</i> , 2019, 12, 2772.	1.6	22
10	Development of thin-layer cascades for microalgae cultivation: milestones (review). <i>Folia Microbiologica</i> , 2019, 64, 603-614.	1.1	48
11	Current practices and challenges in using microalgae for treatment of nutrient rich wastewater from agro-based industries. <i>Science of the Total Environment</i> , 2019, 687, 1107-1126.	3.9	131
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14	Residual sugar from microalgae biomass harvested from phycoremediation of swine wastewater digestate. <i>Water Science and Technology</i> , 2019, 79, 2203-2210.	1.2	5
15	Characterization and potential antitumor effect of a heteropolysaccharide produced by the red alga <i>Porphyridium sordidum</i> . <i>Engineering in Life Sciences</i> , 2019, 19, 978-985.	2.0	22
16	Elicitation of pharmaceutical alkaloids biosynthesis by salicylic acid in marine microalgae <i>Arthrospira platensis</i> . <i>Algal Research</i> , 2019, 42, 101597.	2.4	15
17	Insights into the microalgae cultivation technology and harvesting process for biofuel production: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 115, 109361.	8.2	224
18	Optimal proteome allocation strategies for phototrophic growth in a light-limited chemostat. <i>Microbial Cell Factories</i> , 2019, 18, 165.	1.9	10

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