

# Isa Esfandiarpour-Boroujeni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8775524/publications.pdf>

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  | The effectiveness of digital soil mapping to predict soil properties over low-relief areas. Environmental Monitoring and Assessment, 2016, 188, 195.  | 2.7 | 82        |
| 2  | Yield prediction of apricot using a hybrid particle swarm optimization-imperialist competitive algorithm- support vector regression (PSO-ICA-SVR) method. Scientia Horticulturae, 2019, 257, 108756.  | 3.6 | 33        |
| 3  | Prediction of soil wind erodibility using a hybrid Genetic algorithm " Artificial neural network method. Catena, 2020, 187, 104315.   | 5.0 | 22        |
| 4  | Mapping of the soil texture using geostatistical method (a case study of the Shahrekord plain, central) Tj ETQq0 0 0 ggBT /Overlock 10 T  | 1.3 | 17        |
| 5  | The influences of selected soil properties on Pb availability and its transfer to wheat (Triticum) Tj ETQq1 1 0.784314 ggBT /Overlock 10 T  | 2.7 | 15        |
| 6  | Comparison of error and uncertainty of decision tree and learning vector quantization models for predicting soil classes in areas with low altitude variations. Catena, 2020, 191, 104581.  | 5.0 | 15        |
| 7  | Assessment of different digital soil mapping methods for prediction of soil classes in the Shahrekord plain, Central Iran. Catena, 2020, 193, 104648.   | 5.0 | 10        |
| 8  | 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         |
| 9  | Comparing Soil Taxonomy (2014) and updated WRB (2015) for describing calcareous and gypsiferous soils, Central Iran. Catena, 2016, 145, 83-91.  | 5.0 | 8         |
| 10 | Identifying Soil and Plant Nutrition Factors Affecting Yield in Irrigated Mature Pistachio Orchards. Communications in Soil Science and Plant Analysis, 2018, 49, 1474-1490.  | 1.4 | 8         |
| 11 | Optimal feature selection for prediction of wind erosion threshold friction velocity using a modified evolution algorithm. Geoderma, 2019, 354, 113873.   | 5.1 | 8         |
| 12 | Application of a Bayesian belief network model for assessing the risk of wind erosion: A test with data from wind tunnel experiments. Aeolian Research, 2019, 41, 100543.   | 2.7 | 7         |
| 13 | Identifying sources of soil classes variations with digital soil mapping approaches in the Shahrekord plain, Iran. Environmental Earth Sciences, 2017, 76, 1.   | 2.7 | 6         |
| 14 | 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         |
| 15 | Rheological evaluation of soil aggregate microstructure and stability across a forested catena. Geoderma, 2021, 403, 115196.  | 5.1 | 4         |
| 16 | Counterions, smectite, and palygorskite increase microstructural stability of saline-sodic soils. Soil and Tillage Research, 2022, 216, 105258.   | 5.6 | 4         |
| 17 | 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). Communications in Soil Science and Plant Analysis, 2020, 51, 2297-2309. | 1.4 | 2         |
| 18 | High-energy moisture characteristics of various low organic matter sandy soils in different land uses. Geoderma, 2021, 398, 115104.   | 5.1 | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Detection of Lithologic Discontinuities in Soils: A Case Study of Arid and Semi-arid Regions of Iran. Eurasian Soil Science, 2020, 53, 1374-1388.                     | 1.6 | 0         |
| 20 | Evaluation of Intelligence Models to Estimate the Least Limiting Water Range Using Conveniently Measurable Soil Properties. Eurasian Soil Science, 2021, 54, 389-398. | 1.6 | 0         |
| 21 | Sepiolite Dissolution by Different Silicate Solubilizing Bacteria. Journal of Soil Science and Plant Nutrition, 2021, 21, 3232-3246.                                  | 3.4 | 0         |