Mahmoud A Masri

List of Publications by Year
in descending order

11	186	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	253
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A sustainable, high-performance process for the economic production of waste-free microbial oils that can replace plant-based equivalents. Energy and Environmental Science, 2019, 12, 2717-2732.	30.8	45
2	Chemisorption of CO₂by chitosan oligosaccharide/DMSO: organic carbamatoâ€“carbonato bond formation. Green Chemistry, 2017, 19, 4305-4314.	9.0	42
3	A waste-free, microbial oil centered cyclic bio-refinery approach based on flexible macroalgae biomass. Applied Energy, 2018, 224, 1-12.	10.1	28
4	A Seagrassâ€Based Biorefinery for Generation of Singleâ€Cell Oils for Biofuel and Oleochemical Production. Energy Technology, 2018, 6, 1026-1038.	3.8	18
5	A Newly Designed Automatically Controlled, Sterilizable Flat Panel Photobioreactor for Axenic Algae Culture. Frontiers in Bioengineering and Biotechnology, 2021, 9, 697354.	4.1	13
6	Strain selection of microalgae isolated from Tunisian coast: characterization of the lipid profile for potential biodiesel production. Bioprocess and Biosystems Engineering, 2018, 41, 1449-1459.	3.4	12
7	Towards a sustainable generation of pseudopterosin-type bioactives. Green Chemistry, 2020, 22, 6033-6046.	9.0	9
8	Identifying carbohydrate-active enzymes of Cutaneotrichosporon oleaginosus using systems biology. Microbial Cell Factories, 2021, 20, 205.	4.0	9
9	Catalytic Decomposition of the Oleaginous Yeast Cutaneotrichosporon Oleaginosus and Subsequent Biocatalytic Conversion of Liberated Free Fatty Acids. ACS Sustainable Chemistry and Engineering, 2019, 7, 6531-6540.	6.7	4
10	Non-invasive Raman spectroscopy for time-resolved in-line lipidomics. RSC Advances, 2021, 11, 28565-28572.	3.6	4
11	PtXâ€Plus: Synergies Through Coupling of PtX Facilities with a Biorefinery. Chemie-Ingenieur-Technik, 2020, 92, 1797-1802.	0.8	1