

CITATION REPORT

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Life cycle assessment and nutrient analysis of various processing pathways in algal biofuel production

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#	Paper	IF	Citations
51	Biodiesel production from microalgae: Processes, technologies and recent advancements. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 79, 893-913	16.2	156
50	Environmental impact of microalgal biomass production using wastewater resources. <i>Clean Technologies and Environmental Policy</i> , 2017 , 19, 2521-2529	4.3	7
49	Life Cycle Impacts and Techno-economic Implications of Flash Hydrolysis in Algae Processing. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 3580-3588	8.3	13
48	Microorganisms-based methods for harmful algal blooms control: A review. <i>Bioresource Technology</i> , 2018 , 248, 12-20	11	104
47	Life cycle assessment of a wind farm repowering process. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 93, 260-271	16.2	24
46	Life cycle assessment of industrial scale production of spirulina tablets. <i>Algal Research</i> , 2018 , 34, 154-163		29
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43	The past, present and future of algal continuous cultures in basic research and commercial applications. <i>Algal Research</i> , 2019 , 43, 101636	5	11
42	Integrated techno economic and life cycle assessment of the conversion of high productivity, low lipid algae to renewable fuels. <i>Algal Research</i> , 2019 , 38, 101412	5	51
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40	Life cycle evaluation of microalgae biofuels production: Effect of cultivation system on energy, carbon emission and cost balance analysis. <i>Science of the Total Environment</i> , 2019 , 688, 112-128	10.2	98
39	Identification of allelochemicals from pomegranate peel and their effects on <i>Microcystis aeruginosa</i> growth. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 22389-22399	5.1	13
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36	Application of Life Cycle Assessment for Sustainability Evaluation of Transportation Fuels. 2020 , 359-369		1
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34	Negative Emission Energy Production Technologies: A Techno-Economic and Life Cycle Analyses Review. <i>Energy Technology</i> , 2020 , 8, 1900871	3.5	6
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27	Introduction. 2020 , 1-14		
26	Removal of harmful algal blooms in freshwater by buoyant-bead flotation using chitosan-coated fly ash cenospheres. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 29239-29247	5.1	4
25	Reaction engineering and kinetics of algae conversion to biofuels and chemicals via pyrolysis and hydrothermal liquefaction. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 1320-1373	4.9	29
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10	Novel disinfection method for toxic cyanobacteria (<i>Oscillatoria tenuis</i>) and simultaneous removal of cyanotoxins aided by recyclable magnetic nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106589	6.8	1
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1	Multi-criteria evaluation of energy recovery from urban wastewater sludges by anaerobic digestion and hydrothermal liquefaction. 2023 , 11, 109628		0