

Mehdi Heydari

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

324
citations

840776

11
h-index

940533

16
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30
all docs

30
docs citations

30
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in Brantâ€™s oak (<i>Quercus brantii</i> Lindl.) leaf traits in response to pollution from a gas refinery in semiarid forests of western Iran. <i>Environmental Science and Pollution Research</i> , 2022, 29, 10366-10379.	5.3	6
2	Beneficial effects of livestock exclusion on tree regeneration, understory plant diversity, and soil properties in semiarid forests in Iran. <i>Land Degradation and Development</i> , 2022, 33, 324-332.	3.9	9
3	Managing semi-arid oak forests (<i>Quercus brantii</i> Lindl.): Mature oak trees of different dimensions create contrasted microhabitats influencing seedling quality. <i>Journal of Environmental Management</i> , 2022, 304, 114269.	7.8	1
4	Hydrological Response of Burned Soils in Croplands, and Pine and Oak Forests in Zagros Forest Ecosystem (Western Iran) under Rainfall Simulations at Micro-Plot Scale. <i>Forests</i> , 2022, 13, 246.	2.1	5
5	Dieback intensity but not functional and taxonomic diversity indices predict forest productivity in different management conditions: Evidence from a semi-arid oak forest ecosystem. <i>Journal of Arid Land</i> , 2022, 14, 225-244.	2.3	7
6	Assessing changes in soil quality between protected and degraded forests using digital soil mapping for semiarid oak forests, Iran. <i>Catena</i> , 2022, 213, 106204.	5.0	13
7	Postâ€™fire restoration with contourâ€™felled log debris increases early recruitment of Spanish black pine (<sc><i>Pinus nigra</i></sc> Arn. ssp. <i>salzmannii</i>) in Mediterranean forests. <i>Restoration Ecology</i> , 2021, 29, e13338.	2.9	8
8	Spatio-temporal heterogeneity differently drives the diversity of various trophic guilds of mesofauna in semi-arid oak forests. <i>Trees - Structure and Function</i> , 2021, 35, 171-187.	1.9	2
9	Beta diversity of plant community and soil mesofauna along an elevational gradient in a mountainous semi-arid oak forest. <i>Community Ecology</i> , 2021, 22, 165-176.	0.9	3
10	Diverging consequences of past forest management on plant and soil attributes in ancient oak forests of southwestern Iran. <i>Forest Ecology and Management</i> , 2021, 494, 119360.	3.2	6
11	Current plant ecological features reflect historical forest management systems in semi-arid oak forests. <i>Ecological Engineering</i> , 2021, 167, 106268.	3.6	0
12	The influence of growth types on soil properties along an elevation gradient in a semi-arid oak forest. <i>Acta Oecologica</i> , 2021, 112, 103773.	1.1	2
13	Ecological effects of fire severity and time since fire on the diversity partitioning, composition and niche apportionment models of post-fire understory vegetation in semi-arid oak forests of Western Iran. <i>Ecological Engineering</i> , 2020, 143, 105694.	3.6	20
14	Spatioâ€™temporal changes in the understory heterogeneity, diversity, and composition after fires of different severities in a semiarid oak (<sc><i>Quercus brantii</i></sc> Lindl.) forest. <i>Land Degradation and Development</i> , 2020, 31, 1039-1049.	3.9	16
15	Effects of Skidding Operations after Tree Harvesting and Soil Scarification by Felled Trees on Initial Seedling Emergence of Spanish Black Pine (<i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i>). <i>Forests</i> , 2020, 11, 767.	2.1	12
16	Plant species and season influence soil physicochemical properties and microbial function in a semi-arid woodland ecosystem. <i>Plant and Soil</i> , 2020, 456, 43-59.	3.7	18
17	Linkage between plant species diversity and soil-based functions along a post-agricultural succession is influenced by the vegetative forms. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 429.	2.7	7
18	Rapid recovery of the vegetation diversity and soil fertility after cropland abandonment in a semiarid oak ecosystem: An approach based on plant functional groups. <i>Ecological Engineering</i> , 2020, 155, 105963.	3.6	17

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19	Soil quality and mesofauna diversity relationship are modulated by woody species and seasonality in semiarid oak forest. <i>Forest Ecology and Management</i> , 2020, 473, 118332.	3.2	27
20	Prioritizing woody species for the rehabilitation of arid lands in western Iran based on soil properties and carbon sequestration. <i>Journal of Arid Land</i> , 2020, 12, 640-652.	2.3	5
21	Influence of soil properties and burial depth on Persian oak (<i>Quercus brantii</i> Lindl.) establishment in different microhabitats resulting from traditional forest practices. <i>European Journal of Forest Research</i> , 2017, 136, 287-305.	2.5	23
22	Establishment of oak seedlings in historically disturbed sites: Regeneration success as a function of stand structure and soil characteristics. <i>Ecological Engineering</i> , 2017, 107, 172-182.	3.6	27
23	Effects of fire disturbance on alpha and beta diversity and on beta diversity components of soil seed banks and aboveground vegetation. <i>Plant Ecology and Evolution</i> , 2017, 150, 247-256.	0.7	38
24	Post-fire recovery of herbaceous species composition and diversity, and soil quality indicators one year after wildfire in a semi-arid oak woodland. <i>Ecological Engineering</i> , 2016, 94, 688-697.	3.6	25
25	Earthworms as indicators for different forest management types and human disturbance in Ilam oak forest, Iran. <i>Folia Forestalia Polonica, Series A</i> , 2014, 56, 121-134.	0.3	14
26	Germination characteristics and diversity of soil seed banks and above-ground vegetation in disturbed and undisturbed oak forests. <i>Forest Science and Practice</i> , 2013, 15, 286-301.	0.2	10
27	Components of plant diversity as ecological indicators reflecting the effects of conservation management and degradation in different climatic conditions. <i>Land Degradation and Development</i> , 0, , .	3.9	2
28	Taxonomic and structural diversity indices predict soil carbon storage better than functional diversity indices along a dieback intensity gradient in semi-arid oak forests. <i>Trees - Structure and Function</i> , 0, , 1.	1.9	0
29	Seedling biochemical and ecophysiological traits improved under the patch-canopy microhabitats of medium-sized oak trees in a semi-arid forest. <i>Trees - Structure and Function</i> , 0, , 1.	1.9	0