

# Imen Saadaoui

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

629  
citations

623734

14  
h-index

610901

24  
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36  
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docs citations

36  
times ranked

539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Cyanobacteria ( <i>Roholtiella</i> sp.) Liquid Extract for the Alleviation of Salt Stress in Bell Pepper ( <i>Capsicum annuum</i> L.) Plants Grown in a Soilless System. <i>Plants</i> , 2022, 11, 104.	3.5	15
2	Assessment of novel halo- and thermotolerant desert cyanobacteria for phycobiliprotein production. <i>Process Biochemistry</i> , 2022, 118, 425-437.	3.7	4
3	Marine microbial bioprospecting: Exploitation of marine biodiversity towards biotechnological applications—a review. <i>Journal of Basic Microbiology</i> , 2022, 62, 1030-1043.	3.3	9
4	Techno-economic modelling of high-value metabolites and secondary products from microalgae cultivated in closed photobioreactors with supplementary lighting. <i>Algal Research</i> , 2022, 65, 102733.	4.6	11
5	Marine health of the Arabian Gulf: Drivers of pollution and assessment approaches focusing on desalination activities. <i>Marine Pollution Bulletin</i> , 2021, 164, 112085.	5.0	26
6	Cultivating Microalgae in Desert Conditions: Evaluation of the Effect of Light-Temperature Summer Conditions on the Growth and Metabolism of <i>Nannochloropsis</i> QU130. <i>Applied Sciences</i> (Switzerland), 2021, 11, 3799.	2.5	13
7	Microalgal-based feed: promising alternative feedstocks for livestock and poultry production. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 76.	5.3	68
8	Circular Economy in Basic Supply: Framing the Approach for the Water and Food Sectors of the Gulf Cooperation Council Countries. <i>Sustainable Production and Consumption</i> , 2021, 27, 1273-1285.	11.0	29
9	Enhancement in Bell Pepper ( <i>Capsicum annuum</i> L.) Plants with Application of <i>Roholtiella</i> sp. ( <i>Nostocales</i> ) under Soilless Cultivation. <i>Agronomy</i> , 2021, 11, 1624.	3.0	8
10	“Beyond the Source of Bioenergy” Microalgae in Modern Agriculture as a Biostimulant, Biofertilizer, and Anti-Abiotic Stress. <i>Agronomy</i> , 2021, 11, 1610.	3.0	23
11	<i>Mychonastes homosphaera</i> (Chlorophyceae): A promising feedstock for high quality feed production in the arid environment. <i>Algal Research</i> , 2020, 51, 102021.	4.6	10
12	Sustainable Food Production and Nutraceutical Applications from Qatar Desert <i>Chlorella</i> sp. (Chlorophyceae). <i>Animals</i> , 2020, 10, 1413.	2.3	13
13	Sustainable Production of <i>Nannochloris atomus</i> Biomass Towards Biodiesel Production. <i>Sustainability</i> , 2020, 12, 2008.	3.2	19
14	Algae-Derived Bioactive Compounds with Anti-Lung Cancer Potential. <i>Marine Drugs</i> , 2020, 18, 197.	4.6	57
15	Assessment of the algae-based biofertilizer influence on date palm ( <i>Phoenix dactylifera</i> L.) cultivation. <i>Journal of Applied Phycology</i> , 2019, 31, 457-463.	2.8	27
16	Potential of novel desert microalgae and cyanobacteria for commercial applications and CO <sub>2</sub> sequestration. <i>Journal of Applied Phycology</i> , 2019, 31, 2231-2243.	2.8	28
17	Improvement of both lipid and biomass productivities of Qatar <i>Chlorocystis</i> isolate for biodiesel production and food security. <i>Phycological Research</i> , 2018, 66, 182-188.	1.6	8
18	Screening of Fresh water and Sea water Microalgae strains from Qatar for feed supplement production. , 2018, , .		0

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19	Screening of Qatari Microalgae and Cyanobacteria for Application in CO <sub>2</sub> Utilization. , 2018, , .		0
20	Investigating algal CO <sub>2</sub> capture through screening of Qatari desert microalgae & cyanobacteria strains. Qscience Proceedings, 2016, 2016, 24.	0.0	0
21	Qatar University culture collection: A source of biodiversity and numerous applications. Qscience Proceedings, 2016, , .	0.0	1
22	Cryopreservation of microalgae from desert environments of Qatar. Journal of Applied Phycology, 2016, 28, 2233-2240.	2.8	14
23	Evidence of thermo and halotolerant Nannochloris isolate suitable for biodiesel production in Qatar Culture Collection of Cyanobacteria and Microalgae. Algal Research, 2016, 14, 39-47.	4.6	48
24	Qatar Culture Collection of Microalgae: A Sustainable Source for Biodiesel Production and Omega Fatty Acid Compounds. , 2016, , .		0
25	Desert Microalgae: Potential Source for Food Security in Qatar. , 2016, , .		0
26	Qatar: A Valuable Resource for Autochthonous Microalgae with High Potential for Biofuel Production and Food Security. , 2016, , .		0
27	Phylogenetic diversity of cyanobacteria from Qatar coastal waters. Qscience Proceedings, 2015, , .	0.0	0
28	Overproduction of the Bacillus thuringiensis Vip3Aa16 toxin and study of its insecticidal activity against the carob moth Ectomyelois ceratoniae. Journal of Invertebrate Pathology, 2015, 127, 127-129.	3.2	20
29	Histopathological effects and determination of the putative receptor of Bacillus thuringiensis Cry1Da toxin in Spodoptera littoralis midgut. Journal of Invertebrate Pathology, 2013, 112, 142-145.	3.2	26
30	Investigation of Antimicrobial Activity and Statistical Optimization of <i>Bacillus subtilis</i> SPB1 Biosurfactant Production in Solid-State Fermentation. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-12.	3.0	96
31	Characterization of Tunisian Bacillus thuringiensis Strains with Abundance of kurstaki Subspecies Harbouring Insecticidal Activities Against the Lepidopteran Insect Ephestia kuehniella. Current Microbiology, 2010, 61, 541-548.	2.2	14
32	Evidence of the Involvement of E358, A498 and C571 of a New Cry1Ac $\delta$ -endotoxin of Bacillus thuringiensis in its High Insecticidal Activity Against Ephestia kuehniella. Molecular Biotechnology, 2010, 45, 65-70.	2.4	3
33	A new Tunisian strain of Bacillus thuringiensis kurstaki having high insecticidal activity and $\delta$ -endotoxin yield. Archives of Microbiology, 2009, 191, 341-348.	2.2	28
34	Improvement of <i>Bacillus thuringiensis</i> Bacteriocin Production Through Culture Conditions Optimization. Preparative Biochemistry and Biotechnology, 2009, 39, 400-412.	1.9	11
35	Evaluation of Roholtiella sp. Extract on Bell Pepper (Capsicum annum L.) Yield and Quality in a Hydroponic Greenhouse System. Frontiers in Plant Science, 0, 13, .	3.6	0