

# Shunlin Liang

## 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.

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	Improving the asymptotic radiative transfer model to better characterize the pure snow hyperspectral bidirectional reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	
309	Estimation of Daily All-wave Surface Net Radiation with Multispectral and Multitemporal Observations from GOES-16 ABI. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	
308	A stacking ensemble algorithm for improving the biases of forest aboveground biomass estimations from multiple remotely sensed datasets. <i>GIScience and Remote Sensing</i> , <b>2022</b> , 59, 234-249	4.8	3
307	Exploration of a novel geoengineering solution: lighting up tropical forests at night. <i>Earth System Dynamics</i> , <b>2022</b> , 13, 219-230	4.8	
306	Landsat snow-free surface albedo estimation over sloping terrain: Algorithm development and evaluation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	0
305	Assessment of surface downward longwave radiation in CMIP6 with comparison to observations and CMIP5. <i>Atmospheric Research</i> , <b>2022</b> , 106056	5.4	0
304	Simultaneous retrieval of land surface temperature and emissivity from the FengYun-4A advanced geosynchronous radiation imager. <i>International Journal of Digital Earth</i> , <b>2022</b> , 15, 198-225	3.9	1
303	Extension of the Hapke model to the spectral domain to characterize soil physical properties. <i>Remote Sensing of Environment</i> , <b>2022</b> , 269, 112843	13.2	5
302	Multi-decadal analysis of high-resolution albedo changes induced by urbanization over contrasted Chinese cities based on Landsat data. <i>Remote Sensing of Environment</i> , <b>2022</b> , 269, 112832	13.2	0
301	Improved estimation of the global top-of-atmosphere albedo from AVHRR data. <i>Remote Sensing of Environment</i> , <b>2022</b> , 269, 112836	13.2	0
300	Estimation of Aerosol Optical Depth at 30 m Resolution Using Landsat Imagery and Machine Learning. <i>Remote Sensing</i> , <b>2022</b> , 14, 1053	5	2
299	Trans-Arctic shipping routes expanding faster than the model projections. <i>Global Environmental Change</i> , <b>2022</b> , 73, 102488	10.1	1
298	Estimating global downward shortwave radiation from VIIRS data using a transfer-learning neural network. <i>Remote Sensing of Environment</i> , <b>2022</b> , 274, 112999	13.2	3
297	Determining the accuracy of the landsat-based land continuous Variable Estimator. <i>Science of Remote Sensing</i> , <b>2022</b> , 100054	11.8	
296	A New Spatial-Temporal Depthwise Separable Convolutional Fusion Network for Generating Landsat 8-Day Surface Reflectance Time Series over Forest Regions. <i>Remote Sensing</i> , <b>2022</b> , 14, 2199	5	0
295	A global long-term (1981-2019) daily land surface radiation budget product from AVHRR satellite data using a residual convolutional neural network. <i>Earth System Science Data</i> , <b>2022</b> , 14, 2315-2341	10.5	1
294	The Global LAnd Surface Satellite (GLASS) evapotranspiration product Version 5.0: Algorithm development and preliminary validation. <i>Journal of Hydrology</i> , <b>2022</b> , 610, 127990	6	0

