

Zouhaier Barhoumi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

747
citations

687363

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all docs

26
docs citations

26
times ranked

893
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Interactive effects of salinity and iron deficiency in <i>Medicago ciliaris</i> . <i>Comptes Rendus - Biologies</i> , 2007, 330, 779-788.	0.2	77
4	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
5	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
6	Effects of two composts and two grasses on microbial biomass and biological activity in a salt-affected soil. <i>Ecological Engineering</i> , 2013, 60, 363-369.	3.6	55
7	Ultrastructure of <i>Aeluropus littoralis</i> leaf salt glands under NaCl stress. <i>Protoplasma</i> , 2008, 233, 195-202.	2.1	43
8	Localization of potential ion transport pathways in vesicular trichome cells of <i>Atriplex halimus</i> L.. <i>Protoplasma</i> , 2011, 248, 363-372.	2.1	26
9	Potential utilisation of halophytes for the rehabilitation and valorisation of salt-affected areas in Tunisia. , 2006, , 163-172.		24
10	Nitrogen and NaCl salinity effects on the growth and nutrient acquisition of the grasses <i>Aeluropus littoralis</i> , <i>Catapodium rigidum</i> , and <i>Brachypodium distachyum</i> . <i>Journal of Plant Nutrition and Soil Science</i> , 2010, 173, 149-157.	1.9	24
11	Influence of municipal solid waste (MSW) compost on hormonal status and biomass partitioning in two forage species growing under saline soil conditions. <i>Ecological Engineering</i> , 2014, 64, 142-150.	3.6	21
12	Starch and sugar accumulation in <i>Sulla carnosus</i> leaves upon Mg ²⁺ starvation. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2157-2165.	2.1	21
13	Insights into the physiological responses of the facultative halophyte <i>Aeluropus littoralis</i> to the combined effects of salinity and phosphorus availability. <i>Journal of Plant Physiology</i> , 2015, 189, 1-10.	3.5	17
14	Histochemical Localization of Essential Oils and Bioactive Substances in the Seed Coat of the Halophyte <i>Crithmum maritimum</i> L. (Apiaceae). <i>Journal of Plant Biology</i> , 2009, 52, 448-452.	2.1	14
15	Proteomic responses in shoots of the facultative halophyte <i>Aeluropus littoralis</i> (Poaceae) under NaCl salt stress. <i>Functional Plant Biology</i> , 2016, 43, 1028.	2.1	12
16	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
17	Is excessive Ca the main factor responsible for Mg deficiency in <i>Sulla carnosus</i> on calcareous soils?. <i>Journal of Soils and Sediments</i> , 2015, 15, 1483-1490.	3.0	10
18	Salt Tolerance and Potential Uses for Saline Agriculture of Halophytes from the Poaceae. <i>Tasks for Vegetation Science</i> , 2019, , 223-237.	0.6	10

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19	Factors controlling germination and dormancy processes in dimorphic fruits of <i>Atriplex inflata</i> (Chenopodiaceae). <i>Plant Ecology and Evolution</i> , 2011, 144, 307-312.	0.7	9
20	Plant Hormones: Potent Targets for Engineering Salinity Tolerance in Plants. , 2018, , 159-184.		7
21	Physiological response of the facultative halophyte, <i>Aeluropus litoralis</i> , to different salt types and levels. <i>Plant Biosystems</i> , 2019, 153, 298-305.	1.6	7
22	Anticancer, anti-proliferative activity of <i>Avicennia marina</i> plant extracts. <i>Journal of Cancer Research and Therapeutics</i> , 2021, 17, 879.	0.9	7
23	The mericarp of the halophyte <i>Crithmum maritimum</i> (Apiaceae): structural features, germination, and salt distribution. <i>Biologia (Poland)</i> , 2010, 65, 489-495.	1.5	6
24	Investigation of embryo growth and reserve mobilization of water or salt imbibed seeds of <i>Crithmum maritimum</i> L.. <i>Acta Botanica Gallica</i> , 2012, 159, 17-24.	0.9	4
25	Combined effects of salinity and nitrogen levels on some physiological and biochemical aspects at the halophytic forage legume <i>Sulla carnosus</i> . <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 119-134.	2.6	3
26	Effects of high salinity on photosynthesis characteristics, leaf histological components and chloroplasts ultrastructure of <i>Avicennia marina</i> seedlings. <i>Acta Physiologiae Plantarum</i> , 2022, 44, .	2.1	3