

# Mehdi Hamidi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5925370/publications.pdf>

Version: 2024-02-01

14  
papers

388  
citations

1163117

8  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synoptic analysis of dust storms in the Middle East. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2013, 49, 279-286.	2.3	177
2	Numerical simulation of dust events in the Middle East. <i>Aeolian Research</i> , 2014, 13, 59-70.	2.7	49
3	A quantitative evaluation of the 8 July 2009 Shamal dust storm. <i>Aeolian Research</i> , 2017, 24, 133-143.	2.7	42
4	The key role of water resources management in the Middle East dust events. <i>Catena</i> , 2020, 187, 104337.	5.0	27
5	Atmospheric Investigation of Frontal Dust Storms in Southwest Asia. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 177-193.	2.3	20
6	Evaluation of the 13 April 2011 frontal dust storm in west Asia. <i>Aeolian Research</i> , 2020, 44, 100592.	2.7	20
7	Numerical simulation of the 18 February 2017 frontal dust storm over southwest of Iran using WRF-Chem, satellite imagery, and PM <sub>10</sub> concentrations. <i>Journal of Arid Environments</i> , 2022, 196, 104637.	2.4	11
8	Development of Multi-Criteria Decision Making Methods for Reduction of Seawater Intrusion in Coastal Aquifers Using SEAWAT Code. <i>Journal of Contaminant Hydrology</i> , 2021, 242, 103848.	3.3	10
9	Modeling of 2D density-dependent flow and transport in porous media using finite volume method. <i>Computers and Fluids</i> , 2008, 37, 1047-1055.	2.5	9
10	Atmospheric analysis of dust storms in Sistan region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2022, 227, 105800.	1.6	7
11	Synoptic analysis and simulation of an unusual dust event over the Atacama Desert. <i>Atmospheric Science Letters</i> , 2019, 20, e899.	1.9	6
12	Groundwater Level Fluctuations in Coastal Aquifer: Using Artificial Neural Networks to Predict the Impacts of Climatological CMIP6 Scenarios. <i>Water Resources Management</i> , 2022, 36, 3981-4001.	3.9	6
13	Numerical simulation of the pier geometry effects on forming the transverse wave in converged spillways. <i>International Journal of Modern Physics C</i> , 2021, 32, 2150003.	1.7	2
14	Decadal shift of the influence of Arctic Oscillation on dust weather frequency in spring over the Middle East during 1974–2019. <i>International Journal of Climatology</i> , 2022, 42, 2440-2454.	3.5	1