293	Generating a 2-km, all-sky, hourly land surface temperature product from Advanced Baseline Imager data. <i>Remote Sensing of Environment</i> , <b>2022</b> , 278, 113105	13.2	1
292	A 1 km global dataset of historical (1979-2013) and future (2020-2100) Köppen-Geiger climate classification and bioclimatic variables. <i>Earth System Science Data</i> , <b>2021</b> , 13, 5087-5114	10.5	2
291	Land surface albedo estimation with Chinese GF-1 WFV data in Northwest China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 1-1	4.7	0
290	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-1	8.1	1
289	Developing a Land continuous Variable Estimator to generate daily land products from Landsat data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-1	8.1	0
288	Top-of-Atmosphere Clear-Sky Albedo Estimation Over Ocean: Preliminary Framework for MODIS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-9	8.1	0
287	Generating the 30-m land surface temperature product over continental China and USA from landsat 5/7/8 data. <i>Science of Remote Sensing</i> , <b>2021</b> , 4, 100032	11.8	8
286	A New Empirical Estimation Scheme for Daily Net Radiation at the Ocean Surface. <i>Remote Sensing</i> , <b>2021</b> , 13, 4170	5	0
285	Loess Plateau evapotranspiration intensified by land surface radiative forcing associated with ecological restoration. <i>Agricultural and Forest Meteorology</i> , <b>2021</b> , 311, 108669	5.8	4
284	Estimating Global Gross Primary Production from Sun-Induced Chlorophyll Fluorescence Data and Auxiliary Information Using Machine Learning Methods. <i>Remote Sensing</i> , <b>2021</b> , 13, 963	5	3
283	Generating a High-Resolution Time-Series Ocean Surface Net Radiation Product by Downscaling J-OFURO3. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 2794-2809	8.1	4
282	An Optimization Approach for Estimating Multiple Land Surface and Atmospheric Variables From the Geostationary Advanced Himawari Imager Top-of-Atmosphere Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 2888-2908	8.1	11
281	Mapping 30 m Fractional Forest Cover over China's Three-North Region from Landsat-8 Data Using Ensemble Machine Learning Methods. <i>Remote Sensing</i> , <b>2021</b> , 13, 2592	5	1
280	Developing Long Time Series 1-km Land Cover Maps From 5-km AVHRR Data Using a Super-Resolution Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 5479-5493	8.1	
279	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> , <b>2021</b> , 260, 112437	13.2	46
278	Impact of Initialized Land Surface Temperature and Snowpack on Subseasonal to Seasonal Prediction Project, Phase I (LS4P-I): organization and experimental design. <i>Geoscientific Model Development</i> , <b>2021</b> , 14, 4465-4494	6.3	4
277	Trends and Variability of Atmospheric Downward Longwave Radiation Over China From 1958 to 2015. <i>Earth and Space Science</i> , <b>2021</b> , 8, e2020EA001370	3.1	3
276	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 4105-4119	8.1	3

275	Observed and projected changes in global climate zones based on Köppen climate classification. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , <b>2021</b> , 12, e701	8.4	9
274	New Metrics and the Combinations for Estimating Forest Biomass From GLAS Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 7830-7839	4.7	1
273	Estimating 250-m Land Surface and Atmospheric Variables From MERSI Top-of-Atmosphere Reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-16	8.1	
272	An Effective Method for Generating Spatiotemporally Continuous 30 m Vegetation Products. <i>Remote Sensing</i> , <b>2021</b> , 13, 719	5	
271	The Global Land Surface Satellite (GLASS) Product Suite. <i>Bulletin of the American Meteorological Society</i> , <b>2021</b> , 102, E323-E337	6.1	60
270	Estimating fractional snow cover from passive microwave brightness temperature data using MODIS snow cover product over North America. <i>Cryosphere</i> , <b>2021</b> , 15, 835-861	5.5	3
269	Dynamic Cooling Effects of Permanent Urban Green Spaces in Beijing, China. <i>Remote Sensing</i> , <b>2021</b> , 13, 3282	5	1
268	An all-sky 1 km daily land surface air temperature product over mainland China for 2003-2019 from MODIS and ancillary data. <i>Earth System Science Data</i> , <b>2021</b> , 13, 4241-4261	10.5	7
267	Cloudy-sky land surface temperature from VIIRS and MODIS satellite data using a surface energy balance-based method. <i>Remote Sensing of Environment</i> , <b>2021</b> , 263, 112566	13.2	16
266	A synergic study on estimating surface downward shortwave radiation from satellite data. <i>Remote Sensing of Environment</i> , <b>2021</b> , 264, 112639	13.2	5
265	DNN-MET: A deep neural networks method to integrate satellite-derived evapotranspiration products, eddy covariance observations and ancillary information. <i>Agricultural and Forest Meteorology</i> , <b>2021</b> , 308-309, 108582	5.8	6
264	Estimation of all-sky 1km land surface temperature over the conterminous United States. <i>Remote Sensing of Environment</i> , <b>2021</b> , 266, 112707	13.2	9
263	Comprehensive assessment of five global daily downward shortwave radiation satellite products. <i>Science of Remote Sensing</i> , <b>2021</b> , 4, 100028	11.8	3
262	An Automatic Radiometric Cross-Calibration Method for Wide-Angle Medium-Resolution Multispectral Satellite Sensor Using Landsat Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-11	8.1	3
261	Estimation of all-sky all-wave daily net radiation at high latitudes from MODIS data. <i>Remote Sensing of Environment</i> , <b>2020</b> , 245, 111842	13.2	16
260	Impact of Air Temperature Inversion on the Clear-Sky Surface Downward Longwave Radiation Estimation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 4796-4802	8.1	6
259	Assessing Terrestrial Ecosystem Resilience using Satellite Leaf Area Index. <i>Remote Sensing</i> , <b>2020</b> , 12, 595	5	7
258	Air pollution slows down surface warming over the Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 881-899	6.8	5

