

Shanshui Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

639
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of environmental droughts: Increased risk under global warming?. <i>Earth-Science Reviews</i> , 2020, 201, 102953.	9.1	283
2	Evaluation of six indices for monitoring agricultural drought in the south-central United States. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 107-119.	4.8	130
3	Evaluation of soil moisture in CMIP5 simulations over the contiguous United States using in situ and satellite observations. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2203-2218.	4.9	58
4	Drought in the U.S. Great Plains (1980–2012): A sensitivity study using different methods for estimating potential evapotranspiration in the Palmer Drought Severity Index. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 10,996.	3.3	43
5	Development of a Typhoon Power Outage Model in Guangdong, China. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 117, 105711.	5.5	22
6	Historical Changes in Surface Soil Moisture Over the Contiguous United States: An Assessment of CMIP6. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	19
7	Optimizing climate model selection for hydrological modeling: A case study in the Maumee River basin using the SWAT. <i>Journal of Hydrology</i> , 2020, 588, 125064.	5.4	18
8	Comparison of three methods of interpolating soil moisture in Oklahoma. <i>International Journal of Climatology</i> , 2017, 37, 987-997.	3.5	15
9	Evaluating Soil Moisture–Precipitation Interactions Using Remote Sensing: A Sensitivity Analysis. <i>Journal of Hydrometeorology</i> , 2018, 19, 1237-1253.	1.9	14
10	A sensitivity study on the response of convection initiation to in situ soil moisture in the central United States. <i>Climate Dynamics</i> , 2020, 54, 2013-2028.	3.8	10
11	Comparison of Two Multisatellite Algorithms for Estimation of Tropical Cyclone Precipitation in the United States and Mexico: TMPA and IMERG. <i>Journal of Hydrometeorology</i> , 2021, 22, 923-939.	1.9	9
12	Developing and evaluating national soil moisture percentile maps. <i>Soil Science Society of America Journal</i> , 2020, 84, 443-460.	2.2	8
13	Evaluating the Utility of Drought Indices as Soil Moisture Proxies for Drought Monitoring and Land–Atmosphere Interactions. <i>Journal of Hydrometeorology</i> , 2020, 21, 2157-2175.	1.9	7
14	Climate of the Critical Zone. <i>Developments in Earth Surface Processes</i> , 2015, 19, 79-111.	2.8	2
15	Dynamic multi-dimensional identification of Yunnan droughts and its seasonal scale linkages to the El Niño–Southern Oscillation. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101128.	2.4	1
16	Human Contribution to the Variation of Runoff under Climatic Background over the Laohahe Basin, Northeast China. <i>Water (Switzerland)</i> , 2021, 13, 2642.	2.7	0