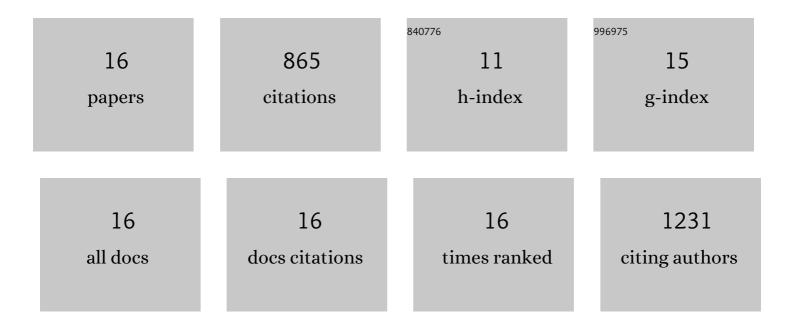
## Madhumanti Mondal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11032547/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Assessment of algal biomass towards removal of Cr(VI) from tannery effluent: a sustainable approach. Environmental Science and Pollution Research, 2022, 29, 61856-61869.	5.3	8
2	Bioconversion of chemically captured carbon dioxide into microalgal lipids, a potential source of biodiesel: An integrated technique. Fuel, 2022, 311, 122549.	6.4	4
3	Estimation of biodiesel properties based on fatty acid profiles of <i>Chlamydomonas</i> sp. BTA 9032 and <i>Chlorella</i> sp. BTA 9031 obtained under mixotrophic cultivation conditions. Biofuels, 2021, 12, 1175-1181.	2.4	14
4	Immobilized Microalgae for Removing Industrial Pollutants: A Greener Technique. , 2021, , 367-384.		2
5	Downstream processing of microalgae for pigments, protein and carbohydrate in industrial application: A review. Food and Bioproducts Processing, 2018, 110, 60-84.	3.6	182
6	Characterization of a fluoride-resistant bacterium Acinetobacter sp. RH5 towards assessment of its water defluoridation capability. Applied Water Science, 2017, 7, 1923-1930.	5.6	31
7	Elucidation of the sorptive uptake of fluoride by Ca 2+ -treated and untreated algal biomass of Nostoc sp. (BTA394): Isotherm, kinetics, thermodynamics and safe disposal. Chemical Engineering Research and Design, 2017, 107, 334-345.	5.6	34
8	Influence of carbon sources and light intensity on biomass and lipid production of Chlorella sorokiniana BTA 9031 isolated from coalfield under various nutritional modes. Energy Conversion and Management, 2017, 145, 247-254.	9.2	68
9	Production of biodiesel from microalgae through biological carbon capture: a review. 3 Biotech, 2017, 7, 99.	2.2	163
10	Biochemical responses to bicarbonate supplementation on biomass and lipid productivity of <i>Chlorella</i> Sp. BTA9031 isolated from Coalmine area. Environmental Progress and Sustainable Energy, 2017, 36, 1498-1506.	2.3	22
11	Effect of macronutrient supplements on growth and biochemical compositions in photoautotrophic cultivation of isolated Asterarcys sp. (BTA9034). Energy Conversion and Management, 2017, 149, 39-51.	9.2	22
12	Carbon dioxide bio-fixation by Chlorella sp. BTA 9031 towards biomass and lipid production: Optimization using Central Composite Design approach. Journal of CO2 Utilization, 2017, 22, 317-329.	6.8	29
13	Biochemical characterization of microalgae collected from north east region of India advancing towards the algaeâ€based commercial production. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 745-754.	1.5	13
14	Role of carbonic anhydrase on the way to biological carbon capture through microalgae—A mini review. Environmental Progress and Sustainable Energy, 2016, 35, 1605-1615.	2.3	73
15	Mixotrophic cultivation of Chlorella sp. BTA 9031 and Chlamydomonas sp. BTA 9032 isolated from coal field using various carbon sources for biodiesel production. Energy Conversion and Management, 2016, 124, 297-304.	9.2	60
16	Progress toward isolation of strains and genetically engineered strains of microalgae for production of biofuel and other value added chemicals: A review. Energy Conversion and Management, 2016, 113, 104-118.	9.2	140