Angela J Rigden

List of Publications by Year
in descending order

23 papers	1,253 citations	567281 15 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	2161 citing authors

#	Article	IF	Citations
1	Differences in Radiative Forcing, Not Sensitivity, Explain Differences in Summertime Land Temperature Variance Change Between CMIP5 and CMIP6. Earth's Future, 2022, 10, .	6.3	2
2	Retrospective Predictions of Rice and Other Crop Production in Madagascar Using Soil Moisture and an NDVI-Based Calendar from 2010â€“2017. Remote Sensing, 2022, 14, 1223.	4.0	6
3	Global evaluation of terrestrial near-surface air temperature and specific humidity retrievals from the Atmospheric Infrared Sounder (AIRS). Remote Sensing of Environment, 2021, 252, 112146.	11.0	15
4	Climate impacts and adaptation in US dairy systems 1981â€“2018. Nature Food, 2021, 2, 894-901.	14.0	16
5	Microwave Retrievals of Soil Moisture Improve Grassland Wildfire Predictions. Geophysical Research Letters, 2020, 47, e2020GL091410.	4.0	18
6	Emergent Simplicity of Continental Evapotranspiration. Geophysical Research Letters, 2020, 47, e2020GL087101.	4.0	24
7	Combined influence of soil moisture and atmospheric evaporative demand is important for accurately predicting US maize yields. Nature Food, 2020, 1, 127-133.	14.0	113
8	Modification of surface energy balance during springtime: The relative importance of biophysical and meteorological changes. Agricultural and Forest Meteorology, 2020, 284, 107905.	4.8	45
9	Kenyan tea is made with heat and water: how will climate change influence its yield?. Environmental Research Letters, 2020, 15, 044003.	5.2	10
10	Reviews and syntheses: Turning the challenges of partitioning ecosystem evaporation and transpiration into opportunities. Biogeosciences, 2019, 16, 3747-3775.	3.3	150
11	Contrasting Evaporative Responses of Ecosystems to Heatwaves Traced to the Opposing Roles of Vapor Pressure Deficit and Surface Resistance. Water Resources Research, 2019, 55, 4550-4563.	4.2	33
12	Urban heat island: Aerodynamics or imperviousness?. Science Advances, 2019, 5, eaau4299.	10.3	179
13	Satellite and Station Observations Demonstrate Water Availability's Effect on Continentalâ€Scale Evaporative and Photosynthetic Land Surface Dynamics. Water Resources Research, 2019, 55, 540-554.	4.2	34
14	Attribution of Local Temperature Response to Deforestation. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1572-1587.	3.0	60
15	Dependence of thermal roughness length on friction velocity across land cover types: A synthesis analysis using AmeriFlux data. Agricultural and Forest Meteorology, 2018, 249, 512-519.	4.8	30
16	Partitioning Evapotranspiration Over the Continental United States Using Weather Station Data. Geophysical Research Letters, 2018, 45, 9605-9613.	4.0	22
17	Reconciling the Reynolds number dependence of scalar roughness length and laminar resistance. Geophysical Research Letters, 2017, 44, 3193-3200.	4.0	13
18	Attribution of surface temperature anomalies induced by land use and land cover changes. Geophysical Research Letters, 2017, 44, 6814-6822.	4.0	90

#	Article	IF	Citations
19	Stomatal response to humidity and <scp>CO</scp>₂ implicated in recent decline in <scp>US</scp> evaporation. Global Change Biology, 2017, 23, 1140-1151.	9.5	58
20	Evaporation estimates using weather station data and boundary layer theory. Geophysical Research Letters, 2016, 43, 11,661.	4.0	53
21	Evapotranspiration based on equilibrated relative humidity (ETRHEQ): Evaluation over the continental U.S.. Water Resources Research, 2015, 51, 2951-2973.	4.2	49
22	The pattern across the continental United States of evapotranspiration variability associated with water availability. Frontiers in Earth Science, 2015, 3, .	1.8	12
23	Changes in autumn senescence in northern hemisphere deciduous trees: a meta-analysis of autumn phenology studies. Annals of Botany, 2015, 116, 875-888.	2.9	221