257	Monitoring maize growth on the North China Plain using a hybrid genetic algorithm-based back-propagation neural network model. <i>Computers and Electronics in Agriculture</i> , <b>2020</b> , 170, 105238	6.5	14
256	Quantitatively Assessing and Attributing Land Use and Land Cover Changes on China's Loess Plateau. <i>Remote Sensing</i> , <b>2020</b> , 12, 353	5	15
255	A New Set of MODIS Land Products (MCD18): Downward Shortwave Radiation and Photosynthetically Active Radiation. <i>Remote Sensing</i> , <b>2020</b> , 12, 168	5	26
254	Intercomparison of Machine-Learning Methods for Estimating Surface Shortwave and Photosynthetically Active Radiation. <i>Remote Sensing</i> , <b>2020</b> , 12, 372	5	6
253	Annual dynamics of global land cover and its long-term changes from 1982 to 2015. <i>Earth System Science Data</i> , <b>2020</b> , 12, 1217-1243	10.5	60
252	Improved estimate of global gross primary production for reproducing its long-term variation, 1982-2017. <i>Earth System Science Data</i> , <b>2020</b> , 12, 2725-2746	10.5	48
251	A global long-term (1981-2000) land surface temperature product for NOAA AVHRR. <i>Earth System Science Data</i> , <b>2020</b> , 12, 3247-3268	10.5	18
250	Assessing the thermal contributions of urban land cover types. <i>Landscape and Urban Planning</i> , <b>2020</b> , 204, 103927	7.7	21
249	A New Method for Generating a Global Forest Aboveground Biomass Map From Multiple High-Level Satellite Products and Ancillary Information. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 2587-2597	4.7	10
248	An Evaluation of Eight Machine Learning Regression Algorithms for Forest Aboveground Biomass Estimation from Multiple Satellite Data Products. <i>Remote Sensing</i> , <b>2020</b> , 12, 4015	5	25
247	Greening Hiatus in Eurasian Boreal Forests Since 1997 Caused by a Wetting and Cooling Summer Climate. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2020</b> , 125, e2020JG005662	3.7	3
246	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> , <b>2020</b> , 167, 321-344	11.8	29
245	Fusion of Multiple Gridded Biomass Datasets for Generating a Global Forest Aboveground Biomass Map. <i>Remote Sensing</i> , <b>2020</b> , 12, 2559	5	7
244	Observed Vegetation Greening and Its Relationships with Cropland Changes and Climate in China. <i>Land</i> , <b>2020</b> , 9, 274	3.5	1
243	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 1-11	8.1	3
242	Estimation of Land Surface Incident and Net Shortwave Radiation from Visible Infrared Imaging Radiometer Suite (VIIRS) Using an Optimization Method. <i>Remote Sensing</i> , <b>2020</b> , 12, 4153	5	1
241	Fractional vegetation cover estimation in heterogeneous areas by combining a radiative transfer model and a dynamic vegetation model. <i>International Journal of Digital Earth</i> , <b>2020</b> , 13, 487-503	3.9	4
240	Assessing the impacts of the spring sensible heat flux over the Tibetan Plateau on Asian summer monsoon rainfall using observational and reanalysis data. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 2342-2358	3.5	1

