

Ahmad Heidari

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

304
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental factors controlling soil organic carbon storage in loess soils of a subhumid region, northern Iran. <i>Geoderma</i> , 2016, 281, 1-10.	5.1	97
2	Organic and inorganic carbon storage in soils along an arid to dry sub-humid climosequence in northwest of Iran. <i>Catena</i> , 2017, 153, 66-74.	5.0	43
3	CMIP5 climate projections and RUSLE-based soil erosion assessment in the central part of Iran. <i>Scientific Reports</i> , 2021, 11, 7273.	3.3	42
4	Assessing the performance of decision tree and neural network models in mapping soil properties. <i>Journal of Mountain Science</i> , 2019, 16, 1833-1847.	2.0	21
5	Spatial Variability of Rainfed Wheat Production Under the Influence of Topography and Soil Properties in Loess-Derived Soils, Northern Iran. <i>International Journal of Plant Production</i> , 2020, 14, 597-608.	2.2	19
6	Impacts of topographic attributes on Soil Taxonomic Classes and weathering indices in a hilly landscape in Northern Iran. <i>Geoderma</i> , 2016, 281, 90-101.	5.1	18
7	Identification and prioritization of critical erosion areas based on onsite and offsite effects. <i>Catena</i> , 2017, 156, 1-9.	5.0	14
8	Geochemical indices of soil development on basalt rocks in arid to sub-humid climosequence of Central Iran. <i>Journal of Mountain Science</i> , 2020, 17, 1652-1669.	2.0	10
9	Geochemical indices as efficient tools for assessing the soil weathering status in relation to soil taxonomic classes. <i>Catena</i> , 2022, 208, 105716.	5.0	10
10	Estimating Soil Water Content from Permittivity for Different Mineralogies and Bulk Densities. <i>Soil Science Society of America Journal</i> , 2012, 76, 1149-1158.	2.2	8
11	Micromorphological evidences of climatic change in Yazd region, Iran. <i>Journal of Mountain Science</i> , 2009, 6, 162-172.	2.0	6
12	Application of particle size distribution throughout the soil profile as a criterion for recognition of newly developed geofoms in the Southeastern Caspian coast. <i>Catena</i> , 2021, 203, 105362.	5.0	5
13	Effects of environmental factors on classification of loess-derived soils and clay minerals variations, northern Iran. <i>Journal of Mountain Science</i> , 2018, 15, 976-991.	2.0	4
14	Reconstruction of the paleo-environments of northern and southern slopes of the Alborz Mountain chain based on preserved evidence in soils. <i>Quaternary International</i> , 2021, 590, 5-14.	1.5	3
15	Spatial variability of soil development indices and their compatibility with soil taxonomic classes in a hilly landscape: a case study at Bandar village, Northern Iran. <i>Journal of Mountain Science</i> , 2016, 13, 1746-1759.	2.0	1
16	Storage of Organic and Inorganic Carbon in Arid-Semihumid Soils. <i>Soil Science</i> , 2016, 181, 473-486.	0.9	1
17	The use of continuous soil diagnostic layers as criteria for differentiation of soil map units. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	1
18	CHARACTERIZING SPATIAL AND TEMPORAL TRENDS OF SOIL AND SURFACE PROPERTIES CHANGES IN AN AREA WITH URBAN, BARE SOIL AND WETLAND COVERS: A 30-YEAR CASE STUDY IN GOMISHAN, IRAN. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-4/W18, 51-56.	0.2	1