

Mokded Rabhi

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

2,130
citations

279487

23
h-index

243296

44
g-index

71
all docs

71
docs citations

71
times ranked

2488
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of compost use in salt-affected soil. <i>Journal of Hazardous Materials</i> , 2009, 171, 29-37.	6.5	223
2	Effects of magnesium deficiency on photosynthesis and carbohydrate partitioning. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	179
3	Phytodesalination of a salt-affected soil with the halophyte <i>Sesuvium portulacastrum</i> L. to arrange in advance the requirements for the successful growth of a glycophytic crop. <i>Bioresource Technology</i> , 2010, 101, 6822-6828.	4.8	131
4	Physiological and antioxidant responses of <i>Mentha pulegium</i> (Pennyroyal) to salt stress. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 289-296.	1.0	118
5	Evaluation of the capacity of three halophytes to desalinate their rhizosphere as grown on saline soils under nonleaching conditions. <i>African Journal of Ecology</i> , 2009, 47, 463-468.	0.4	104
6	Exogenous proline mediates alleviation of cadmium stress by promoting photosynthetic activity, water status and antioxidative enzymes activities of young date palm (<i>Phoenix dactylifera</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 100-108.	2.9	104
7	Application of municipal solid waste compost reduces the negative effects of saline water in <i>Hordeum maritimum</i> L.. <i>Bioresource Technology</i> , 2008, 99, 7160-7167.	4.8	90
8	Salt effect on yield and composition of shoot essential oil and trichome morphology and density on leaves of <i>Mentha pulegium</i> . <i>Industrial Crops and Products</i> , 2009, 30, 338-343.	2.5	79
9	Interactive effects of salinity and iron deficiency in <i>Medicago ciliaris</i> . <i>Comptes Rendus - Biologies</i> , 2007, 330, 779-788.	0.1	77
10	Interactive effects of salinity and potassium availability on growth, water status, and ionic composition of <i>Hordeum maritimum</i> . <i>Journal of Plant Nutrition and Soil Science</i> , 2007, 170, 469-473.	1.1	68
11	Photosynthetic responses to salinity in two obligate halophytes: <i>Sesuvium portulacastrum</i> and <i>Tecticornia indica</i> . <i>South African Journal of Botany</i> , 2012, 79, 39-47.	1.2	60
12	Alleviation of phosphorus deficiency stress by moderate salinity in the halophyte <i>Hordeum maritimum</i> L.. <i>Plant Growth Regulation</i> , 2012, 66, 75-85.	1.8	49
13	PHYTODESALINATION OF A MODERATELY-SALT-AFFECTED SOIL BY <i>SULLA CARNOSA</i> . <i>International Journal of Phytoremediation</i> , 2013, 15, 398-404.	1.7	42
14	Effect of salinity on germination, phytase activity and phytate content in lettuce seedling. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 935-942.	1.0	38
15	Preferential damaging effects of limited magnesium bioavailability on photosystem I in <i>Sulla carnosa</i> plants. <i>Planta</i> , 2015, 241, 1189-1206.	1.6	38
16	Different antioxidant responses to salt stress in two different provenances of <i>Carthamus tinctorius</i> L.. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 1435-1444.	1.0	36
17	The halophytic model plant <i>Thellungiella salsuginea</i> exhibited increased tolerance to phenanthrene-induced stress in comparison with the glycophytic one <i>Arabidopsis thaliana</i> : Application for phytoremediation. <i>Ecological Engineering</i> , 2015, 74, 125-134.	1.6	36
18	EFFECTS OF ENVIRONMENT AND DEVELOPMENT STAGE ON PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITIES OF <i>MENTHA PULEGIUM</i> L.. <i>Journal of Food Biochemistry</i> , 0, 34, 79-89.	1.2	31

