

Shunlin Liang

List of Publications by Citations

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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.

310
papers

15,179
citations

59
h-index

112
g-index

338
ext. papers

18,370
ext. citations

7
avg, IF

7
L-index

#	Paper	IF	Citations
310	First operational BRDF, albedo nadir reflectance products from MODIS. <i>Remote Sensing of Environment</i> , 2002 , 83, 135-148	13.2	1683
309	Narrowband to broadband conversions of land surface albedo I. <i>Remote Sensing of Environment</i> , 2001 , 76, 213-238	13.2	735
308	Time-lag effects of global vegetation responses to climate change. <i>Global Change Biology</i> , 2015 , 21, 3520-34	13.4	373
307	Use of General Regression Neural Networks for Generating the GLASS Leaf Area Index Product From Time-Series MODIS Surface Reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 209-223	8.1	359
306	A long-term Global Land Surface Satellite (GLASS) data-set for environmental studies. <i>International Journal of Digital Earth</i> , 2013 , 6, 5-33	3.9	294
305	The altitudinal dependence of recent rapid warming over the Tibetan Plateau. <i>Climatic Change</i> , 2009 , 97, 321-327	4.5	271
304	Validating MODIS land surface reflectance and albedo products: methods and preliminary results. <i>Remote Sensing of Environment</i> , 2002 , 83, 149-162	13.2	271
303	Recent Third Pole Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, 423-444	6.1	253
302	The role of satellite remote sensing in climate change studies. <i>Nature Climate Change</i> , 2013 , 3, 875-883	21.4	230
301	Validation of MODIS and CYCLOPES LAI products using global field measurement data. <i>Remote Sensing of Environment</i> , 2012 , 119, 43-54	13.2	218
300	Review on Estimation of Land Surface Radiation and Energy Budgets From Ground Measurement, Remote Sensing and Model Simulations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2010 , 3, 225-240	4.7	209
299	Improving winter wheat yield estimation by assimilation of the leaf area index from Landsat TM and MODIS data into the WOFOST model. <i>Agricultural and Forest Meteorology</i> , 2015 , 204, 106-121	5.8	202
298	Validating MODIS land surface temperature products using long-term nighttime ground measurements. <i>Remote Sensing of Environment</i> , 2008 , 112, 623-635	13.2	197
297	Long-Time-Series Global Land Surface Satellite Leaf Area Index Product Derived From MODIS and AVHRR Surface Reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 5301-5318	8.1	196
296	Accuracy assessment of the MODIS 16-day albedo product for snow: comparisons with Greenland in situ measurements. <i>Remote Sensing of Environment</i> , 2005 , 94, 46-60	13.2	196
295	Evaluation of ASTER and MODIS land surface temperature and emissivity products using long-term surface longwave radiation observations at SURFRAD sites. <i>Remote Sensing of Environment</i> , 2009 , 113, 1556-1565	13.2	177
294	Comparison of satellite-based evapotranspiration models over terrestrial ecosystems in China. <i>Remote Sensing of Environment</i> , 2014 , 140, 279-293	13.2	166

