

# 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  | 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         |
| 2  | 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         |
| 3  | Characterization, Antimicrobial and Anticancer Properties of Palladium Nanoparticles Biosynthesized Optimally Using Saudi Propolis. <i>Nanomaterials</i> , 2021, 11, 2666.   | 1.9 | 16        |
| 4  | 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         |
| 5  | Biosynthesis and characterization of Saudi propolis-mediated silver nanoparticles and their biological properties. <i>Open Physics</i> , 2021, 19, 753-757.  | 0.8 | 3         |
| 6  | 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         |
| 7  | 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         |
| 8  | 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        |
| 9  | 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         |
| 10 | 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        |
| 11 | 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         |
| 12 | 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        |
| 13 | Physiological responses of <i>Carthamus tinctorius</i> to CaCl <sub>2</sub> 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         |
| 14 | 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         |
| 15 | 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        |
| 16 | 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         |
| 17 | Effects of magnesium deficiency on photosynthesis and carbohydrate partitioning. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.   | 1.0 | 179       |
| 18 | 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        |

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|----|---|-----|-----------|
| 19 | 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         |
| 20 | <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        |
| 21 | 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         |
| 22 | 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       |
| 23 | 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         |
| 24 | Implication of Rhizosphere Acidification in Nutrient Uptake by Plants: Cases of Potassium (K), Phosphorus (P), and Iron (Fe)., 2015, , 103-122.   |     | 6         |
| 25 | The Halophyte <i>Cakile maritima</i> Reduces Phenanthrene Phytotoxicity. <i>International Journal of Phytoremediation</i> , 2015, 17, 925-928.  | 1.7 | 8         |
| 26 | 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        |
| 27 | 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         |
| 28 | 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        |
| 29 | 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         |
| 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 | 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        |
| 32 | 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        |
| 33 | 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        |
| 34 | Starch and sugar accumulation in <i>Sulla carnosa</i> leaves upon Mg <sup>2+</sup> starvation. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2157-2165.  | 1.0 | 21        |
| 35 | 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        |
| 36 | Interactive effects of excessive potassium and Mg deficiency on safflower. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2737-2745.  | 1.0 | 25        |

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|----|--|-----|-----------|
| 37 | 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         |
| 38 | 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        |
| 39 | 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        |
| 40 | RESPONSES OF TWO LETTUCE CULTIVARS TO IRON DEFICIENCY. <i>Experimental Agriculture</i> , 2012, 48, 523-535.  | 0.4 | 7         |
| 41 | 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        |
| 42 | 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        |
| 43 | 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         |
| 44 | 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        |
| 45 | 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        |
| 46 | 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        |
| 47 | 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        |
| 48 | 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         |
| 49 | Physiological and anatomical adaptations induced by flooding in <i>Cotula coronopifolia</i> . <i>Acta Biologica Hungarica</i> , 2011, 62, 182-193.   | 0.7 | 5         |
| 50 | 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. | 1.1 | 24        |
| 51 | 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        |
| 52 | 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       |
| 53 | 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       |
| 54 | 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         |

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|----|--|-----|-----------|
| 55 | Sesuvium portulacastrum 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        |
| 56 | Physiological and biochemical responses for two cultivars of <i>Pisum sativum</i> (‘Merveille de Kelvedon’) Tj ETQq0 0 rgBT /Overlock 31   | 1.7 | 31        |
| 57 | 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        |
| 58 | Effectiveness of compost use in salt-affected soil. <i>Journal of Hazardous Materials</i> , 2009, 171, 29-37.  | 6.5 | 223       |
| 59 | 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.                     | 0.4 | 104       |
| 60 | 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        |
| 61 | Iron deficiency tolerance traits in wild ( <i>Hordeum maritimum</i> ) and cultivated barley ( <i>Hordeum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T   | 0.7 | 14        |
| 62 | 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        |
| 63 | 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        |
| 64 | 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        |
| 65 | 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        |
| 66 | Interactive effects of salinity and iron deficiency in <i>Medicago ciliaris</i> . <i>Comptes Rendus - Biologies</i> , 2007, 330, 779-788.  | 0.1 | 77        |
| 67 | 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        |
| 68 | 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        |
| 69 | 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        |