

Imen Saadaoui

List of Publications by Year in descending order

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35
papers

629
citations

623734

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24
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36
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docs citations

36
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Antimicrobial Activity and Statistical Optimization of <i>Bacillus subtilis</i> SPB1 Biosurfactant Production in Solid-State Fermentation. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	96
2	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
3	Algae-Derived Bioactive Compounds with Anti-Lung Cancer Potential. <i>Marine Drugs</i> , 2020, 18, 197.	4.6	57
4	Evidence of thermo and halotolerant <i>Nannochloris</i> isolate suitable for biodiesel production in Qatar Culture Collection of Cyanobacteria and Microalgae. <i>Algal Research</i> , 2016, 14, 39-47.	4.6	48
5	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
6	A new Tunisian strain of <i>Bacillus thuringiensis</i> kurstaki having high insecticidal activity and Î-endotoxin yield. <i>Archives of Microbiology</i> , 2009, 191, 341-348.	2.2	28
7	Potential of novel desert microalgae and cyanobacteria for commercial applications and CO2 sequestration. <i>Journal of Applied Phycology</i> , 2019, 31, 2231-2243.	2.8	28
8	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
9	Histopathological effects and determination of the putative receptor of <i>Bacillus thuringiensis</i> Cry1Da toxin in <i>Spodoptera littoralis</i> midgut. <i>Journal of Invertebrate Pathology</i> , 2013, 112, 142-145.	3.2	26
10	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
11	“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
12	Overproduction of the <i>Bacillus thuringiensis</i> Vip3Aa16 toxin and study of its insecticidal activity against the carob moth <i>Ectomyelois ceratoniae</i> . <i>Journal of Invertebrate Pathology</i> , 2015, 127, 127-129.	3.2	20
13	Sustainable Production of <i>Nannochloris atomus</i> Biomass Towards Biodiesel Production. <i>Sustainability</i> , 2020, 12, 2008.	3.2	19
14	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
15	Characterization of Tunisian <i>Bacillus thuringiensis</i> Strains with Abundance of kurstaki Subspecies Harbouring Insecticidal Activities Against the Lepidopteran Insect <i>Epehestia kuehniella</i> . <i>Current Microbiology</i> , 2010, 61, 541-548.	2.2	14
16	Cryopreservation of microalgae from desert environments of Qatar. <i>Journal of Applied Phycology</i> , 2016, 28, 2233-2240.	2.8	14
17	Sustainable Food Production and Nutraceutical Applications from Qatar Desert <i>Chlorella</i> sp. (<i>Chlorophyceae</i>). <i>Animals</i> , 2020, 10, 1413.	2.3	13
18	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

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19	Improvement of <i>Bacillus thuringiensis</i> Bacteriocin Production Through Culture Conditions Optimization. <i>Preparative Biochemistry and Biotechnology</i> , 2009, 39, 400-412.	1.9	11
20	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
21	<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
22	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
23	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
24	Enhancement in Bell Pepper (<i>Capsicum annum</i> L.) Plants with Application of <i>Roholtiella</i> sp. (Nostocales) under Soilless Cultivation. <i>Agronomy</i> , 2021, 11, 1624.	3.0	8
25	Assessment of novel halo- and thermotolerant desert cyanobacteria for phycobiliprotein production. <i>Process Biochemistry</i> , 2022, 118, 425-437.	3.7	4
26	Evidence of the Involvement of E358, A498 and C571 of a New Cry1Ac Î-endotoxin of <i>Bacillus thuringiensis</i> in its High Insecticidal Activity Against <i>Ephestia kuehniella</i> . <i>Molecular Biotechnology</i> , 2010, 45, 65-70.	2.4	3
27	Qatar University culture collection: A source of biodiversity and numerous applications. <i>Qscience Proceedings</i> , 2016, , .	0.0	1
28	Phylogenetic diversity of cyanobacteria from Qatar coastal waters. <i>Qscience Proceedings</i> , 2015, , .	0.0	0
29	Investigating algal CO2 capture through screening of Qatari desert microalgae & cyanobacteria strains. <i>Qscience Proceedings</i> , 2016, 2016, 24.	0.0	0
30	Qatar Culture Collection of Microalgae: A Sustainable Source for Biodiesel Production and Omega Fatty Acid Compounds. , 2016, , .		0
31	Desert Microalgae: Potential Source for Food Security in Qatar. , 2016, , .		0
32	Qatar: A Valuable Resource for Autochthonous Microalgae with High Potential for Biofuel Production and Food Security. , 2016, , .		0
33	Screening of Fresh water and Sea water Microalgae strains from Qatar for feed supplement production. , 2018, , .		0
34	Screening of Qatari Microalgae and Cyanobacteria for Application in CO2 Utilization. , 2018, , .		0
35	Evaluation of <i>Roholtiella</i> sp. Extract on Bell Pepper (<i>Capsicum annum</i> L.) Yield and Quality in a Hydroponic Greenhouse System. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	0