293	Narrowband to broadband conversions of land surface albedo: II. Validation. <i>Remote Sensing of Environment</i> , 2003 , 84, 25-41	13.2	166
292	Winter wheat area estimation from MODIS-EVI time series data using the Crop Proportion Phenology Index. <i>Remote Sensing of Environment</i> , 2012 , 119, 232-242	13.2	162
291	Consistency of MODIS surface bidirectional reflectance distribution function and albedo retrievals: 2. Validation. <i>Journal of Geophysical Research</i> , 2003 , 108,		162
290	An Improved Land Surface Emissivity Parameter for Land Surface Models Using Global Remote Sensing Observations. <i>Journal of Climate</i> , 2006 , 19, 2867-2881	4.4	158
289	Retrieval of Land Surface Albedo from Satellite Observations: A Simulation Study. <i>Journal of Applied Meteorology and Climatology</i> , 1999 , 38, 712-725		153
288	MODIS-driven estimation of terrestrial latent heat flux in China based on a modified Priestley-Taylor algorithm. <i>Agricultural and Forest Meteorology</i> , 2013 , 171-172, 187-202	5.8	138
287	An Improved Method for Estimating Global Evapotranspiration Based on Satellite Determination of Surface Net Radiation, Vegetation Index, Temperature, and Soil Moisture. <i>Journal of Hydrometeorology</i> , 2008 , 9, 712-727	3.7	134
286	Estimation of incident photosynthetically active radiation from Moderate Resolution Imaging Spectrometer data. <i>Journal of Geophysical Research</i> , 2006 , 111,		129
285	A comparison of empirical and neural network approaches for estimating corn and soybean leaf area index from Landsat ETM+ imagery*1. <i>Remote Sensing of Environment</i> , 2004 , 92, 465-474	13.2	124
284	Fractional vegetation cover estimation algorithm for Chinese GF-1 wide field view data. <i>Remote Sensing of Environment</i> , 2016 , 177, 184-191	13.2	118
283	Direct-Estimation Algorithm for Mapping Daily Land-Surface Broadband Albedo From MODIS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 907-919	8.1	108
282	Vegetation dynamics and responses to recent climate change in Xinjiang using leaf area index as an indicator. <i>Ecological Indicators</i> , 2015 , 58, 64-76	5.8	108
281	Recent developments in estimating land surface biogeophysical variables from optical remote sensing. <i>Progress in Physical Geography</i> , 2007 , 31, 501-516	3.5	108
280	2003 ,		106
279	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2003 , 41, 2052-2062	8.1	106
278	Preliminary evaluation of the long-term GLASS albedo product. <i>International Journal of Digital Earth</i> , 2013 , 6, 69-95	3.9	103
277	Generating Global LAnd Surface Satellite incident shortwave radiation and photosynthetically active radiation products from multiple satellite data. <i>Remote Sensing of Environment</i> , 2014 , 152, 318-332	13.2	102
276	Land Cover Classification of Landsat Data with Phenological Features Extracted from Time Series MODIS NDVI Data. <i>Remote Sensing</i> , 2014 , 6, 11518-11532	5	96

275	Estimation of high-spatial resolution clear-sky longwave downward and net radiation over land surfaces from MODIS data. <i>Remote Sensing of Environment</i> , 2009 , 113, 745-754	13.2	95
274	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
273	Spatially and temporally continuous LAI data sets based on an integrated filtering method: Examples from North America. <i>Remote Sensing of Environment</i> , 2008 , 112, 75-93	13.2	93
272	Estimating the Optimal Broadband Emissivity Spectral Range for Calculating Surface Longwave Net Radiation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013 , 10, 401-405	4.1	91
271	Global Land Surface Fractional Vegetation Cover Estimation Using General Regression Neural Networks From MODIS Surface Reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015 , 53, 4787-4796	8.1	88
270	Analysis of global land surface albedo climatology and spatial-temporal variation during 1981-2010 from multiple satellite products. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 10,281-10,294	4.4	87
269	Analysis of surface incident shortwave radiation from four satellite products. <i>Remote Sensing of Environment</i> , 2015 , 165, 186-202	13.2	84
268	Evidence for decadal variation in global terrestrial evapotranspiration between 1982 and 2002: 1. Model development. <i>Journal of Geophysical Research</i> , 2010 , 115,		84
267	Evaluation of the Reanalysis Surface Incident Shortwave Radiation Products from NCEP, ECMWF, GSFC, and JMA Using Satellite and Surface Observations. <i>Remote Sensing</i> , 2016 , 8, 225	5	84
266	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2003 , 41, 136-145	8.1	83
265	Estimation of monthly-mean daily global solar radiation based on MODIS and TRMM products. <i>Applied Energy</i> , 2011 , 88, 2480-2489	10.7	82
264	Real-time retrieval of Leaf Area Index from MODIS time series data. <i>Remote Sensing of Environment</i> , 2011 , 115, 97-106	13.2	81
263	Mapping daily snow/ice shortwave broadband albedo from Moderate Resolution Imaging Spectroradiometer (MODIS): The improved direct retrieval algorithm and validation with Greenland in situ measurement. <i>Journal of Geophysical Research</i> , 2005 , 110,		81
262	An optimization algorithm for separating land surface temperature and emissivity from multispectral thermal infrared imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2001 , 39, 264-274	8.1	77
261	Progress in bidirectional reflectance modeling and applications for surface particulate media: Snow and soils. <i>International Journal of Remote Sensing</i> , 2000 , 18, 307-342		76
260	Development of a hybrid method for estimating land surface shortwave net radiation from MODIS data. <i>Remote Sensing of Environment</i> , 2010 , 114, 2393-2402	13.2	74
259	An operational atmospheric correction algorithm for Landsat Thematic Mapper imagery over the land. <i>Journal of Geophysical Research</i> , 1997 , 102, 17173-17186		72
258	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

