

Mohammad Reza Sarikhani

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

281
citations

1163117

8
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the soil respiration under different land uses using artificial neural network and linear regression models. <i>Catena</i> , 2019, 174, 371-382.	5.0	43
2	Isolation and identification of potassium-releasing bacteria in soil and assessment of their ability to release potassium for plants. <i>European Journal of Soil Science</i> , 2018, 69, 1078-1086.	3.9	39
3	Isolation and identification of temperature tolerant phosphate solubilizing bacteria as a potential microbial fertilizer. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 126.	3.6	33
4	Plant growth promoting bacteria (PGPR) induce antioxidant tolerance against salinity stress through biochemical and physiological mechanisms. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 347-361.	3.1	33
5	Comparison of artificial neural network and multivariate regression models for prediction of Azotobacteria population in soil under different land uses. <i>Computers and Electronics in Agriculture</i> , 2017, 140, 409-421.	7.7	31
6	P Solubilizing Potential of Some Plant Growth Promoting Bacteria Used as Ingredient in Phosphatic Biofertilizers with Emphasis on Growth Promotion of <i>Zea mays</i> L.. <i>Geomicrobiology Journal</i> , 2020, 37, 327-335.	2.0	25
7	Efficiency of Some Bacterial Strains in Potassium Release from Mica and Phosphate Solubilization under In Vitro Conditions. <i>Geomicrobiology Journal</i> , 2016, 33, 832-838.	2.0	23
8	Buffering capacity affects phosphorous solubilization assays in rhizobacteria. <i>Rhizosphere</i> , 2017, 4, 119-125.	3.0	13
9	Protein Profiles Underlying the Effect of Plant Growth-Promoting Rhizobacteria on Canola under Osmotic Stress. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 560-574.	5.1	8
10	Morphophysiological and phytochemical responses of fenugreek to plant growth promoting rhizobacteria (PGPR) under different soil water levels. <i>Folia Horticulturae</i> , 2018, 30, 215-228.	1.8	8
11	Essential Oil Yield and Composition of Moldavian Balm (<i>Dracocephalum moldavica</i> L.) As Affected by Inoculation Treatments Under Drought Stress Condition. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2020, 23, 728-742.	1.9	7
12	Identification of two novel bacterial phosphatase-encoding genes in <i>Pseudomonas putida</i> strain P13. <i>Journal of Applied Microbiology</i> , 2019, 127, 1113-1124.	3.1	4
13	Modeling soil enzyme activity using easily measured variables: Heuristic alternatives. <i>Applied Soil Ecology</i> , 2021, 157, 103753.	4.3	4
14	Evaluation of the Ability of Rhizobacterial Isolates to Solubilize Sparingly Soluble Iron Under In-vitro Conditions. <i>Geomicrobiology Journal</i> , 2022, 39, 804-815.	2.0	3
15	Assessment of Soluble and Biomass K in Culture Medium Is a Reliable Tool for Estimation of K Releasing Efficiency of Bacteria. <i>Geomicrobiology Journal</i> , 2019, 36, 873-880.	2.0	2
16	Application of artificial neural network and gene expression programming to estimate soil microbial metabolic quotient. <i>Applied Soil Ecology</i> , 2022, 175, 104465.	4.3	2
17	Inoculation effects of isolated plant growth promoting bacteria on wheat yield and grain N content. <i>Journal of Plant Nutrition</i> , 2023, 46, 1407-1420.	1.9	2
18	Plant Growth-Promoting Traits and Genetic Diversity of Free-Living Nitrogen-Fixing Bacteria Isolated from Soils in North of Iran. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 0, , .	1.5	0