# Mohammad Miransari

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 65 papers | 3,376 citations | 257450 24 h-index | 265206 42 g-index |
| 66 all docs | 66 docs citations | 66 times ranked | 3660 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The physicochemical approaches of altering growth and biochemical properties of medicinal plants in saline soils. Applied Microbiology and Biotechnology, 2022, 106, 1895-1904. | 3.6 | 5 |
| 2 | The biological approaches of altering the growth and biochemical properties of medicinal plants under salinity stress. Applied Microbiology and Biotechnology, 2021, 105, 7201-7213. | 3.6 | 17 |
| 3 | Genomic Research Favoring Higher Soybean Production. Current Genomics, 2020, 21, 481-490. | 1.6 | 7 |
| 4 | The Antioxidant, Anticarcinogenic and Antimicrobial Properties of Verbascum thapsus L.. Medicinal Chemistry, 2020, 16, 991-995. | 1.5 | 8 |
| 5 | Sustainable wheat (Triticum aestivum L.) production in saline fields: a review. Critical Reviews in Biotechnology, 2019, 39, 999-1014. | 9.0 | 74 |
| 6 | The phytochemical variability of fatty acids in basil seeds (Ocimum basilicum L.) affected by genotype and geographical differences. Food Chemistry, 2019, 276, 700-706. | 8.2 | 30 |
| 7 | Arbuscular Mycorrhizal Fungi and Heavy Metal Tolerance in Plants. , 2017, , 147-161. | | 45 |
| 8 | The importance of soybean production worldwide. , 2016, , 1-26. | | 61 |
| 9 | Enhancing soybean response to biotic and abiotic stresses. , 2016, , 53-77. | | 5 |
| 10 | Soybean N fixation and production of soybean inocula. , 2016, , 107-129. | | 2 |
| 11 | Soybean production and salinity stress. , 2016, , 157-176. | | 11 |
| 12 | Soybean production and heavy metal stress. , 2016, , 197-216. | | 8 |
| 13 | Strategies, challenges, and future perspectives for soybean production under stress. , 2016, , 285-309. | | 1 |
| 14 | Stress and Mycorrhizal Plant. Fungal Biology, 2016, , 63-79. | 0.6 | 5 |
| 15 | Soybean production and N fertilization. , 2016, , 241-260. | | 5 |
| 16 | Uptake of Heavy Metals by Mycorrhizal Barley (Hordeum vulgareL.). Journal of Plant Nutrition, 2015, 38, 904-919. | 1.9 | 6 |
| 17 | Development of Soil N Testing for Wheat Production using Soil Residual Mineral N. Journal of Plant Nutrition, 2015, 38, 1995-2005. | 1.9 | 11 |
| 18 | Phytoremediation Using Microbial Communities: I. , 2015, , 177-182. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Interactions of Soil Microbes, Arbuscular Mycorrhizal Fungi and N-Fixing Bacteria, Rhizobium, Under Different Conditions Including Stress. , 2014, , 1-21. | | 2 |
| 20 | The Role of Arbuscular Mycorrhizal Fungi in Alleviation of Salt Stress. , 2014, , 23-38. | | 43 |
| 21 | Plant hormones and seed germination. Environmental and Experimental Botany, 2014, 99, 110-121. | 4.2 | 521 |
| 22 | EFFECT OF OLIVE OIL ON THE SURVIVAL RATE OFBRADYRHIZOBIUM JAPONICUMIN SOME LIQUID CARRIERS. Journal of Plant Nutrition, 2014, 37, 869-874. | 1.9 | 0 |
| 23 | Plant Growth Promoting Rhizobacteria. Journal of Plant Nutrition, 2014, 37, 2227-2235. | 1.9 | 54 |
| 24 | Plant Signaling under Environmental Stress. , 2014, , 541-555. | | 3 |
| 25 | Plant hormones as signals in arbuscular mycorrhizal symbiosis. Critical Reviews in Biotechnology, 2014, 34, 123-133. | 9.0 | 69 |