257	Global atmospheric downward longwave radiation over land surface under all-sky conditions from 1973 to 2008. <i>Journal of Geophysical Research</i> , 2009 , 114,		71
256	A statistics-based temporal filter algorithm to map spatiotemporally continuous shortwave albedo from MODIS data. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 2121-2129	5.5	70
255	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
254	Observed contrast changes in snow cover phenology in northern middle and high latitudes from 2001-2014. <i>Scientific Reports</i> , 2015 , 5, 16820	4.9	60
253	Annual dynamics of global land cover and its long-term changes from 1982 to 2015. <i>Earth System Science Data</i> , 2020 , 12, 1217-1243	10.5	60
252	The Global Land Surface Satellite (GLASS) Product Suite. <i>Bulletin of the American Meteorological Society</i> , 2021 , 102, E323-E337	6.1	60
251	Estimating surface solar irradiance from satellites: Past, present, and future perspectives. <i>Remote Sensing of Environment</i> , 2019 , 233, 111371	13.2	59
250	Evaluating land surface albedo estimation from Landsat MSS, TM, ETM +, and OLI data based on the unified direct estimation approach. <i>Remote Sensing of Environment</i> , 2018 , 204, 181-196	13.2	59
249	Estimation of surface albedo and directional reflectance from Moderate Resolution Imaging Spectroradiometer (MODIS) observations. <i>Remote Sensing of Environment</i> , 2012 , 119, 286-300	13.2	57
248	Evaluation of four long time-series global leaf area index products. <i>Agricultural and Forest Meteorology</i> , 2017 , 246, 218-230	5.8	55
247	Remote sensing of earth's energy budget: synthesis and review. <i>International Journal of Digital Earth</i> , 2019 , 12, 737-780	3.9	54
246	Mapping Surface Broadband Albedo from Satellite Observations: A Review of Literatures on Algorithms and Products. <i>Remote Sensing</i> , 2015 , 7, 990-1020	5	54
245	Observational evidence for impacts of vegetation change on local surface climate over northern China using the Granger causality test. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015 , 120, 1-12 ³⁻⁷		53
244	Changes in forest biomass and linkage to climate and forest disturbances over Northeastern China. <i>Global Change Biology</i> , 2014 , 20, 2596-606	11.4	52
243	Direct estimation of land surface albedo from VIIRS data: Algorithm improvement and preliminary validation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 12,577-12,586	4.4	52
242	Estimating the fraction of absorbed photosynthetically active radiation from the MODIS data based GLASS leaf area index product. <i>Remote Sensing of Environment</i> , 2015 , 171, 105-117	13.2	51
241	Retrieval of leaf area index using temporal, spectral, and angular information from multiple satellite data. <i>Remote Sensing of Environment</i> , 2014 , 145, 25-37	13.2	51
240	The Global Land Surface Satellite (GLASS) Remote Sensing Data Processing System and Products. <i>Remote Sensing</i> , 2013 , 5, 2436-2450	5	51

