Adel W Almutairi

List of Publications by Year
in descending order

14	237	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A close-loop integrated approach for microalgae cultivation and efficient utilization of agar-free seaweed residues for enhanced biofuel recovery. Bioresource Technology, 2020, 317, 124027.	9.6	55
2	Valorization of lipidic food waste for enhanced biodiesel recovery through two-step conversion: A novel microalgae-integrated approach. Bioresource Technology, 2021, 342, 125966.	9.6	29
3	Effects of nitrogen and phosphorus limitations on fatty acid methyl esters and fuel properties of Dunaliella salina. Environmental Science and Pollution Research, 2020, 27, 32296-32303.	5.3	28
4	Combined effect of salinity and pH on lipid content and fatty acid composition of Tisochrysis lutea. Saudi Journal of Biological Sciences, 2020, 27, 3553-3558.	3.8	20
5	Response of Pseudokirchneriella subcapitata in Free and Alginate Immobilized Cells to Heavy Metals Toxicity. Molecules, 2020, 25, 2847.	3.8	19
6	Evaluation of high salinity adaptation for lipid bio-accumulation in the green microalga Chlorella vulgaris. Saudi Journal of Biological Sciences, 2021, 28, 3981-3988.	3.8	19
7	Effect of Phytohormones Supplementation under Nitrogen Depletion on Biomass and Lipid Production of Nannochloropsis oceanica for Integrated Application in Nutrition and Biodiesel. Sustainability, 2021, 13, 592.	3.2	17
8	Improvement of Chemical Composition of Tisochrysis lutea Grown Mixotrophically under Nitrogen Depletion towards Biodiesel Production. Molecules, 2020, 25, 4609.	3.8	16
9	Integrated approach for enhanced bio-oil recovery from disposed face masks through co-hydrothermal liquefaction with Spirulina platensis grown in wastewater. Biomass Conversion and Biorefinery, 2023, 13, 11109-11120.	4.6	14
10	Long-term monitoring of the biomass and production of lipids by Nitzschia palea for biodiesel production. Saudi Journal of Biological Sciences, 2020, 27, 2038-2046.	3.8	10
11	Evaluation of halophilic microalgae isolated from Rabigh Red Sea coastal area for biodiesel production: Screening and biochemical studies. Saudi Journal of Biological Sciences, 2022, 29, 103339.	3.8	6
12	Construction of a novel vector for the nuclear transformation of the unicellular green algaChlamydomonas reinhardtiiand its stable expression. Journal of Taibah University for Science, 2019, 13, 529-535.	2.5	3
13	Fatty Acid Profiles and Fuel Properties of Oils from Castor Oil Plants Irrigated by Microalga-treated Wastewater. Egyptian Journal of Botany, 2020, .	0.2	1
14	Phytoplankton Studies of the Rabigh Dam Stream, Makkah Province, Saudi Arabia. Egyptian Journal of Botany, 2019, .	0.2	0