| 26 | Mycorrhizal Fungi to Alleviate Compaction Stress on Plant Growth. , 2014, , 165-174. | | 4 |
| 27 | Mycorrhizal Fungi to Alleviate Salinity Stress on Plant Growth. , 2014, , 77-86. | | 3 |
| 28 | Siderophore Efficacy of Fluorescent Pseudomonades Affecting Labeled Iron (59Fe) Uptake by Wheat (Triticum aestivum L.) Genotypes Differing in Fe Efficiency. , 2014, , 121-132. | | 8 |
| 29 | Plant Physiological Mechanisms of Salt Tolerance Induced by Mycorrhizal Fungi and Piriformospora indica. , 2014, , 133-152. | | 1 |
| 30 | Safflower (Carthamus tinctorius L.) Oil Content and Yield Components as Affected by Co-inoculation with Azotobacter chroococcum and Glomus intraradices at Various N and P Levels in a Dry Climate. , 2014, , 153-164. | | 2 |
| 31 | Microbial Inoculums. , 2014, , 175-184. | | 0 |
| 32 | Soil microbes and the availability of soil nutrients. Acta Physiologiae Plantarum, 2013, 35, 3075-3084. | 2.1 | 160 |
| 33 | CORN (ZEA MAYSL.) GROWTH AS AFFECTED BY SOIL COMPACTION AND ARBUSCULAR MYCORRHIZAL FUNGI. Journal of Plant Nutrition, 2013, 36, 1853-1867. | 1.9 | 13 |
| 34 | Improving Soybean (Glycine max L.) N2 Fixation under Stress. Journal of Plant Growth Regulation, 2013, 32, 909-921. | 5.1 | 43 |
| 35 | Using Geostatistics and Geographic Information System Techniques to Characterize Spatial Variability of Soil Properties, Including Micronutrients. Communications in Soil Science and Plant Analysis, 2013, 44, 1273-1281. | 1.4 | 35 |
| 36 | Impact of Mycorrhizae Formation on the Phosphorus and Heavy-Metal Uptake of Alfalfa. Communications in Soil Science and Plant Analysis, 2013, 44, 1340-1352. | 1.4 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | <sup>32</sup>P Isotope to Determine the Efficiency of Mycorrhizal Wheat Symbiosis Subjected to Saline Water. Communications in Soil Science and Plant Analysis, 2013, 44, 3317-3326. | 1.4 | 3 |
| 38 | Handling Soybean (Glycine max L.) Under Stress. , 2013, , 421-439. | | 3 |
| 39 | Corn (Zea maysL.) Grain and Stover Yield as Affected by Soil Residual Mineral Nitrogen. Communications in Soil Science and Plant Analysis, 2012, 43, 799-810. | 1.4 | 3 |
| 40 | Uptake and translocation of cadmium and nutrients byAeluropus littoralis. Archives of Agronomy and Soil Science, 2012, 58, 1413-1425. | 2.6 | 23 |
| 41 | Role of Phytohormone Signaling During Stress. , 2012, , 381-393. | | 11 |
| 42 | Microbial Products and Soil Stresses. , 2012, , 65-75. | | 1 |
| 43 | Potassium Behavior in Some Iranian Soils of Khuzestan Province Planted with Sugarcane. Communications in Soil Science and Plant Analysis, 2011, 42, 2024-2037. | 1.4 | 0 |
| 44 | Arbuscular mycorrhizas enhance nutrient uptake in different wheat genotypes at high salinity levels under field and greenhouse conditions. Comptes Rendus - Biologies, 2011, 334, 564-571. | 0.2 | 66 |
| 45 | Hyperaccumulators, arbuscular mycorrhizal fungi and stress of heavy metals. Biotechnology Advances, 2011, 29, 645-653. | 11.7 | 320 |
| 46 | Wheat (Triticum aestivum L.) growth enhancement by Azospirillum sp. under drought stress. World Journal of Microbiology and Biotechnology, 2011, 27, 197-205. | 3.6 | 226 |
| 47 | Arbuscular mycorrhizal fungi and nitrogen uptake. Archives of Microbiology, 2011, 193, 77-81. | 2.2 | 136 |
