

CITATION REPORT

List of articles citing

Characterization of a Novel Flat-Panel Airlift Photobioreactor With an Internal Heat Exchanger

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Chemical Engineering and Technology, 2014, 37, 59-64.

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#	Paper	IF	Citations
24	Study of an Annular Photoreactor with Tangential Inlet and Outlet: I. Fluid Dynamics. <i>Chemical Engineering and Technology</i> , 2015 , 38, 311-318	2	7
23	Dynamic Modeling of the Microalgae Cultivation Phase for Energy Production in Open Raceway Ponds and Flat Panel Photobioreactors. <i>Frontiers in Energy Research</i> , 2015 , 3,	3.8	32
22	Production of carotenoids and lipids by <i>Dunaliella tertiolecta</i> using CO ₂ from beer fermentation. <i>Process Biochemistry</i> , 2015 , 50, 981-988	4.8	37
21	Aeration and mass transfer optimization in a rectangular airlift loop photobioreactor for the production of microalgae. <i>Bioresource Technology</i> , 2015 , 190, 189-95	11	63
20	Gasification of Microalgae Using Supercritical Water and the Potential of Effluent Recycling. <i>Chemical Engineering and Technology</i> , 2016 , 39, 335-342	2	20
19	Hydrodynamics investigation of laboratory-scale Internal Gas-lift loop anaerobic digester using non-invasive CAPRT technique. <i>Biomass and Bioenergy</i> , 2016 , 84, 98-106	5.3	13
18	Carotenoid and lipid extraction from <i>Heterochlorella luteoviridis</i> using moderate electric field and ethanol. <i>Process Biochemistry</i> , 2016 , 51, 1636-1643	4.8	51
17	Kinetic Modeling of <i>Dunaliella tertiolecta</i> Growth under Different Nitrogen Concentrations. <i>Chemical Engineering and Technology</i> , 2016 , 39, 1716-1722	2	7
16	Continuous production of diatom <i>Entomoneis</i> sp. in mechanically stirred tank and flat-panel airlift photobioreactors. <i>Preparative Biochemistry and Biotechnology</i> , 2016 , 46, 740-6	2.4	5
15	Biofuels From Microalgae. 2017 , 107-120		3
14	Effect of temperature and nitrogen concentration on biomass composition of <i>Heterochlorella luteoviridis</i> . <i>Food Science and Technology</i> , 2017 , 37, 28-37	2	37
13	Numerical study of the hydrodynamics of a photobioreactor with moderate electric field. <i>Biosystems Engineering</i> , 2019 , 187, 114-128	4.8	
12	Convective heat transfer characteristics of microalgae slurries in a circular tube flow. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 137, 823-834	4.9	9
11	Biochemical composition of green microalgae <i>Pseudoneochloris marina</i> grown under different temperature and light conditions. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 18, 101032	4.2	14
10	Effect of rheokinetics on convective heat transfer of microalgae slurry in tube during hydrothermal conversion. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 163, 120407	4.9	2
9	Modeling for thermal hydrolysis of microalgae slurry in tubular reactor: microalgae cell migration flow and heat transfer effects. <i>Applied Thermal Engineering</i> , 2020 , 180, 115784	5.8	3
8	The effect of modification photobioreactor bubble columns by using horizontal baffle on bubble velocity for microalgae. 2020 ,		2

7	Potential of immobilized <i>Chlorella minutissima</i> for the production of biomass, proteins, carotenoids and fatty acids. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 25, 101601	4.2	2
6	Investigation on effective thermal conductivity of microalgae suspensions in a shear flow. <i>Applied Thermal Engineering</i> , 2021 , 186, 116440	5.8	
5	Algal biofuels technologies, scope, opportunities, challenges, and applications. 2021 , 449-470		0
4	Hydrothermal hydrolysis of algal biomass for biofuels production: A review. <i>Bioresource Technology</i> , 2022 , 344, 126213	11	4
3	INFLUÊNCIA DA LUMINOSIDADE E CONCENTRAÇÃO SALINA NA PRODUÇÃO DE LIPÍDIOS E CAROTENOIDES PELA MICROALGA <i>Dunaliella tertiolecta</i> EM FOTOBIORREATOR AIRLIFT.		
2	Convective enhancement of microalgae slurry in continuous tubular reactors for biocrude production during hydrothermal liquefaction. 2023 , 220, 119725		0
1	Types of photobioreactors. 2023 , 33-58		0