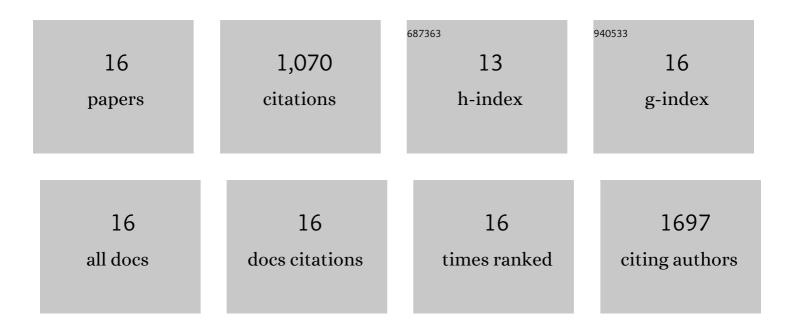
## Sara P Cuellar-Bermudez

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8058397/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Extraction and purification of highâ€value metabolites from microalgae: essential lipids, astaxanthin and phycobiliproteins. Microbial Biotechnology, 2015, 8, 190-209.	4.2	354
2	Photosynthetic bioenergy utilizing CO2: an approach on flue gases utilization for third generation biofuels. Journal of Cleaner Production, 2015, 98, 53-65.	9.3	244
3	Green extraction technologies for highâ€value metabolites from algae: a review. Biofuels, Bioproducts and Biorefining, 2017, 11, 215-231.	3.7	84
4	Supercritical Carbon Dioxide and Microwave-Assisted Extraction of Functional Lipophilic Compounds from Arthrospira platensis. International Journal of Molecular Sciences, 2016, 17, 658.	4.1	62
5	How to use Nile Red, a selective fluorescent stain for microalgal neutral lipids. Journal of Microbiological Methods, 2016, 128, 74-79.	1.6	56
6	Effects of light intensity and carbon dioxide on lipids and fatty acids produced by Synechocystis sp. PCC6803 during continuous flow. Algal Research, 2015, 12, 10-16.	4.6	54
7	Advancement of green process through microwave-assisted extraction of bioactive metabolites from Arthrospira Platensis and bioactivity evaluation. Bioresource Technology, 2017, 224, 618-629.	9.6	43
8	Symbiotic Co-Culture of Scenedesmus sp. and Azospirillum brasilense on N-Deficient Media with Biomass Production for Biofuels. Sustainability, 2019, 11, 707.	3.2	30
9	Effect of Supercritical Carbon Dioxide Extraction Parameters on the Biological Activities and Metabolites Present in Extracts from Arthrospira platensis. Marine Drugs, 2017, 15, 174.	4.6	26
10	Quantum yield alterations due to the static magnetic fields action on Arthrospira platensis SAG 21.99: Evaluation of photosystem activity. Bioresource Technology, 2019, 292, 121945.	9.6	25
11	Deodorization of <i>Arthrospira platensis</i> biomass for further scaleâ€up food applications. Journal of the Science of Food and Agriculture, 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 smallâ€scale pilot experiment. Journal of Chemical Technology and Biotechnology, 2019, 94, 2047-2054.	3.2	22
13	Thermodynamics and statistical correlation between supercritical-CO2 fluid extraction and bioactivity profile of locally available Mexican plants extracts. Journal of Supercritical Fluids, 2017, 122, 27-34.	3.2	17
14	Identification of Bioactivity, Volatile and Fatty Acid Profile in Supercritical Fluid Extracts of Mexican arnica. International Journal of Molecular Sciences, 2016, 17, 1528.	4.1	12
15	Influence of Supercritical CO2 Extraction on Fatty Acids Profile, Volatile Compounds and Bioactivities from Rosmarinus officinalis. Waste and Biomass Valorization, 2020, 11, 1527-1537.	3.4	10
16	Harvesting of Arthrospira platensis with helicoidal and straight trichomes using filtration and centrifugation. Separation Science and Technology, 2020, 55, 2381-2390.	2.5	9