

M Darand

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

538
citations

840585

11
h-index

677027

22
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29
all docs

29
docs citations

29
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the performance of TRMM Multi-satellite Precipitation Analysis (TMPA) estimation over Iran. <i>Atmospheric Research</i> , 2017, 190, 121-127.	1.8	97
2	Regionalization of Precipitation Regimes in Iran Using Principal Component Analysis and Hierarchical Clustering Analysis. <i>Environmental Processes</i> , 2014, 1, 517-532.	1.7	76
3	High accuracy of precipitation reanalyses resulted in good river discharge simulations in a semi-arid basin. <i>Ecological Engineering</i> , 2019, 131, 107-119.	1.6	44
4	Spatial and temporal trend analysis of temperature extremes based on Iranian climatic database (1962-2004). <i>Arabian Journal of Geosciences</i> , 2015, 8, 8469-8480.	0.6	43
5	Statistical evaluation of gridded precipitation datasets using rain gauge observations over Iran. <i>Journal of Arid Environments</i> , 2020, 178, 104172.	1.2	37
6	Identifying drought- and flood-prone areas based on significant changes in daily precipitation over Iran. <i>Natural Hazards</i> , 2018, 90, 1427-1446.	1.6	36
7	Spatial autocorrelation analysis of extreme precipitation in Iran. <i>Russian Meteorology and Hydrology</i> , 2017, 42, 415-424.	0.2	33
8	Forecasting Precipitation with Artificial Neural Networks (Case Study: Tehran). <i>Journal of Applied Sciences</i> , 2009, 9, 1786-1790.	0.1	19
9	Synoptic conditions leading to extremely warm periods in Western Iran. <i>International Journal of Climatology</i> , 2018, 38, 307-319.	1.5	18
10	Evaluation of Tropical Rainfall Measuring Mission, Integrated Multi-satellite Retrievals for GPM, Climate Hazards Centre InfraRed Precipitation with Station data, and European Centre for Medium-Range Weather Forecasts Reanalysis v5 data in estimating precipitation and capturing meteorological droughts over Iran. <i>International Journal of Climatology</i> , 2022, 42, 2039-2064.	1.5	18
11	Vertically integrated moisture flux convergence over Iran. <i>Climate Dynamics</i> , 2019, 53, 3561-3582.	1.7	16
12	Trend analysis of tropospheric specific humidity over Iran during 1979-2016. <i>International Journal of Climatology</i> , 2019, 39, 4058-4071.	1.5	12
13	The relationships between precipitation amounts, number of rain days, and relative vorticity in the mid-troposphere over Iran. <i>Weather</i> , 2019, 74, S23.	0.6	10
14	Variation of agro-climatic indices in Kurdistan province of Iran within 1962-2012. <i>Modeling Earth Systems and Environment</i> , 2015, 1, 1.	1.9	9
15	An evaluation of Global Satellite Mapping of Precipitation (GSMaP) datasets over Iran. <i>Meteorology and Atmospheric Physics</i> , 2021, 133, 911-923.	0.9	9
16	Identification of atmospheric boundary layer height and trends over Iran using high-resolution ECMWF reanalysis dataset. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1457-1465.	1.3	8
17	Forecasting the Air Pollution with using Artificial Neural Networks: The Case Study; Tehran City. <i>Journal of Applied Sciences</i> , 2009, 9, 3882-3887.	0.1	8
18	Evaluation of high resolution global satellite precipitation mapping during meteorological drought over Iran. <i>Theoretical and Applied Climatology</i> , 2021, 145, 1421-1436.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Synoptic analysis of sea level pressure patterns and Vertically Integrated Moisture Flux Convergence VIMFC during the occurrence of durable and pervasive rainfall in Iran. <i>Dynamics of Atmospheres and Oceans</i> , 2019, 86, 10-17.	0.7	6
20	Future changes in temperature extremes in climate variability over Iran. <i>Meteorological Applications</i> , 2020, 27, e1968.	0.9	6
21	Impacts of cold and hot temperatures on mortality rate in Isfahan, Iran. <i>Journal of Thermal Biology</i> , 2019, 86, 102453.	1.1	4
22	Identifying the moisture source of precipitation in the southern coasts of the Caspian Sea. <i>Theoretical and Applied Climatology</i> , 2020, 140, 1409-1417.	1.3	4
23	Projected changes in extreme precipitation events over Iran in the 21st century based on CMIP5 models. <i>Climate Research</i> , 2020, 82, 75-95.	0.4	4
24	Recognition of Tehran Weather Types. <i>Journal of Applied Sciences</i> , 2009, 9, 3326-3334.	0.1	4
25	Trend analysis of land surface temperature over Iran based on land cover and topography. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 7229-7242.	1.8	4
26	Analysis of pervasive precipitation in similar gradient areas of Iran. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	2
27	Spatiotemporal analysis of the relationship between near-surface air temperature and troposphere thickness over Iran. <i>Meteorological Applications</i> , 2020, 27, e1907.	0.9	2
28	Spatiotemporal and physiographic relationship between MODIS land surface temperature and air temperature over Iran. <i>Climate Research</i> , 0, , .	0.4	1