| 48 | Interactions between arbuscular mycorrhizal fungi and soil bacteria. Applied Microbiology and Biotechnology, 2011, 89, 917-930. | 3.6 | 215 |
| 49 | Soil microbes and plant fertilization. Applied Microbiology and Biotechnology, 2011, 92, 875-885. | 3.6 | 143 |
| 50 | The effects of selenium and other micronutrients on the antioxidant activities and yield of corn (Zea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 3.1 | 68 |
| 51 | Pseudomonas bacteria and phosphorous fertilization, affecting wheat (Triticum aestivum L.) yield and P uptake under greenhouse and field conditions. Acta Physiologiae Plantarum, 2011, 33, 145-152. | 2.1 | 84 |
| 52 | DEVELOPMENT OF A SOIL N TEST FOR FERTILIZER REQUIREMENTS FOR WHEAT. Journal of Plant Nutrition, 2011, 34, 762-777. | 1.9 | 32 |
| 53 | Yield and yield components of hybrid corn (Zea mays L.) as affected by mycorrhizal symbiosis and zinc sulfate under drought stress. Physiology and Molecular Biology of Plants, 2010, 16, 343-351. | 3.1 | 42 |
| 54 | Plant growth-promoting activities of fluorescent pseudomonads, isolated from the Iranian soils. Acta Physiologiae Plantarum, 2010, 32, 281-288. | 2.1 | 59 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Contribution of arbuscular mycorrhizal symbiosis to plant growth under different types of soil stress. Plant Biology, 2010, 12, 563-9. | 3.8 | 262 |
| 56 | POTASSIUM FERTILIZATION AND FRUIT PRODUCTION OF PAGE CITRUS ON A PUNSIRUS ROOTSTOCK: QUANTITATIVE AND QUALITATIVE TRAITS. Journal of Plant Nutrition, 2010, 33, 1564-1578. | 1.9 | 10 |
| 57 | Development of a Soil N Test for Fertilizer Requirements for Corn Production in Quebec. Communications in Soil Science and Plant Analysis, 2010, 42, 50-65. | 1.4 | 21 |
| 58 | Fatty acid composition of canola (Brassica napus L.), as affected by agronomical, genotypic and environmental parameters. Comptes Rendus - Biologies, 2010, 333, 248-254. | 0.2 | 43 |
| 59 | Arbuscular Mycorrhiza and Soil Microbes. , 2010, , . | | 6 |
| 60 | Isolation and characterization of ACC deaminase-producing fluorescent pseudomonads, to alleviate salinity stress on canola (Brassica napus L.) growth. Journal of Plant Physiology, 2009, 166, 667-674. | 3.5 | 182 |
| 61 | In vitro Growth of Wheat (Triticum aestivum L.) Seedlings, Inoculated with Azospirillum sp., Under Drought Stress. International Journal of Botany, 2009, 5, 244-249. | 0.2 | 21 |
| 62 | Allelopathic Effects of Rice Cultivars on the Growth Parameters of Different Rice Cultivars. International Journal of Biological Chemistry, 2009, 3, 56-70. | 0.3 | 4 |
| 63 | The Combined Effects of Fungicides and Arbuscular Mycorrhiza on Corn (Zea mays L.) Growth and Yield under Field Conditions. Journal of Biological Sciences, 2009, 9, 372-376. | 0.3 | 22 |
| 64 | Effects of soil tillage, canola (Brassica napusL.) cultivars and planting date on canola yield, and oil and some biological and physical properties of soil. Archives of Agronomy and Soil Science, 2008, 54, 175-188. | 2.6 | 11 |
| 65 | Using signal molecule genistein to alleviate the stress of suboptimal root zone temperature on soybean-Bradyrhizobium symbiosis under different soil textures. Journal of Plant Interactions, 2008, 3, 287-295. | 2.1 | 64 |