239	A Temporally Integrated Inversion Method for Estimating Leaf Area Index From MODIS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 2536-2545	8.1	51
238	Estimation of gross primary production over the terrestrial ecosystems in China. <i>Ecological Modelling</i> , 2013 , 261-262, 80-92	3	50
237	Detection and attribution of changes in hydrological cycle over the Three-North region of China: Climate change versus afforestation effect. <i>Agricultural and Forest Meteorology</i> , 2015 , 203, 74-87	5.8	50
236	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 1559-1570	8.1	50
235	Improved estimation of aerosol optical depth from MODIS imagery over land surfaces. <i>Remote Sensing of Environment</i> , 2006 , 104, 416-425	13.2	50
234	Surface-sensible and latent heat fluxes over the Tibetan Plateau from ground measurements, reanalysis, and satellite data. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 5659-5677	6.8	49
233	Spatio-Temporal Patterns and Climate Variables Controlling of Biomass Carbon Stock of Global Grassland Ecosystems from 1982 to 2006. <i>Remote Sensing</i> , 2014 , 6, 1783-1802	5	49
232	Improved estimate of global gross primary production for reproducing its long-term variation, 1982-2017. <i>Earth System Science Data</i> , 2020 , 12, 2725-2746	10.5	48
231	Forest cover classification using Landsat ETM+ data and time series MODIS NDVI data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014 , 33, 32-38	7.3	47
230	A LUT-based approach to estimate surface solar irradiance by combining MODIS and MTSAT data. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		47
229	Estimation of Incident Photosynthetically Active Radiation from GOES Visible Imagery. <i>Journal of Applied Meteorology and Climatology</i> , 2008 , 47, 853-868	2.7	47
228	Mapping incident photosynthetically active radiation from MODIS data over China. <i>Remote Sensing of Environment</i> , 2008 , 112, 998-1009	13.2	47
227	Assessment of five global satellite products of fraction of absorbed photosynthetically active radiation: Intercomparison and direct validation against ground-based data. <i>Remote Sensing of Environment</i> , 2015 , 163, 270-285	13.2	46
226	A practical reanalysis data and thermal infrared remote sensing data merging (RTM) method for reconstruction of a 1-km all-weather land surface temperature. <i>Remote Sensing of Environment</i> , 2021 , 260, 112437	13.2	46
225	An efficient physically based parameterization to derive surface solar irradiance based on satellite atmospheric products. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 4975-4988	4.4	45
224	A modified hapke model for soil bidirectional reflectance. <i>Remote Sensing of Environment</i> , 1996 , 55, 1-10	13.2	45
223	Improving Predictions of Water and Heat Fluxes by Assimilating MODIS Land Surface Temperature Products into the Common Land Model. <i>Journal of Hydrometeorology</i> , 2011 , 12, 227-244	3.7	44
222	Forest Biomass Mapping of Northeastern China Using GLAS and MODIS Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014 , 7, 140-152	4.7	43

221	Estimation of clear-sky land surface longwave radiation from MODIS data products by merging multiple models. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		43
220	Greenland surface albedo changes in July 1981-2012 from satellite observations. <i>Environmental Research Letters</i> , 2013 , 8, 044043	6.2	43
219	Estimation of Daytime Net Radiation from Shortwave Radiation Measurements and Meteorological Observations. <i>Journal of Applied Meteorology and Climatology</i> , 2009 , 48, 634-643	2.7	43
218	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2010 , 3, 296-305	4.7	43
217	Comparison of Four Machine Learning Methods for Generating the GLASS Fractional Vegetation Cover Product from MODIS Data. <i>Remote Sensing</i> , 2016 , 8, 682	5	40
216	Estimating the broadband longwave emissivity of global bare soil from the MODIS shortwave albedo product. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 614-634	4.4	38
215	An algorithm for estimating downward shortwave radiation from GMS 5 visible imagery and its evaluation over China. <i>Journal of Geophysical Research</i> , 2010 , 115,		38
214	Estimating the Hemispherical Broadband Longwave Emissivity of Global Vegetated Surfaces Using a Radiative Transfer Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 905-917	8.1	37
213	Estimating turbulent fluxes through assimilation of geostationary operational environmental satellites data using ensemble Kalman filter. <i>Journal of Geophysical Research</i> , 2011 , 116,		37
212	. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010 , 7, 776-780	4.1	37
211	Estimation of high-resolution land surface net shortwave radiation from AVIRIS data: Algorithm development and preliminary results. <i>Remote Sensing of Environment</i> , 2015 , 167, 20-30	13.2	36
210	Estimating daily average surface air temperature using satellite land surface temperature and top-of-atmosphere radiation products over the Tibetan Plateau. <i>Remote Sensing of Environment</i> , 2019 , 234, 111462	13.2	36
209	Estimating daily mean land surface albedo from MODIS data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 4825-4841	4.4	36
208	Large Differences in Terrestrial Vegetation Production Derived from Satellite-Based Light Use Efficiency Models. <i>Remote Sensing</i> , 2014 , 6, 8945-8965	5	36
207	Developing a spatially continuous 1 km surface albedo data set over North America from Terra MODIS products. <i>Journal of Geophysical Research</i> , 2007 , 112,		36
206	Estimation of daily-integrated PAR from sparse satellite observations: comparison of temporal scaling methods. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1661-1677	3.1	35
205	Impacts of land cover transitions on surface temperature in China based on satellite observations. <i>Environmental Research Letters</i> , 2018 , 13, 024010	6.2	35
204	Developing a composite daily snow cover extent record over the Tibetan Plateau from 1981 to 2016 using multisource data. <i>Remote Sensing of Environment</i> , 2018 , 215, 284-299	13.2	35

