

# Zouhaier Barhoumi

## List of Publications by Year in descending order

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26  
papers

747  
citations

687363

13  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined effects of salinity and nitrogen levels on some physiological and biochemical aspects at the halophytic forage legume <i>Sulla carnosa</i> . Archives of Agronomy and Soil Science, 2023, 69, 119-134.	2.6	3
2	Effects of high salinity on photosynthesis characteristics, leaf histological components and chloroplasts ultrastructure of <i>Avicennia marina</i> seedlings. Acta Physiologiae Plantarum, 2022, 44, .	2.1	3
3	Anticancer, anti-proliferative activity of <i>Avicennia marina</i> plant extracts. Journal of Cancer Research and Therapeutics, 2021, 17, 879.	0.9	7
4	Physiological response of the facultative halophyte, <i>Aeluropus litoralis</i> , to different salt types and levels. Plant Biosystems, 2019, 153, 298-305.	1.6	7
5	Salt Tolerance and Potential Uses for Saline Agriculture of Halophytes from the Poaceae. Tasks for Vegetation Science, 2019, , 223-237.	0.6	10
6	Plant Hormones: Potent Targets for Engineering Salinity Tolerance in Plants. , 2018, , 159-184.		7
7	Proteomic responses in shoots of the facultative halophyte <i>Aeluropus litoralis</i> (Poaceae) under NaCl salt stress. Functional Plant Biology, 2016, 43, 1028.	2.1	12
8	Is excessive Ca the main factor responsible for Mg deficiency in <i>Sulla carnosa</i> on calcareous soils?. Journal of Soils and Sediments, 2015, 15, 1483-1490.	3.0	10
9	Insights into the physiological responses of the facultative halophyte <i>Aeluropus litoralis</i> to the combined effects of salinity and phosphorus availability. Journal of Plant Physiology, 2015, 189, 1-10.	3.5	17
10	Influence of municipal solid waste (MSW) compost on hormonal status and biomass partitioning in two forage species growing under saline soil conditions. Ecological Engineering, 2014, 64, 142-150.	3.6	21
11	Starch and sugar accumulation in <i>Sulla carnosa</i> leaves upon Mg <sup>2+</sup> starvation. Acta Physiologiae Plantarum, 2014, 36, 2157-2165.	2.1	21
12	Effects of two composts and two grasses on microbial biomass and biological activity in a salt-affected soil. Ecological Engineering, 2013, 60, 363-369.	3.6	55
13	Investigation of embryo growth and reserve mobilization of water or salt imbibed seeds of <i>Crithmum maritimum</i> L.. Acta Botanica Gallica, 2012, 159, 17-24.	0.9	4
14	Localization of potential ion transport pathways in vesicular trichome cells of <i>Atriplex halimus</i> L.. Protoplasma, 2011, 248, 363-372.	2.1	26
15	Factors controlling germination and dormancy processes in dimorphic fruits of <i>Atriplex inflata</i> (Chenopodiaceae). Plant Ecology and Evolution, 2011, 144, 307-312.	0.7	9
16	Nitrogen and NaCl salinity effects on the growth and nutrient acquisition of the grasses <i>Aeluropus litoralis</i> , <i>Catapodium rigidum</i> , and <i>Brachypodium distachyum</i> . Journal of Plant Nutrition and Soil Science, 2010, 173, 149-157.	1.9	24
17	The mericarp of the halophyte <i>Crithmum maritimum</i> (Apiaceae): structural features, germination, and salt distribution. Biologia (Poland), 2010, 65, 489-495.	1.5	6
18	Histochemical Localization of Essential Oils and Bioactive Substances in the Seed Coat of the Halophyte <i>Crithmum maritimum</i> L. (Apiaceae). Journal of Plant Biology, 2009, 52, 448-452.	2.1	14

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19	Evaluation of the capacity of three halophytes to desalinize their rhizosphere as grown on saline soils under nonleaching conditions. <i>African Journal of Ecology</i> , 2009, 47, 463-468.	0.9	104
20	ABA, GA3, and nitrate may control seed germination of <i>Crithmum maritimum</i> (Apiaceae) under saline conditions. <i>Comptes Rendus - Biologies</i> , 2009, 332, 704-710.	0.2	63
21	Ultrastructure of <i>Aeluropus littoralis</i> leaf salt glands under NaCl stress. <i>Protoplasma</i> , 2008, 233, 195-202.	2.1	43
22	Interactive effects of salinity and iron deficiency in <i>Medicago ciliaris</i> . <i>Comptes Rendus - Biologies</i> , 2007, 330, 779-788.	0.2	77
23	Contribution of NaCl excretion to salt resistance of <i>Aeluropus littoralis</i> (Willd) Parl. <i>Journal of Plant Physiology</i> , 2007, 164, 842-850.	3.5	98
24	Effect of Two Nitrogen Forms on the Growth and Iron Nutrition of Pea Cultivated in Presence of Bicarbonate. <i>Journal of Plant Nutrition</i> , 2007, 30, 1953-1965.	1.9	11
25	Salt impact on photosynthesis and leaf ultrastructure of <i>Aeluropus littoralis</i> . <i>Journal of Plant Research</i> , 2007, 120, 529-537.	2.4	71
26	Potential utilisation of halophytes for the rehabilitation and valorisation of salt-affected areas in Tunisia. , 2006, , 163-172.		24