239	Estimating surface solar irradiance from satellites: Past, present, and future perspectives. <i>Remote Sensing of Environment</i> , <b>2019</b> , 233, 111371	13.2	59
238	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 4636-4650	8.1	24
237	Mapping Climatological Bare Soil Albedos over the Contiguous United States Using MODIS Data. <i>Remote Sensing</i> , <b>2019</b> , 11, 666	5	5
236	Evaluating the Spatial Representativeness of the MODerate Resolution Image Spectroradiometer Albedo Product (MCD43) at AmeriFlux Sites. <i>Remote Sensing</i> , <b>2019</b> , 11, 547	5	4
235	Monitoring maize growth conditions by training a BP neural network with remotely sensed vegetation temperature condition index and leaf area index. <i>Computers and Electronics in Agriculture</i> , <b>2019</b> , 160, 82-90	6.5	22
234	Remote sensing of earth's energy budget: synthesis and review. <i>International Journal of Digital Earth</i> , <b>2019</b> , 12, 737-780	3.9	54
233	Evaluation of ten machine learning methods for estimating terrestrial evapotranspiration from remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2019</b> , 78, 86-92	7.3	28
232	Long-Term Global Land Surface Satellite (GLASS) Fractional Vegetation Cover Product Derived From MODIS and AVHRR Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 508-518	4.7	21
231	Comprehensive assessment of parameterization methods for estimating clear-sky surface downward longwave radiation. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 135, 1045-1058	3	20
230	Detected global agricultural greening from satellite data. <i>Agricultural and Forest Meteorology</i> , <b>2019</b> , 276-277, 107652	5.8	14
229	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> , <b>2019</b> , 234, 111462	13.2	36
228	Validation of the Surface Daytime Net Radiation Product From Version 4.0 GLASS Product Suite. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2019</b> , 16, 509-513	4.1	8
227	Evaluation of Five Satellite Top-of-Atmosphere Albedo Products over Land. <i>Remote Sensing</i> , <b>2019</b> , 11, 2919	5	3
226	Developing Land Surface Directional Reflectance and Albedo Products from Geostationary GOES-R and Himawari Data: Theoretical Basis, Operational Implementation, and Validation. <i>Remote Sensing</i> , <b>2019</b> , 11, 2655	5	16
225	A Review of Regional and Global Gridded Forest Biomass Datasets. <i>Remote Sensing</i> , <b>2019</b> , 11, 2744	5	21
224	Retrieval of Global Orbit Drift Corrected Land Surface Temperature from Long-term AVHRR Data. <i>Remote Sensing</i> , <b>2019</b> , 11, 2843	5	15
223	Surface Shortwave Net Radiation Estimation from Landsat TM/ETM+ Data Using Four Machine Learning Algorithms. <i>Remote Sensing</i> , <b>2019</b> , 11, 2847	5	10
222	Merging the MODIS and Landsat Terrestrial Latent Heat Flux Products Using the Multiresolution Tree Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 2811-2823	8.1	7

221	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 493-507	4.7	21
220	Mapping forest disturbance intensity in North and South Carolina using annual Landsat observations and field inventory data. <i>Remote Sensing of Environment</i> , <b>2019</b> , 221, 351-362	13.2	9
219	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> , <b>2019</b> , 100, 423-444	6.1	253
218	Improving Satellite Estimates of the Fraction of Absorbed Photosynthetically Active Radiation Through Data Integration: Methodology and Validation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 2107-2118	8.1	10
217	Hierarchical Bayesian space-time estimation of monthly maximum and minimum surface air temperature. <i>Remote Sensing of Environment</i> , <b>2018</b> , 211, 48-58	13.2	23
216	Comprehensive evaluation of empirical algorithms for estimating land surface evapotranspiration. <i>Agricultural and Forest Meteorology</i> , <b>2018</b> , 256-257, 334-345	5.8	16
215	Long-term record of top-of-atmosphere albedo over land generated from AVHRR data. <i>Remote Sensing of Environment</i> , <b>2018</b> , 211, 71-88	13.2	18
214	Simultaneous Estimation of Multiple Land-Surface Parameters From VIIRS Optical-Thermal Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2018</b> , 15, 156-160	4.1	8
213	Comprehensive Assessment of Global Surface Net Radiation Products and Uncertainty Analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 1970-1989	4.4	28
212	Is There a Physical Linkage Between Surface Emissive and Reflective Variables Over Non-Vegetated Surfaces? <b>2018</b> , 46, 591-596		5
211	Deriving high-quality surface emissivity spectra from atmospheric infrared sounder data using cumulative distribution function matching and principal component analysis regression. <i>Remote Sensing of Environment</i> , <b>2018</b> , 211, 388-399	13.2	7
210	Estimation of all-sky instantaneous surface incident shortwave radiation from Moderate Resolution Imaging Spectroradiometer data using optimization method. <i>Remote Sensing of Environment</i> , <b>2018</b> , 209, 468-479	13.2	30
209	Strong cooling induced by stand-replacing fires through albedo in Siberian larch forests. <i>Scientific Reports</i> , <b>2018</b> , 8, 4821	4.9	19
208	A disaggregation approach for estimating high spatial resolution broadband emissivity for bare soils from Landsat surface reflectance. <i>International Journal of Digital Earth</i> , <b>2018</b> , 11, 691-702	3.9	3
207	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> , <b>2018</b> , 204, 181-196	13.2	59
206	Developing an integrated indicator for monitoring maize growth condition using remotely sensed vegetation temperature condition index and leaf area index. <i>Computers and Electronics in Agriculture</i> , <b>2018</b> , 152, 340-349	6.5	11
205	Design of a Novel Spectral Albedometer for Validating the MODerate Resolution Imaging Spectroradiometer Spectral Albedo Product. <i>Remote Sensing</i> , <b>2018</b> , 10, 101	5	4
204	Estimating Surface Downward Shortwave Radiation over China Based on the Gradient Boosting Decision Tree Method. <i>Remote Sensing</i> , <b>2018</b> , 10, 185	5	33

