

Damian W Laird

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1221081/publications.pdf>

Version: 2024-02-01

27
papers

805
citations

471509

17
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

988
citing authors

#	ARTICLE	IF	CITATIONS
1	Light management technologies for increasing algal photobioreactor efficiency. <i>Algal Research</i> , 2019, 39, 101433.	4.6	139
2	Microalgae: A potential sustainable commercial source of sterols. <i>Algal Research</i> , 2020, 46, 101772.	4.6	79
3	Zn Metal Atom Doping on the Surface Plane of One-Dimensional NiMoO ₄ Nanorods with Improved Redox Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44815-44829.	8.0	67
4	Halo-adapted microalgae for fucoxanthin production: Effect of incremental increase in salinity. <i>Algal Research</i> , 2017, 28, 66-73.	4.6	60
5	The effect of gradual increase in salinity on the biomass productivity and biochemical composition of several marine, halotolerant, and halophilic microalgae. <i>Journal of Applied Phycology</i> , 2018, 30, 1453-1464.	2.8	60
6	Pilot-scale self-cooling microalgal closed photobioreactor for biomass production and electricity generation. <i>Algal Research</i> , 2020, 45, 101731.	4.6	37
7	Halogenated Cyclic Peptides Isolated from the Sponge <i>Corticium</i> sp.. <i>Journal of Natural Products</i> , 2007, 70, 741-746.	3.0	34
8	Egg shell membrane template stabilises formation of $\hat{\text{I}}^2\text{-NiMoO}_4$ nanowires and enhances hybrid supercapacitor behaviour. <i>Materials Letters</i> , 2019, 236, 64-68.	2.6	32
9	Pycnanthuquinone C, an Unusual 6,6,5-Tricyclic Geranyltoquinone from the Western Australian Brown Alga <i>Cystophora harveyi</i> . <i>Journal of Natural Products</i> , 2007, 70, 671-674.	3.0	27
10	Co-cultivation and stepwise cultivation of <i>Chaetoceros muelleri</i> and <i>Amphora</i> sp. for fucoxanthin production under gradual salinity increase. <i>Journal of Applied Phycology</i> , 2019, 31, 1535-1544.	2.8	27
11	Sustainable phycocyanin production from <i>Arthrospira platensis</i> using solar-control thin film coated photobioreactor. <i>Biochemical Engineering Journal</i> , 2019, 141, 232-238.	3.6	26
12	Decomposition of Bayer process organics: Low-molecular-weight carboxylates. <i>Hydrometallurgy</i> , 2009, 99, 51-57.	4.3	25
13	Stepwise culture approach optimizes the biomass productivity of microalgae cultivated using an incremental salinity increase strategy. <i>Biomass and Bioenergy</i> , 2019, 127, 105274.	5.7	24
14	Decomposition of Bayer process organics: Phenolates, polyalcohols, and additional carboxylates. <i>Hydrometallurgy</i> , 2011, 107, 68-73.	4.3	20
15	Tetraprenyltoluquinols from the brown alga <i>Cystophora fibrosa</i> . <i>Phytochemistry</i> , 2006, 67, 944-955.	2.9	18
16	Outdoor phycocyanin production in a standalone thermally-insulated photobioreactor. <i>Bioresource Technology</i> , 2020, 315, 123865.	9.6	18
17	Effect of organic carbon source and nutrient depletion on the simultaneous production of a high value bioplastic and a specialty pigment by <i>Arthrospira platensis</i> . <i>Algal Research</i> , 2020, 47, 101844.	4.6	18
18	Energy efficiency analysis of outdoor standalone photovoltaic-powered photobioreactors coproducing lipid-rich algal biomass and electricity. <i>Applied Energy</i> , 2020, 275, 115403.	10.1	17

#	ARTICLE	IF	CITATIONS
19	Can solar control infrared blocking films be used to replace evaporative cooling for growth of <i>Nannochloropsis</i> sp. in plate photobioreactors?. <i>Algal Research</i> , 2019, 39, 101441.	4.6	15
20	Chemical investigation of seven Australasian <i>Cystophora</i> species: New chemistry and taxonomic insights. <i>Biochemical Systematics and Ecology</i> , 2010, 38, 187-194.	1.3	14
21	Volatile Products from the Degradation of Organics in a Synthetic Bayer Liquor. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3613-3617.	3.7	11
22	Contributions of Root WSC during Grain Filling in Wheat under Drought. <i>Frontiers in Plant Science</i> , 2016, 7, 904.	3.6	10
23	Estimating the flammability of vapours above refinery wastewater laden with hydrocarbon mixtures. <i>Fire Safety Journal</i> , 2012, 51, 61-67.	3.1	9
24	From carbon waste to carbon product: Converting oxalate to polyhydroxybutyrate using a mixed microbial culture. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2362-2365.	6.7	8
25	Does growing <i>Nannochloropsis</i> sp. in innovative flat plate photobioreactors result in changes to fatty acid and protein composition?. <i>Journal of Applied Phycology</i> , 2020, 32, 3619-3629.	2.8	4
26	Is There Ni in My Liquor? A Hands-On Laboratory Exercise for Relating Chemistry to Extractive Metallurgy. <i>Journal of Chemical Education</i> , 2013, 90, 1671-1674.	2.3	3
27	Sodium peroxide fusion for reliable determination of gold in ores and metallurgical samples. <i>International Journal of Mineral Processing</i> , 2017, 168, 35-39.	2.6	3