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19	Physiological and biochemical responses for two cultivars of <i>Pisum sativum</i> (‘Merveille de Kelvedon’) Tj ETQq1,1 0.7843,14 rgBT 10	1.7	31
20	Distribution of phenolic compounds and antioxidant activity between young and old leaves of <i>Carthamus tinctorius</i> L. and their induction by salt stress. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1161-1169.	1.0	30
21	Alfalfa crops amended with MSW compost can compensate the effect of salty water irrigation depending on the soil texture. <i>Chemical Engineering Research and Design</i> , 2018, 115, 8-16.	2.7	30
22	Localization of potential ion transport pathways in vesicular trichome cells of <i>Atriplex halimus</i> L.. <i>Protoplasma</i> , 2011, 248, 363-372.	1.0	26
23	<i>Sesuvium portulacastrum</i> maintains adequate gas exchange, pigment composition, and thylakoid proteins under moderate and high salinity. <i>Journal of Plant Physiology</i> , 2010, 167, 1336-1341.	1.6	25
24	Interactive effects of excessive potassium and Mg deficiency on safflower. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2737-2745.	1.0	25
25	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> . <i>Journal of Plant Nutrition and Soil Science</i> , 2010, 173, 149-157.	1.1	24
26	In vitro digestion, antioxidant and antiacetylcholinesterase activities of two species of <i>Ruta</i> : <i>Ruta chalepensis</i> and <i>Ruta montana</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 101-107.	1.3	22
27	Salt-imposed restrictions on the uptake of macroelements by roots of <i>Arabidopsis thaliana</i> . <i>Acta Physiologiae Plantarum</i> , 2008, 30, 723-727.	1.0	21
28	OPTIMIZATION OF SALT CONCENTRATIONS FOR A HIGHER CAROTENOID PRODUCTION IN <i>DUNALIELLA SALINA</i> (CHLOROPHYCEAE). <i>Journal of Phycology</i> , 2011, 47, 1072-1077.	1.0	21
29	Starch and sugar accumulation in <i>Sulla carnosa</i> leaves upon Mg ²⁺ starvation. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2157-2165.	1.0	21
30	Cross-tolerance to abiotic stresses in halophytes: application for phytoremediation of organic pollutants. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	21
31	Structural and functional integrity of <i>Sulla carnosa</i> photosynthetic apparatus under iron deficiency conditions. <i>Plant Biology</i> , 2018, 20, 415-425.	1.8	20
32	Differences in efficient metabolite management and nutrient metabolic regulation between wild and cultivated barley grown at high salinity. <i>Plant Biology</i> , 2009, 12, 650-8.	1.8	19
33	Interactive effects of salinity, nitrate, light, and seed weight on the germination of the halophyte <i>Crithmum maritimum</i> . <i>Acta Biologica Hungarica</i> , 2009, 60, 433-439.	0.7	18
34	New parameters for a better evaluation of vegetative bioremediation, leaching, and phytodesalination. <i>Journal of Theoretical Biology</i> , 2015, 383, 7-11.	0.8	18
35	Effects of potassium supply on growth, gas exchange, phenolic composition, and related antioxidant properties in the forage legume <i>Sulla carnosa</i> . <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2016, 223, 38-45.	0.6	18
36	Selection of a halophyte that could be used in the bioreclamation of salt-affected soils in arid and semi-arid regions. , 2008, , 241-246.		16

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37	Characterization, Antimicrobial and Anticancer Properties of Palladium Nanoparticles Biosynthesized Optimally Using Saudi Propolis. <i>Nanomaterials</i> , 2021, 11, 2666.	1.9	16
38	Iron deficiency tolerance traits in wild (<i>Hordeum maritimum</i>) and cultivated barley (<i>Hordeum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	0.1	14
39	Differential performance of two forage species, <i>Medicago truncatula</i> and <i>Sulla carnosa</i> , under water-deficit stress and recovery. <i>Crop and Pasture Science</i> , 2013, 64, 254.	0.7	12
40	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.	0.9	11
41	Ecophysiological aspects in 105 plants species of saline and arid environments in Tunisia. <i>Journal of Arid Land</i> , 2014, 6, 762-770.	0.9	11
42	Nutrient uptake and management under saline conditions in the xerohalophyte: <i>Tecticornia indica</i> (Willd.) subsp. <i>indica</i> . <i>Acta Biologica Hungarica</i> , 2010, 61, 486-497.	0.7	10
43	Is excessive Ca the main factor responsible for Mg deficiency in <i>Sulla carnosa</i> on calcareous soils?. <i>Journal of Soils and Sediments</i> , 2015, 15, 1483-1490.	1.5	10
44	<i>Sulla carnosa</i> modulates root invertase activity in response to the inhibition of long-distance sucrose transport under magnesium deficiency. <i>Plant Biology</i> , 2016, 18, 1031-1037.	1.8	10
45	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
46	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.	0.3	9
47	EFFECTS OF THE HALOPHYTES <i>TECTICORNIA INDICA</i> AND <i>SUAEDA FRUTICOSA</i> ON SOIL ENZYME ACTIVITIES IN A MEDITERRANEAN SABKHA. <i>International Journal of Phytoremediation</i> , 2013, 15, 188-197.	1.7	9
48	Silicon (Si) Alleviates Iron Deficiency Effects in Sea Barley (<i>Hordeum marinum</i>) by Enhancing Iron Accumulation and Photosystem Activities. <i>Silicon</i> , 2022, 14, 6697-6712.	1.8	9
49	The Halophyte <i>Cakilemaritima</i> Reduces Phenanthrene Phytotoxicity. <i>International Journal of Phytoremediation</i> , 2015, 17, 925-928.	1.7	8
50	Physiological and biochemical responses of the forage legume <i>Trifolium alexandrinum</i> to different saline conditions and nitrogen levels. <i>Journal of Plant Research</i> , 2016, 129, 423-434.	1.2	8
51	Do carbohydrate metabolism and partitioning contribute to the higher salt tolerance of <i>Hordeum marinum</i> compared to <i>Hordeum vulgare</i> ?. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	1.0	8
52	RESPONSES OF TWO LETTUCE CULTIVARS TO IRON DEFICIENCY. <i>Experimental Agriculture</i> , 2012, 48, 523-535.	0.4	7
53	Moderate salinity reduced phenanthrene-induced stress in the halophyte plant model <i>Thellungiella salsuginea</i> compared to its glycophyte relative <i>Arabidopsis thaliana</i> : Cross talk and metabolite profiling. <i>Chemosphere</i> , 2016, 155, 453-462.	4.2	7
54	Physiological responses of <i>Carthamus tinctorius</i> to CaCl ₂ salinity under Mg-sufficient and Mg-deficient conditions. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018, 246-247, 96-101.	0.6	7