203	Spatio-Temporal Analysis and Uncertainty of Fractional Vegetation Cover Change over Northern China during 2001-2012 Based on Multiple Vegetation Data Sets. <i>Remote Sensing</i> , <b>2018</b> , 10, 549	5	16
202	Developing an Integrated Remote Sensing Based Biodiversity Index for Predicting Animal Species Richness. <i>Remote Sensing</i> , <b>2018</b> , 10, 739	5	8
201	Impacts of land cover transitions on surface temperature in China based on satellite observations. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 024010	6.2	35
200	Designing the Climate Observing System of the Future. <i>Earth's Future</i> , <b>2018</b> , 6, 80-102	7.9	13
199	Global Fractional Vegetation Cover Estimation Algorithm for VIIRS Reflectance Data Based on Machine Learning Methods. <i>Remote Sensing</i> , <b>2018</b> , 10, 1648	5	13
198	Assessment of Sentinel-2 MSI Spectral Band Reflectances for Estimating Fractional Vegetation Cover. <i>Remote Sensing</i> , <b>2018</b> , 10, 1927	5	30
197	Toward a Broadband Parameterization Scheme for Estimating Surface Solar Irradiance: Development and Preliminary Results on MODIS Products. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 12,180-12,193	4.4	16
196	The VIIRS Sea-Ice Albedo Product Generation and Preliminary Validation. <i>Remote Sensing</i> , <b>2018</b> , 10, 18265		2
195	Recent Progress in Quantitative Land Remote Sensing in China. <i>Remote Sensing</i> , <b>2018</b> , 10, 1490	5	2
194	Satellite Detection of Water Stress Effects on Terrestrial Latent Heat Flux With MODIS Shortwave Infrared Reflectance Data. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 11,410-11,430	4.4	6
193	Land Surface Air Temperature Data Are Considerably Different Among BEST-LAND, CRU-TEM4v, NASA-GISS, and NOAA-NCEI. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 5881-5900	4.4	10
192	Evaluation of Three Long Time Series for Global Fraction of Absorbed Photosynthetically Active Radiation (FAPAR) Products. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 5509-5524	8.1	20
191	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> , <b>2018</b> , 215, 284-299	13.2	35
190	An efficient hybrid method for estimating clear-sky surface downward longwave radiation from MODIS data. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 2616-2630	4.4	27
189	Direct Estimation of Land Surface Albedo From Simultaneous MISR Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 2605-2617	8.1	11
188	Simultaneous inversion of multiple land surface parameters from MODIS optical-thermal observations. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2017</b> , 128, 240-254	11.8	19
187	Estimating Top-of-Atmosphere Daily Reflected Shortwave Radiation Flux Over Land From MODIS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 4022-4031	8.1	10
186	Improving global terrestrial evapotranspiration estimation using support vector machine by integrating three process-based algorithms. <i>Agricultural and Forest Meteorology</i> , <b>2017</b> , 242, 55-74	5.8	64

185	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> , <b>2017</b> , 122, 5211-5236	4.4	32
184	Simultaneous Estimation of Leaf Area Index, Fraction of Absorbed Photosynthetically Active Radiation, and Surface Albedo From Multiple-Satellite Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 4334-4354	8.1	13
183	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 5158-5173	8.1	23
182	Temperature changes in Three Gorges Reservoir Area and linkage with Three Gorges Project. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 4866-4879	4.4	21
181	An efficient algorithm for calculating photosynthetically active radiation with MODIS products. <i>Remote Sensing of Environment</i> , <b>2017</b> , 194, 146-154	13.2	22
180	A New Method for Retrieving Daily Land Surface Albedo From VIIRS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 1765-1775	8.1	10
179	A Framework for Estimating the 30 $\mu$ m Thermal-Infrared Broadband Emissivity From Landsat Surface Reflectance Data. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 11,405-11,421	4.4	8
178	Combining Estimation of Green Vegetation Fraction in an Arid Region from Landsat 7 ETM+ Data. <i>Remote Sensing</i> , <b>2017</b> , 9, 1121	5	15
177	Enhanced wintertime greenhouse effect reinforcing Arctic amplification and initial sea-ice melting. <i>Scientific Reports</i> , <b>2017</b> , 7, 8462	4.9	28
176	Estimation of high-resolution terrestrial evapotranspiration from Landsat data using a simple Taylor skill fusion method. <i>Journal of Hydrology</i> , <b>2017</b> , 553, 508-526	6	26
175	Evaluation of four long time-series global leaf area index products. <i>Agricultural and Forest Meteorology</i> , <b>2017</b> , 246, 218-230	5.8	55
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