

# Omid Mazdiasni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5555620/publications.pdf>

Version: 2024-02-01

21  
papers

2,831  
citations

566801

15  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global warming and changes in risk of concurrent climate extremes: Insights from the 2014 California drought. <i>Geophysical Research Letters</i> , 2014, 41, 8847-8852.	1.5	511
2	Substantial increase in concurrent droughts and heatwaves in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11484-11489.	3.3	447
3	Climate Extremes and Compound Hazards in a Warming World. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 519-548.	4.6	330
4	Increasing probability of mortality during Indian heat waves. <i>Science Advances</i> , 2017, 3, e1700066.	4.7	247
5	Evidence of anthropogenic impacts on global drought frequency, duration, and intensity. <i>Nature Communications</i> , 2021, 12, 2754.	5.8	229
6	How do natural hazards cascade to cause disasters?. <i>Nature</i> , 2018, 561, 458-460.	13.7	165
7	Multihazard Scenarios for Analysis of Compound Extreme Events. <i>Geophysical Research Letters</i> , 2018, 45, 5470-5480.	1.5	139
8	Trends in meteorological and agricultural droughts in Iran. <i>Theoretical and Applied Climatology</i> , 2015, 119, 679-688.	1.3	137
9	Anthropogenic Drought: Definition, Challenges, and Opportunities. <i>Reviews of Geophysics</i> , 2021, 59, e2019RG000683.	9.0	126
10	A hybrid framework for assessing socioeconomic drought: Linking climate variability, local resilience, and demand. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7520-7533.	1.2	109
11	Compounding effects of human activities and climatic changes on surface water availability in Iran. <i>Climatic Change</i> , 2019, 152, 379-391.	1.7	84
12	Climate-informed environmental inflows to revive a drying lake facing meteorological and anthropogenic droughts. <i>Environmental Research Letters</i> , 2018, 13, 084010.	2.2	82
13	Amplified warming of droughts in southern United States in observations and model simulations. <i>Science Advances</i> , 2018, 4, eaat2380.	4.7	69
14	Heat wave Intensity Duration Frequency Curve: A Multivariate Approach for Hazard and Attribution Analysis. <i>Scientific Reports</i> , 2019, 9, 14117.	1.6	46
15	GHWR, a multi-method global heatwave and warm-spell record and toolbox. <i>Scientific Data</i> , 2018, 5, 180206.	2.4	46
16	Data and analysis toolbox for modeling the nexus of food, energy, and water. <i>Sustainable Cities and Society</i> , 2020, 61, 102281.	5.1	19
17	A Multivariate Conditional Probability Ratio Framework for the Detection and Attribution of Compound Climate Extremes. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094361.	1.5	16
18	Translating Uncertain Sea Level Projections Into Infrastructure Impacts Using a Bayesian Framework. <i>Geophysical Research Letters</i> , 2017, 44, 11,914.	1.5	12

#	ARTICLE	IF	CITATIONS
19	Intensified Likelihood of Concurrent Warm and Dry Months Attributed to Anthropogenic Climate Change. <i>Water Resources Research</i> , 2022, 58, .	1.7	8
20	Natural Disasters Are Prejudiced Against Disadvantaged and Vulnerable Populations: The Lack of Publicly Available Health-Related Data Hinders Research at the Cusp of the Global Climate Crisis. <i>GeoHealth</i> , 2020, 4, e2019GH000219.	1.9	5
21	Analyzing High-Frequency Soil Respiration Using a Probabilistic Model in a Semiarid, Mediterranean Climate. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 509-520.	1.3	4