

Ga-Yeong Kim

List of Publications by Year in descending order

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papers

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518
citing authors

#	ARTICLE	IF	CITATIONS
1	Inertial Microfluidics-Based Separation of Microalgae Using a Contraction–Expansion Array Microchannel. <i>Micromachines</i> , 2021, 12, 97.	2.9	14
2	Enhanced biodegradation of hydrocarbons by <i>Pseudomonas aeruginosa</i> -encapsulated alginate/gellan gum microbeads. <i>Journal of Hazardous Materials</i> , 2021, 406, 124752.	12.4	15
3	Electrochemical pH control and carbon supply for microalgae cultivation. <i>Chemical Engineering Journal</i> , 2021, 426, 131796.	12.7	8
4	Highly efficient light-converting films based on diketopyrrolopyrrole with deep-red aggregation-induced emission for enhancing the lipid productivity of <i>Chlorella</i> sp.. <i>Sustainable Energy and Fuels</i> , 2021, 5, 5205-5215.	4.9	8
5	Enhancement of Lipid Productivity of <i>Chlorella</i> sp. Using Light-Converting Red Fluorescent Films Based on Aggregation-Induced Emission. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15888-15897.	6.7	22
6	The use of bicarbonate for microalgae cultivation and its carbon footprint analysis. <i>Green Chemistry</i> , 2019, 21, 5053-5062.	9.0	33
7	Biodiesel production from oleaginous yeast, <i>Cryptococcus</i> sp. by using banana peel as carbon source. <i>Energy Reports</i> , 2019, 5, 1077-1081.	5.1	36
8	Co-production of biodiesel and alginate from <i>Laminaria japonica</i> . <i>Science of the Total Environment</i> , 2019, 673, 750-755.	8.0	12
9	Multi-bandgap Solar Energy Conversion via Combination of Microalgal Photosynthesis and Spectrally Selective Photovoltaic Cell. <i>Scientific Reports</i> , 2019, 9, 18999.	3.3	19
10	Inertial Microfluidics-Based Cell Sorting. <i>Biochip Journal</i> , 2018, 12, 257-267.	4.9	55
11	Bicarbonate-based cultivation of <i>Dunaliella salina</i> for enhancing carbon utilization efficiency. <i>Bioresource Technology</i> , 2017, 237, 72-77.	9.6	59
12	Cultivation of four microalgae species in the effluent of anaerobic digester for biodiesel production. <i>Bioresource Technology</i> , 2017, 224, 738-742.	9.6	25
13	<i>Scenedesmus</i> -based treatment of nitrogen and phosphorus from effluent of anaerobic digester and bio-oil production. <i>Bioresource Technology</i> , 2015, 196, 235-240.	9.6	38