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	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
2	Urban heat island: Aerodynamics or imperviousness?. Science Advances, 2019, 5, eaau4299.	10.3	179
3	Reviews and syntheses: Turning the challenges of partitioning ecosystem evaporation and transpiration into opportunities. Biogeosciences, 2019, 16, 3747-3775.	3.3	150
4	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
5	Attribution of surface temperature anomalies induced by land use and land cover changes. Geophysical Research Letters, 2017, 44, 6814-6822.	4.0	90
6	Attribution of Local Temperature Response to Deforestation. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1572-1587.	3.0	60
7	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
8	Evaporation estimates using weather station data and boundary layer theory. Geophysical Research Letters, 2016, 43, 11,661.	4.0	53
9	Evapotranspiration based on equilibrated relative humidity (ETRHEQ): Evaluation over the continental U.S.. Water Resources Research, 2015, 51, 2951-2973.	4.2	49
10	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
11	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
12	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
13	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
14	Emergent Simplicity of Continental Evapotranspiration. Geophysical Research Letters, 2020, 47, e2020GL087101.	4.0	24
15	Partitioning Evapotranspiration Over the Continental United States Using Weather Station Data. Geophysical Research Letters, 2018, 45, 9605-9613.	4.0	22
16	Microwave Retrievals of Soil Moisture Improve Grassland Wildfire Predictions. Geophysical Research Letters, 2020, 47, e2020GL091410.	4.0	18
17	Climate impacts and adaptation in US dairy systems 1981â€“2018. Nature Food, 2021, 2, 894-901.	14.0	16
18	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

#	Article	IF	Citations
19	Reconciling the Reynolds number dependence of scalar roughness length and laminar resistance. Geophysical Research Letters, 2017, 44, 3193-3200.	4.0	13
20	The pattern across the continental United States of evapotranspiration variability associated with water availability. Frontiers in Earth Science, 2015, 3, .	1.8	12
21	Kenyan tea is made with heat and water: how will climate change influence its yield?. Environmental Research Letters, 2020, 15, 044003.	5.2	10
22	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
23	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