

Cynthia Victoria González-López

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,313
citations

304743

22
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

2519
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein measurements of microalgal and cyanobacterial biomass. <i>Bioresource Technology</i> , 2010, 101, 7587-7591.	9.6	465
2	Characterization of a flat plate photobioreactor for the production of microalgae. <i>Chemical Engineering Journal</i> , 2008, 138, 136-147.	12.7	360
3	Spirulina for the food and functional food industries. <i>Food Research International</i> , 2020, 137, 109356.	6.2	173
4	Conversion of CO ₂ into biomass by microalgae: how realistic a contribution may it be to significant CO ₂ removal?. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 577-586.	3.6	168
5	Utilization of the cyanobacteria <i>Anabaena</i> sp. ATCC 33047 in CO ₂ removal processes. <i>Bioresource Technology</i> , 2009, 100, 5904-5910.	9.6	140
6	Marine microalgae selection and culture conditions optimization for biodiesel production. <i>Bioresource Technology</i> , 2013, 134, 353-361.	9.6	112
7	Outdoor pilot-scale production of <i>Nannochloropsis gaditana</i> : Influence of culture parameters and lipid production rates in tubular photobioreactors. <i>Bioresource Technology</i> , 2014, 169, 667-676.	9.6	93
8	Maximizing carotenoid extraction from microalgae used as food additives and determined by liquid chromatography (HPLC). <i>Food Chemistry</i> , 2018, 257, 316-324.	8.2	81
9	Medium recycling for <i>Nannochloropsis gaditana</i> cultures for aquaculture. <i>Bioresource Technology</i> , 2013, 129, 430-438.	9.6	63
10	Consumer knowledge and attitudes towards microalgae as food: The case of Spain. <i>Algal Research</i> , 2021, 54, 102174.	4.6	63
11	Year-long production of <i>Scenedesmus almeriensis</i> in pilot-scale raceway and thin-layer cascade photobioreactors. <i>Algal Research</i> , 2020, 51, 102069.	4.6	56
12	Outdoor pilot production of <i>Nannochloropsis gaditana</i> : Influence of culture parameters and lipid production rates in raceway ponds. <i>Algal Research</i> , 2015, 8, 205-213.	4.6	55
13	Development of a process for efficient use of CO ₂ from flue gases in the production of photosynthetic microorganisms. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1637-1650.	3.3	54
14	A low-cost culture medium for the production of <i>Nannochloropsis gaditana</i> biomass optimized for aquaculture. <i>Bioresource Technology</i> , 2013, 144, 57-66.	9.6	50
15	Development of a process for large-scale purification of C-phycoyanin from <i>Synechocystis aquatilis</i> using expanded bed adsorption chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 511-519.	2.3	49
16	Year-long evaluation of microalgae production in wastewater using pilot-scale raceway photobioreactors: Assessment of biomass productivity and nutrient recovery capacity. <i>Algal Research</i> , 2021, 60, 102500.	4.6	40
17	Microalgae based wastewater treatment coupled to the production of high value agricultural products: Current needs and challenges. <i>Chemosphere</i> , 2022, 291, 132968.	8.2	39
18	Outdoor pilot production of <i>Nannochloropsis gaditana</i> : Influence of culture parameters and lipid production rates in flat-panel photobioreactors. <i>Algal Research</i> , 2016, 18, 156-165.	4.6	30

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19	NMR Metabolomics as an Effective Tool To Unravel the Effect of Light Intensity and Temperature on the Composition of the Marine Microalgae <i>Isochrysis galbana</i> . Journal of Agricultural and Food Chemistry, 2019, 67, 3879-3889.	5.2	29
20	Techno-economic analysis of microalgae related processes for CO2 bio-fixation. Algal Research, 2021, 57, 102339.	4.6	29
21	Large-scale isolation and purification of Phycocyanin from the cyanobacteria <i>Anabaena marina</i> using expanded bed adsorption chromatography. Journal of Chemical Technology and Biotechnology, 2010, 85, 783-792.	3.2	26
22	Annual production of microalgae in wastewater using pilot-scale thin-layer cascade photobioreactors. Journal of Applied Phycology, 2021, 33, 3861-3871.	2.8	25
23	Improvement of wastewater treatment capacity using the microalga <i>Scenedesmus</i> sp. and membrane bioreactors. Algal Research, 2021, 60, 102516.	4.6	17
24	Utilization of <i>Anabaena</i> sp. in CO2 removal processes. Applied Microbiology and Biotechnology, 2012, 94, 613-624.	3.6	16
25	Use of continuous culture to develop an economical medium for the mass production of <i>Isochrysis galbana</i> for aquaculture. Journal of Applied Phycology, 2020, 32, 851-863.	2.8	16
26	Assessment of multi-step processes for an integral use of the biomass of the marine microalga <i>Amphidinium carterae</i> . Bioresource Technology, 2019, 282, 370-377.	9.6	15
27	Optimisation of Protein Recovery from <i>Arthrospira platensis</i> by Ultrasound-Assisted Isoelectric Solubilisation/Precipitation. Processes, 2020, 8, 1586.	2.8	15
28	Effect of the Foliar Application of Microalgae Hydrolysate (<i>Arthrospira platensis</i>) and Silicon on the Growth of <i>Pelargonium hortorum</i> L.H. Bailey under Salinity Conditions. Agronomy, 2020, 10, 1713.	3.0	10
29	Optimization of the production of lipids and carotenoids in the microalga <i>Golenkinia aff. brevispicula</i> . Algal Research, 2020, 51, 102004.	4.6	10
30	Preparative Recovery of Carotenoids from Microalgal Biomass. Methods in Molecular Biology, 2018, 1852, 107-115.	0.9	5
31	Processing <i>Nannochloropsis gaditana</i> biomass for the extraction of high-value biocompounds. Journal of Applied Phycology, 2020, 32, 3113-3122.	2.8	5
32	Re-assessment of protein determination for microalgae and cyanobacteria. New Biotechnology, 2009, 25, S264.	4.4	0