Jessica L Matthews

List of Publications by Year
in descending order

18 papers	461 citations	1162889 8 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	976 citing authors

#	Article	IF	Citations
1	Quantifying uncertainty and variable sensitivity within the US billion-dollar weather and climate disaster cost estimates. Natural Hazards, 2015, 77, 1829-1851.	1.6	128
2	A 30+ Year AVHRR LAI and FAPAR Climate Data Record: Algorithm Description and Validation. Remote Sensing, 2016, 8, 263.	1.8	107
3	Short-term effects of specific humidity and temperature on COVID-19 morbidity in select US cities. Science of the Total Environment, 2020, 740, 140093.	3.9	93
4	Land Surface Albedo from Geostationary Satelites: A Multiagency Collaboration within SCOPE-CM. Bulletin of the American Meteorological Society, 2013, 94, 205-214.	1.7	28
5	What Do Global Climate Models Tell Us about Future Arctic Sea Ice Coverage Changes?. Climate, 2020, 8, 15.	1.2	20
6	Monte Carlo simulation of a solvated ionic polymer with cluster morphology. Smart Materials and Structures, 2006, 15, 187-199.	1.8	18
7	Algorithm Development of Temperature and Humidity Profile Retrievals for Long-Term HIRS Observations. Remote Sensing, 2016, 8, 280.	1.8	13
8	Uncertainty Quantification for Climate Observations. Bulletin of the American Meteorological Society, 2013, 94, ES21-ES25.	1.7	11
9	Sensitivity Analysis of Arctic Sea Ice Extent Trends and Statistical Projections Using Satellite Data. Remote Sensing, 2018, 10, 230.	1.8	8
10	Identification of Tropical Cyclone Storm Types Using Crowdsourcing. Monthly Weather Review, 2016, 144, 3783-3798.	0.5	7
11	Evaluation of Air and Soil Temperatures for Determining the Onset of Growing Season. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006171.	1.3	7
12	Sensitivity of Arctic Sea Ice Extent to Sea Ice Concentration Threshold Choice and Its Implication to Ice Coverage Decadal Trends and Statistical Projections. Remote Sensing, 2020, 12, 807.	1.8	6
13	Hierarchical Bayesian nearest neighbor co-kriging Gaussian process models; an application to intersatellite calibration. Spatial Statistics, 2021, 44, 100516.	0.9	5
14	Physiologically based pharmacokinetic modeling of dibromoacetic acid in F344 rats. Toxicology and Applied Pharmacology, 2010, 244, 196-207.	1.3	3
15	An Evaluation of HIRS Near-Surface Air Temperature Product in the Arctic with SHEBA Data. Journal of Atmospheric and Oceanic Technology, 2016, 33, 453-460.	0.5	3
16	CONFIDENCE INTERVAL ESTIMATION FOR AN EMPIRICAL MODEL QUANTIFYING THE EFFECT OF SOIL MOISTURE AND PLANT DEVELOPMENT ON SOYBEAN (GLYCINE MAX (L.) MERR.) LEAF CONDUCTANCE. International Journal of Pure and Applied Mathematics, 2013, 83, .	0.2	2
17	Quantifying Plant Age and Available Water Effects on Soybean Leaf Conductance. Agronomy Journal, 2013, 105, 28-36.	0.9	1
18	Intercomparisons of Long-Term Atmospheric Temperature and Humidity Profile Retrievals. Remote Sensing, 2019, 11, 853.	1.8	1