

Sara P Cuellar-Bermudez

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,070
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1697
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and purification of high-value metabolites from microalgae: essential lipids, astaxanthin and phycobiliproteins. <i>Microbial Biotechnology</i> , 2015, 8, 190-209.	4.2	354
2	Photosynthetic bioenergy utilizing CO ₂ : an approach on flue gases utilization for third generation biofuels. <i>Journal of Cleaner Production</i> , 2015, 98, 53-65.	9.3	244
3	Green extraction technologies for high-value metabolites from algae: a review. <i>Biofuels, Bioproducts and Biorefining</i> , 2017, 11, 215-231.	3.7	84
4	Supercritical Carbon Dioxide and Microwave-Assisted Extraction of Functional Lipophilic Compounds from <i>Arthrospira platensis</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 658.	4.1	62
5	How to use Nile Red, a selective fluorescent stain for microalgal neutral lipids. <i>Journal of Microbiological Methods</i> , 2016, 128, 74-79.	1.6	56
6	Effects of light intensity and carbon dioxide on lipids and fatty acids produced by <i>Synechocystis</i> sp. PCC6803 during continuous flow. <i>Algal Research</i> , 2015, 12, 10-16.	4.6	54
7	Advancement of green process through microwave-assisted extraction of bioactive metabolites from <i>Arthrospira Platensis</i> and bioactivity evaluation. <i>Bioresource Technology</i> , 2017, 224, 618-629.	9.6	43
8	Symbiotic Co-Culture of <i>Scenedesmus</i> sp. and <i>Azospirillum brasilense</i> on N-Deficient Media with Biomass Production for Biofuels. <i>Sustainability</i> , 2019, 11, 707.	3.2	30
9	Effect of Supercritical Carbon Dioxide Extraction Parameters on the Biological Activities and Metabolites Present in Extracts from <i>Arthrospira platensis</i> . <i>Marine Drugs</i> , 2017, 15, 174.	4.6	26
10	Quantum yield alterations due to the static magnetic fields action on <i>Arthrospira platensis</i> SAG 21.99: Evaluation of photosystem activity. <i>Bioresource Technology</i> , 2019, 292, 121945.	9.6	25
11	Deodorization of <i>Arthrospira platensis</i> biomass for further scale-up food applications. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 5123-5130.	3.5	22
12	Enhanced phycocyanin and protein content of <i>Arthrospira</i> by applying neutral density and red light shading filters: a small-scale pilot experiment. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2047-2054.	3.2	22
13	Thermodynamics and statistical correlation between supercritical-CO ₂ fluid extraction and bioactivity profile of locally available Mexican plants extracts. <i>Journal of Supercritical Fluids</i> , 2017, 122, 27-34.	3.2	17
14	Identification of Bioactivity, Volatile and Fatty Acid Profile in Supercritical Fluid Extracts of Mexican <i>arnica</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1528.	4.1	12
15	Influence of Supercritical CO ₂ Extraction on Fatty Acids Profile, Volatile Compounds and Bioactivities from <i>Rosmarinus officinalis</i> . <i>Waste and Biomass Valorization</i> , 2020, 11, 1527-1537.	3.4	10
16	Harvesting of <i>Arthrospira platensis</i> with helicoidal and straight trichomes using filtration and centrifugation. <i>Separation Science and Technology</i> , 2020, 55, 2381-2390.	2.5	9