# Omid Mazdiyasni

List of Publications by Year
in descending order

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

Version: 2024-02-01

| 21 | 2,831 | 567281 15 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 21 | 21 | 21 | 3187 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Global warming and changes in risk of concurrent climate extremes: Insights from the 2014 California drought. Geophysical Research Letters, 2014, 41, 8847-8852. | 4.0 | 511 |
| 2 | Substantial increase in concurrent droughts and heatwaves in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11484-11489. | 7.1 | 447 |
| 3 | Climate Extremes and Compound Hazards in a Warming World. Annual Review of Earth and Planetary Sciences, 2020, 48, 519-548. | 11.0 | 330 |
| 4 | Increasing probability of mortality during Indian heat waves. Science Advances, 2017, 3, e1700066. | 10.3 | 247 |
| 5 | Evidence of anthropogenic impacts on global drought frequency, duration, and intensity. Nature Communications, 2021, 12, 2754. | 12.8 | 229 |
| 6 | How do natural hazards cascade to cause disasters?. Nature, 2018, 561, 458-460. | 27.8 | 165 |
| 7 | Multihazard Scenarios for Analysis of Compound Extreme Events. Geophysical Research Letters, 2018, 45, 5470-5480. | 4.0 | 139 |
| 8 | Trends in meteorological and agricultural droughts in Iran. Theoretical and Applied Climatology, 2015, 119, 679-688. | 2.8 | 137 |
| 9 | Anthropogenic Drought: Definition, Challenges, and Opportunities. Reviews of Geophysics, 2021, 59, e2019RG000683. | 23.0 | 126 |
| 10 | A hybrid framework for assessing socioeconomic drought: Linking climate variability, local resilience, and demand. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7520-7533. | 3.3 | 109 |
| 11 | Compounding effects of human activities and climatic changes on surface water availability in Iran. Climatic Change, 2019, 152, 379-391. | 3.6 | 84 |
| 12 | Climate-informed environmental inflows to revive a drying lake facing meteorological and anthropogenic droughts. Environmental Research Letters, 2018, 13, 084010. | 5.2 | 82 |
| 13 | Amplified warming of droughts in southern United States in observations and model simulations. Science Advances, 2018, 4, eaat2380. | 10.3 | 69 |
| 14 | Heat wave Intensity Duration Frequency Curve: A Multivariate Approach for Hazard and Attribution Analysis. Scientific Reports, 2019, 9, 14117. | 3.3 | 46 |
| 15 | GHWR, a multi-method global heatwave and warm-spell record and toolbox. Scientific Data, 2018, 5, 180206. | 5.3 | 46 |
| 16 | Data and analysis toolbox for modeling the nexus of food, energy, and water. Sustainable Cities and Society, 2020, 61, 102281. | 10.4 | 19 |
| 17 | A Multivariate Conditional Probability Ratio Framework for the Detection and Attribution of Compound Climate Extremes. Geophysical Research Letters, 2021, 48, e2021GL094361. | 4.0 | 16 |
| 18 | Translating Uncertain Sea Level Projections Into Infrastructure Impacts Using a Bayesian Framework. Geophysical Research Letters, 2017, 44, 11,914. | 4.0 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Intensified Likelihood of Concurrent Warm and Dry Months Attributed to Anthropogenic Climate Change. Water Resources Research, 2022, 58, . | 4.2 | 8 |
| 20 | Natural Disasters Are Prejudiced Against Disadvantaged and Vulnerable Populations: The Lack of Publicly Available Healthâ€Related Data Hinders Research at the Cusp of the Global Climate Crisis. GeoHealth, 2020, 4, e2019GH000219. | 4.0 | 5 |
| 21 | Analyzing Highâ€Frequency Soil Respiration Using a Probabilistic Model in a Semiarid, Mediterranean Climate. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 509-520. | 3.0 | 4 |