203	Estimation of Daily Surface Shortwave Net Radiation From the Combined MODIS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015 , 53, 5519-5529	8.1	34
202	Monitoring global land surface drought based on a hybrid evapotranspiration model. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011 , 13, 447-457	7.3	34
201	Estimating Surface Downward Shortwave Radiation over China Based on the Gradient Boosting Decision Tree Method. <i>Remote Sensing</i> , 2018 , 10, 185	5	33
200	Comparison of Radiative Transfer Models for Simulating Snow Surface Thermal Infrared Emissivity. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2010 , 3, 323-336	4.7	33
199	A Method for Estimating Clear-Sky Instantaneous Land-Surface Longwave Radiation With GOES Sounder and GOES-R ABI Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010 , 7, 708-712	4.1	33
198	A Weak-Constraint-Based Data Assimilation Scheme for Estimating Surface Turbulent Fluxes. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2007 , 4, 649-653	4.1	33
197	A simple temperature domain two-source model for estimating agricultural field surface energy fluxes from Landsat images. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 5211-5236	4.4	32
196	Estimation of evapotranspiration over the terrestrial ecosystems in China. <i>Ecohydrology</i> , 2014 , 7, 139-149.5	5	32
195	Development of the Adjoint Model of a Canopy Radiative Transfer Model for Sensitivity Study and Inversion of Leaf Area Index. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 2028-2037	8.1	31
194	Estimating clear-sky all-wave net radiation from combined visible and shortwave infrared (VSWIR) and thermal infrared (TIR) remote sensing data. <i>Remote Sensing of Environment</i> , 2015 , 167, 31-39	13.2	30
193	Estimation of all-sky instantaneous surface incident shortwave radiation from Moderate Resolution Imaging Spectroradiometer data using optimization method. <i>Remote Sensing of Environment</i> , 2018 , 209, 468-479	13.2	30
192	Estimation of net surface shortwave radiation from MODIS data. <i>International Journal of Remote Sensing</i> , 2012 , 33, 804-825	3.1	30
191	Estimating leaf area index from MODIS and surface meteorological data using a dynamic Bayesian network. <i>Remote Sensing of Environment</i> , 2012 , 127, 30-43	13.2	30
190	Assessment of Sentinel-2 MSI Spectral Band Reflectances for Estimating Fractional Vegetation Cover. <i>Remote Sensing</i> , 2018 , 10, 1927	5	30
189	Empirical estimation of daytime net radiation from shortwave radiation and ancillary information. <i>Agricultural and Forest Meteorology</i> , 2015 , 211-212, 23-36	5.8	29
188	Consistent estimation of multiple parameters from MODIS top of atmosphere reflectance data using a coupled soil-canopy-atmosphere radiative transfer model. <i>Remote Sensing of Environment</i> , 2016 , 184, 40-57	13.2	29
187	Global Estimates for High-Spatial-Resolution Clear-Sky Land Surface Upwelling Longwave Radiation From MODIS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 4115-4129	8.1	29
186	Mapping High-Resolution Surface Shortwave Net Radiation From Landsat Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014 , 11, 459-463	4.1	29

