

# Adel W Almutairi

## List of Publications by Year in descending order

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14  
papers

237  
citations

1039880

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1125617

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docs citations

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times ranked

212  
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. <i>Bioresource Technology</i> , 2020, 317, 124027.	4.8	55
2	Valorization of lipidic food waste for enhanced biodiesel recovery through two-step conversion: A novel microalgae-integrated approach. <i>Bioresource Technology</i> , 2021, 342, 125966.	4.8	29
3	Effects of nitrogen and phosphorus limitations on fatty acid methyl esters and fuel properties of <i>Dunaliella salina</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 32296-32303.	2.7	28
4	Combined effect of salinity and pH on lipid content and fatty acid composition of <i>Tisochrysis lutea</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3553-3558.	1.8	20
5	Response of <i>Pseudokirchneriella subcapitata</i> in Free and Alginate Immobilized Cells to Heavy Metals Toxicity. <i>Molecules</i> , 2020, 25, 2847.	1.7	19
6	Evaluation of high salinity adaptation for lipid bio-accumulation in the green microalga <i>Chlorella vulgaris</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3981-3988.	1.8	19
7	Effect of Phytohormones Supplementation under Nitrogen Depletion on Biomass and Lipid Production of <i>Nannochloropsis oceanica</i> for Integrated Application in Nutrition and Biodiesel. <i>Sustainability</i> , 2021, 13, 592.	1.6	17
8	Improvement of Chemical Composition of <i>Tisochrysis lutea</i> Grown Mixotrophically under Nitrogen Depletion towards Biodiesel Production. <i>Molecules</i> , 2020, 25, 4609.	1.7	16
9	Integrated approach for enhanced bio-oil recovery from disposed face masks through co-hydrothermal liquefaction with <i>Spirulina platensis</i> grown in wastewater. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 11109-11120.	2.9	14
10	Long-term monitoring of the biomass and production of lipids by <i>Nitzschia palea</i> for biodiesel production. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2038-2046.	1.8	10
11	Evaluation of halophilic microalgae isolated from Rabigh Red Sea coastal area for biodiesel production: Screening and biochemical studies. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103339.	1.8	6
12	Construction of a novel vector for the nuclear transformation of the unicellular green alga <i>Chlamydomonas reinhardtii</i> and its stable expression. <i>Journal of Taibah University for Science</i> , 2019, 13, 529-535.	1.1	3
13	Fatty Acid Profiles and Fuel Properties of Oils from Castor Oil Plants Irrigated by Microalga-treated Wastewater. <i>Egyptian Journal of Botany</i> , 2020, .	0.1	1
14	Phytoplankton Studies of the Rabigh Dam Stream, Makkah Province, Saudi Arabia. <i>Egyptian Journal of Botany</i> , 2019, .	0.1	0