

# Isa Esfandiarpour-Boroujeni

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

256  
citations

1163117

8  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Counterions, smectite, and palygorskite increase microstructural stability of saline-sodic soils. <i>Soil and Tillage Research</i> , 2022, 216, 105258.	5.6	4
2	Evaluation of Intelligence Models to Estimate the Least Limiting Water Range Using Conveniently Measurable Soil Properties. <i>Eurasian Soil Science</i> , 2021, 54, 389-398.	1.6	0
3	Sepiolite Dissolution by Different Silicate Solubilizing Bacteria. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 3232-3246.	3.4	0
4	High-energy moisture characteristics of various low organic matter sandy soils in different land uses. <i>Geoderma</i> , 2021, 398, 115104.	5.1	1
5	Rheological evaluation of soil aggregate microstructure and stability across a forested catena. <i>Geoderma</i> , 2021, 403, 115196.	5.1	4
6	Prediction of soil wind erodibility using a hybrid Genetic algorithm " Artificial neural network method. <i>Catena</i> , 2020, 187, 104315.	5.0	22
7	Comparison of Stepwise Multilinear Regressions, Artificial Neural Network, and Genetic Algorithm-Based Neural Network for Prediction the Plant Available Water of Unsaturated Soils in a Semi-arid Region of Iran (Case Study: Chaharmahal Bakhtiari Province). <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 2297-2309.	1.4	2
8	Detection of Lithologic Discontinuities in Soils: A Case Study of Arid and Semi-arid Regions of Iran. <i>Eurasian Soil Science</i> , 2020, 53, 1374-1388.	1.6	0
9	Assessment of different digital soil mapping methods for prediction of soil classes in the Shahrekord plain, Central Iran. <i>Catena</i> , 2020, 193, 104648.	5.0	10
10	Comparison of error and uncertainty of decision tree and learning vector quantization models for predicting soil classes in areas with low altitude variations. <i>Catena</i> , 2020, 191, 104581.	5.0	15
11	Optimal feature selection for prediction of wind erosion threshold friction velocity using a modified evolution algorithm. <i>Geoderma</i> , 2019, 354, 113873.	5.1	8
12	Yield prediction of apricot using a hybrid particle swarm optimization-imperialist competitive algorithm- support vector regression (PSO-ICA-SVR) method. <i>Scientia Horticulturae</i> , 2019, 257, 108756.	3.6	33
13	Application of a Bayesian belief network model for assessing the risk of wind erosion: A test with data from wind tunnel experiments. <i>Aeolian Research</i> , 2019, 41, 100543.	2.7	7
14	Identifying Soil and Plant Nutrition Factors Affecting Yield in Irrigated Mature Pistachio Orchards. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 1474-1490.	1.4	8
15	Identifying sources of soil classes variations with digital soil mapping approaches in the Shahrekord plain, Iran. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	6
16	Comparing Soil Taxonomy (2014) and updated WRB (2015) for describing calcareous and gypsiferous soils, Central Iran. <i>Catena</i> , 2016, 145, 83-91.	5.0	8
17	The effectiveness of digital soil mapping to predict soil properties over low-relief areas. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 195.	2.7	82
18	The influences of selected soil properties on Pb availability and its transfer to wheat ( <i>Triticum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	2.7	15

#	ARTICLE	IF	CITATIONS
19	The effects of hydrometer reading times on the spatial variability of soil textures in southeast Iran. Arabian Journal of Geosciences, 2014, 7, 1491-1499.	1.3	5
20	Mapping of the soil texture using geostatistical method (a case study of the Shahrekord plain, central) Tj ETQq0 0 Q ggBT /Overlock 10 T	1.3	17
21	Qualitative Land Suitability Evaluation for Main Irrigated Crops in the Shahrekord Plain, Iran: A Geostatistical Approach Compared with Conventional Method. Pedosphere, 2013, 23, 767-778.	4.0	9