

Scott L Sellars

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

892
citations

759233

12
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

1215
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric River Tracking Method Intercomparison Project (ARTMIP): project goals and experimental design. <i>Geoscientific Model Development</i> , 2018, 11, 2455-2474.	3.6	221
2	Will climate change exacerbate water stress in Central Asia?. <i>Climatic Change</i> , 2012, 112, 881-899.	3.6	151
3	The Atmospheric River Tracking Method Intercomparison Project (ARTMIP): Quantifying Uncertainties in Atmospheric River Climatology. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13777-13802.	3.3	126
4	Improving the multi-objective evolutionary optimization algorithm for hydropower reservoir operations in the California Oroville-Thermalito complex. <i>Environmental Modelling and Software</i> , 2015, 69, 262-279.	4.5	102
5	ARTMIP-early start comparison of atmospheric river detection tools: how many atmospheric rivers hit northern California's Russian River watershed?. <i>Climate Dynamics</i> , 2019, 52, 4973-4994.	3.8	63
6	Computational Earth Science: Big Data Transformed Into Insight. <i>Eos</i> , 2013, 94, 277-278.	0.1	59
7	Genesis, Pathways, and Terminations of Intense Global Water Vapor Transport in Association with Large-scale Climate Patterns. <i>Geophysical Research Letters</i> , 2017, 44, 12,465.	4.0	37
8	Satellites Track Precipitation of Super Typhoon Haiyan. <i>Eos</i> , 2014, 95, 133-135.	0.1	31
9	An Object-Oriented Approach to Investigate Impacts of Climate Oscillations on Precipitation: A Western United States Case Study. <i>Journal of Hydrometeorology</i> , 2015, 16, 830-842.	1.9	24
10	Examination of Global Midlatitude Atmospheric River Lifecycles Using an Object-Oriented Methodology. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033425.	3.3	19
11	Isotopic signature of extreme precipitation events in the western U.S. and associated phases of Arctic and tropical climate modes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8913-8924.	3.3	18
12	Satellite-based remote sensing estimation of precipitation for early warning systems. , 2014, , 99-112.		14
13	“Grand Challenges” in Big Data and the Earth Sciences. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, ES95-ES98.	3.3	13
14	Methods of Tail Dependence Estimation. <i>Water Science and Technology Library</i> , 2013, , 163-179.	0.3	12
15	The Evolution of Bits and Bottlenecks in a Scientific Workflow Trying to Keep Up with Technology: Accelerating 4D Image Segmentation Applied to NASA Data. , 2019, , .		1