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55	Do Specialized Cells Play a Major Role in Organic Xenobiotic Detoxification in Higher Plants?. <i>Frontiers in Plant Science</i> , 2020, 11, 1037.	1.7	7
56	Implication of Rhizosphere Acidification in Nutrient Uptake by Plants: Cases of Potassium (K), Phosphorus (P), and Iron (Fe). , 2015, , 103-122.		6
57	Physiological responses of <i>Arabidopsis thaliana</i> to the interaction of iron deficiency and nitrogen form. <i>Acta Biologica Hungarica</i> , 2010, 61, 204-213.	0.7	5
58	Physiological and anatomical adaptations induced by flooding in <i>Cotula coronopifolia</i> . <i>Acta Biologica Hungarica</i> , 2011, 62, 182-193.	0.7	5
59	Nutrient uptake and use efficiencies in <i>Medicago ciliaris</i> under salinity. <i>Journal of Plant Nutrition</i> , 2016, 39, 932-941.	0.9	5
60	Silicon Seed Priming Enhances Salt Tolerance of Barley Seedlings through Early ROS Detoxification and Stimulation of Antioxidant Defence. <i>Silicon</i> , 2023, 15, 37-60.	1.8	5
61	Cu-tolerant <i>Sinorhizobium meliloti</i> strain is beneficial for growth, Cu accumulation, and mineral uptake of alfalfa plants grown in Cu excess. <i>Archives of Agronomy and Soil Science</i> , 2015, 61, 1707-1718.	1.3	3
62	Do medium- and long-term magnesium deficiencies affect potassium and calcium nutrition in <i>Sulla carnosa</i> ?. <i>Journal of Agricultural Economics</i> , 2017, , .	0.1	3
63	Biosynthesis and characterization of Saudi propolis-mediated silver nanoparticles and their biological properties. <i>Open Physics</i> , 2021, 19, 753-757.	0.8	3
64	Anatomy of the fruit of the halophyte <i>Crithmum maritimum</i> L. with emphasis on the endosperm structure and histochemistry. <i>African Journal of Biotechnology</i> , 2011, 10, 9193-9199.	0.3	1
65	Spatial and Temporal Variation of Parameters in Wadi Andlou, Tunisiaâ€Pollution by Pulp Mill Discharge. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1500471.	0.7	1
66	Optimal salt treatment alleviates detrimental effects of severe nutrient deficiencies in <i>Sesuvium portulacastrum</i> . <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1
67	Nitrogen Source Differently Regulates Barley (<i>Hordeum vulgare</i>) Response to NaCl Stress At Seed Germination and Early Seedling Development Stages. <i>Cereal Research Communications</i> , 2015, 43, 225-235.	0.8	0
68	Paper Industry Effluent Short and Long Effect on Soil Heavy Metals Accumulation and Phytoremediation. <i>Advances in Science, Technology and Innovation</i> , 2018, , 583-584.	0.2	0
69	Ability of <i>Sesuvium portulacastrum</i> to Accumulate Sodium and Potassium from Saline Media. <i>Asian Journal of Plant Sciences</i> , 2021, 21, 99-105.	0.2	0