185	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 3428-3439	8.1	29
184	Estimation of 1-km all-weather remotely sensed land surface temperature based on reconstructed spatial-seamless satellite passive microwave brightness temperature and thermal infrared data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020 , 167, 321-344	11.8	29
183	Evaluation of ten machine learning methods for estimating terrestrial evapotranspiration from remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019 , 78, 86-92	7.3	28
182	A Framework for Consistent Estimation of Leaf Area Index, Fraction of Absorbed Photosynthetically Active Radiation, and Surface Albedo from MODIS Time-Series Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015 , 53, 3178-3197	8.1	28
181	Comprehensive Assessment of Global Surface Net Radiation Products and Uncertainty Analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 1970-1989	4.4	28
180	Enhanced wintertime greenhouse effect reinforcing Arctic amplification and initial sea-ice melting. <i>Scientific Reports</i> , 2017 , 7, 8462	4.9	28
179	Observed radiative cooling over the Tibetan Plateau for the past three decades driven by snow cover-induced surface albedo anomaly. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 6170-6185	4.4	28
178	Characterizing the surface radiation budget over the Tibetan Plateau with ground-measured, reanalysis, and remote sensing data sets: 2. Spatiotemporal analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 8921-8934	4.4	28
177	GLASS Daytime All-Wave Net Radiation Product: Algorithm Development and Preliminary Validation. <i>Remote Sensing</i> , 2016 , 8, 222	5	28
176	An efficient hybrid method for estimating clear-sky surface downward longwave radiation from MODIS data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 2616-2630	4.4	27
175	Responses of Natural Vegetation to Different Stages of Extreme Drought during 2009-2010 in Southwestern China. <i>Remote Sensing</i> , 2015 , 7, 14039-14054	5	27
174	Evaluation of satellite-estimated surface longwave radiation using ground-based observations. <i>Journal of Geophysical Research</i> , 2010 , 115,		27
173	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013 , 51, 2619-2631	8.1	26
172	Characterizing the surface radiation budget over the Tibetan Plateau with ground-measured, reanalysis, and remote sensing data sets: 1. Methodology. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 9642-9657	4.4	26
171	Estimation of high-resolution terrestrial evapotranspiration from Landsat data using a simple Taylor skill fusion method. <i>Journal of Hydrology</i> , 2017 , 553, 508-526	6	26
170	Surface Daytime Net Radiation Estimation Using Artificial Neural Networks. <i>Remote Sensing</i> , 2014 , 6, 11031-11050	5	26
169	Estimation of High-Resolution Land Surface Shortwave Albedo From AVIRIS Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014 , 7, 4919-4928	4.7	26
168	A New Set of MODIS Land Products (MCD18): Downward Shortwave Radiation and Photosynthetically Active Radiation. <i>Remote Sensing</i> , 2020 , 12, 168	5	26

167	Satellite observed changes in the Northern Hemisphere snow cover phenology and the associated radiative forcing and feedback between 1982 and 2013. <i>Environmental Research Letters</i> , 2016 , 11, 084002	6.2	26
166	Validation and Spatiotemporal Analysis of CERES Surface Net Radiation Product. <i>Remote Sensing</i> , 2016 , 8, 90	5	26
165	Validation and Application of the Modified Satellite-Based Priestley-Taylor Algorithm for Mapping Terrestrial Evapotranspiration. <i>Remote Sensing</i> , 2014 , 6, 880-904	5	25
164	Estimation of Daily Mean Photosynthetically Active Radiation under All-Sky Conditions Based on Relative Sunshine Data. <i>Journal of Applied Meteorology and Climatology</i> , 2012 , 51, 150-160	2.7	25
163	An Evaluation of Eight Machine Learning Regression Algorithms for Forest Aboveground Biomass Estimation from Multiple Satellite Data Products. <i>Remote Sensing</i> , 2020 , 12, 4015	5	25
162	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 4636-4650	8.1	24
161	Improving streamflow predictions at ungauged locations with real-time updating: application of an EnKF-based state-parameter estimation strategy. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 3923-3936	5.5	24
160	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 5158-5173	8.1	23
159	Hierarchical Bayesian space-time estimation of monthly maximum and minimum surface air temperature. <i>Remote Sensing of Environment</i> , 2018 , 211, 48-58	13.2	23
158	Estimating global land surface broadband thermal-infrared emissivity using advanced very high resolution radiometer optical data. <i>International Journal of Digital Earth</i> , 2013 , 6, 34-49	3.9	23
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