

Qiaozhen Mu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

6,819
citations

25
h-index

41
g-index

41
ext. papers

7,716
ext. citations

8.7
avg, IF

5.77
L-index

#	Paper	IF	Citations
39	Positional Dependence of SNPP VIIRS Solar Diffuser BRDF Change Factor: An Empirical Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 8056-8061	8.1	2
38	Assessment of SNPP VIIRS RSB detector-to-detector differences using deep convective clouds and deserts. <i>Journal of Applied Remote Sensing</i> , 2020 , 14, 1	1.4	2
37	MODIS Reflective Solar Bands On-Orbit Calibration and Performance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 6355-6371	8.1	15
36	Results From the Deep Convective Clouds-Based Response Versus Scan-Angle Characterization for the MODIS Reflective Solar Bands. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 1115-1128	8.1	4
35	Exploring the stability and residual response versus scan angle effects in SNPP VIIRS sensor data record reflectance products using deep convective clouds. <i>Journal of Applied Remote Sensing</i> , 2018 , 12, 1	1.4	5
34	Assessment of Terra MODIS thermal emissive band calibration using cold targets and measurements in lunar roll events 2018 ,		2
33	Evaluating the long-term stability and response versus scan angle effect in the SNPP VIIRS SDR reflectance product using a deep convective cloud technique 2018 ,		1
32	Improving global terrestrial evapotranspiration estimation using support vector machine by integrating three process-based algorithms. <i>Agricultural and Forest Meteorology</i> , 2017 , 242, 55-74	5.8	64
31	Optimization of a Deep Convective Cloud Technique in Evaluating the Long-Term Radiometric Stability of MODIS Reflective Solar Bands. <i>Remote Sensing</i> , 2017 , 9, 535	5	13
30	Assessment of MODIS RSB detector uniformity using deep convective clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 4783-4796	4.4	9
29	Potential and Actual impacts of deforestation and afforestation on land surface temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 14,372-14,386	4.4	69
28	Assessment of MODIS on-orbit calibration using a deep convective cloud technique 2016 ,		2
27	Assessing the remotely sensed Drought Severity Index for agricultural drought monitoring and impact analysis in North China. <i>Ecological Indicators</i> , 2016 , 63, 296-309	5.8	71
26	Using MODIS weekly evapotranspiration to monitor drought 2016 ,		5
25	VIIRS Reflective Solar Band Radiometric and Stability Evaluation Using Deep Convective Clouds. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 7009-7017	8.1	10
24	A satellite-based hybrid algorithm to determine the Priestley-Taylor parameter for global terrestrial latent heat flux estimation across multiple biomes. <i>Remote Sensing of Environment</i> , 2015 , 165, 216-233	13.2	71
23	Local cooling and warming effects of forests based on satellite observations. <i>Nature Communications</i> , 2015 , 6, 6603	17.4	249

22	Comparing Evapotranspiration from Eddy Covariance Measurements, Water Budgets, Remote Sensing, and Land Surface Models over Canada ^{a,b} . <i>Journal of Hydrometeorology</i> , 2015 , 16, 1540-1560	3.7	59
21	Evaluation of NLDAS-2 evapotranspiration against tower flux site observations. <i>Hydrological Processes</i> , 2015 , 29, 1757-1771	3.3	39
20	Comparison of satellite-based evapotranspiration models over terrestrial ecosystems in China. <i>Remote Sensing of Environment</i> , 2014 , 140, 279-293	13.2	166
19	Bayesian multimodel estimation of global terrestrial latent heat flux from eddy covariance, meteorological, and satellite observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 4521-4545	4.4	93
18	A Remotely Sensed Global Terrestrial Drought Severity Index. <i>Bulletin of the American Meteorological Society</i> , 2013 , 94, 83-98	6.1	281
17	Satellite-derived estimates of forest leaf area index in southwest Western Australia are not tightly coupled to interannual variations in rainfall: implications for groundwater decline in a drying climate. <i>Global Change Biology</i> , 2013 , 19, 2401-12	11.4	35
16	Global-Scale Estimation of Land Surface Heat Fluxes from Space 2013 , 249-282		5
15	Validation of MODIS 16 global terrestrial evapotranspiration products in various climates and land cover types in Asia. <i>KSCE Journal of Civil Engineering</i> , 2012 , 16, 229-238	1.9	133
14	Remote Sensing and Modeling of Global Evapotranspiration 2012 , 443-480		1
13	Upscaling key ecosystem functions across the conterminous United States by a water-centric ecosystem model. <i>Journal of Geophysical Research</i> , 2011 , 116,		119
12	Direct impacts on local climate of sugar-cane expansion in Brazil. <i>Nature Climate Change</i> , 2011 , 1, 105-109	1.4	176
11	Evolution of hydrological and carbon cycles under a changing climate. <i>Hydrological Processes</i> , 2011 , 25, 4093-4102	3.3	29
10	Improvements to a MODIS global terrestrial evapotranspiration algorithm. <i>Remote Sensing of Environment</i> , 2011 , 115, 1781-1800	13.2	1581
9	Recent decline in the global land evapotranspiration trend due to limited moisture supply. <i>Nature</i> , 2010 , 467, 951-4	50.4	1382
8	Satellite based analysis of northern ET trends and associated changes in the regional water balance from 1983 to 2005. <i>Journal of Hydrology</i> , 2009 , 379, 92-110	6	189
7	The net carbon drawdown of small scale afforestation from satellite observations. <i>Global and Planetary Change</i> , 2009 , 69, 195-204	4.2	51
6	Satellite assessment of land surface evapotranspiration for the pan-Arctic domain. <i>Water Resources Research</i> , 2009 , 45,	5.4	70
5	Contribution of increasing CO ₂ and climate change to the carbon cycle in China's ecosystems. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		40

4	Multi-sensor model-data fusion for estimation of hydrologic and energy flux parameters. <i>Remote Sensing of Environment</i> , 2008 , 112, 1306-1319	13.2	42
3	Evaluating water stress controls on primary production in biogeochemical and remote sensing based models. <i>Journal of Geophysical Research</i> , 2007 , 112,		94
2	Regional evaporation estimates from flux tower and MODIS satellite data. <i>Remote Sensing of Environment</i> , 2007 , 106, 285-304	13.2	528
1	Development of a global evapotranspiration algorithm based on MODIS and global meteorology data. <i>Remote Sensing of Environment</i> , 2007 , 111, 519-536	13.2	1112