

Feng Gao

List of Publications by Year in descending order

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190
papers

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13865

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16227
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#	ARTICLE	IF	CITATIONS
1	Time-series clustering of remote sensing retrievals for defining management zones in a vineyard. <i>Irrigation Science</i> , 2022, 40, 801-815.	2.8	6
2	Predicting spatial&temporal patterns of diet quality and large herbivore performance using satellite time series. <i>Ecological Applications</i> , 2022, 32, e2503.	3.8	8
3	Impact of advection on two-source energy balance (TSEB) canopy transpiration parameterization for vineyards in the California Central Valley. <i>Irrigation Science</i> , 2022, 40, 575-591.	2.8	11
4	LAI estimation across California vineyards using sUAS multi-seasonal multi-spectral, thermal, and elevation information and machine learning. <i>Irrigation Science</i> , 2022, 40, 731-759.	2.8	14
5	Application of a remote-sensing three-source energy balance model to improve evapotranspiration partitioning in vineyards. <i>Irrigation Science</i> , 2022, 40, 593-608.	2.8	11
6	Improved Daily Evapotranspiration Estimation Using Remotely Sensed Data in a Data Fusion System. <i>Remote Sensing</i> , 2022, 14, 1772.	4.0	13
7	Inter-annual variability of land surface fluxes across vineyards: the role of climate, phenology, and irrigation management. <i>Irrigation Science</i> , 2022, 40, 463-480.	2.8	5
8	Improving the spatiotemporal resolution of remotely sensed ET information for water management through Landsat, Sentinel-2, ECOSTRESS and VIIRS data fusion. <i>Irrigation Science</i> , 2022, 40, 609-634.	2.8	10
9	Evaluation of satellite Leaf Area Index in California vineyards for improving water use estimation. <i>Irrigation Science</i> , 2022, 40, 531-551.	2.8	13
10	Reconstructing daily 30m NDVI over complex agricultural landscapes using a crop reference curve approach. <i>Remote Sensing of Environment</i> , 2021, 253, 112156.	11.0	35
11	Interoperability of ECOSTRESS and Landsat for mapping evapotranspiration time series at sub-field scales. <i>Remote Sensing of Environment</i> , 2021, 252, 112189.	11.0	71
12	Remote Sensing for Agriculture. <i>Springer Remote Sensing/photogrammetry</i> , 2021, , 7-24.	0.4	2
13	Mapping Crop Phenology in Near Real-Time Using Satellite Remote Sensing: Challenges and Opportunities. <i>Journal of Remote Sensing</i> , 2021, 2021, .	6.7	77
14	Phenological corrections to a field-scale, ET-based crop stress indicator: An application to yield forecasting across the U.S. Corn Belt. <i>Remote Sensing of Environment</i> , 2021, 257, 112337.	11.0	17
15	A data-driven approach to estimate leaf area index for Landsat images over the contiguous US. <i>Remote Sensing of Environment</i> , 2021, 258, 112383.	11.0	33
16	Mapping Daily Evapotranspiration at Field Scale Using the Harmonized Landsat and Sentinel-2 Dataset, with Sharpened VIIRS as a Sentinel-2 Thermal Proxy. <i>Remote Sensing</i> , 2021, 13, 3420.	4.0	20
17	Multiscale Assessment of Agricultural Consumptive Water Use in California's Central Valley. <i>Water Resources Research</i> , 2021, 57, e2020WR028876.	4.2	4
18	Estimating Evapotranspiration of Mediterranean Oak Savanna at Multiple Temporal and Spatial Resolutions. Implications for Water Resources Management. <i>Remote Sensing</i> , 2021, 13, 3701.	4.0	2

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19	Determining Evapotranspiration by Using Combination Equation Models with Sentinel-2 Data and Comparison with Thermal-Based Energy Balance in a California Irrigated Vineyard. <i>Remote Sensing</i> , 2021, 13, 3720.	4.0	13
20	Studying drought-induced forest mortality using high spatiotemporal resolution evapotranspiration data from thermal satellite imaging. <i>Remote Sensing of Environment</i> , 2021, 265, 112640.	11.0	34
21	Hybrid phenology matching model for robust crop phenological retrieval. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 181, 308-326.	11.1	14
22	Evaluating a spatiotemporal shape-matching model for the generation of synthetic high spatiotemporal resolution time series of multiple satellite data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 104, 102545.	2.8	8
23	Constraints and Opportunities for Detecting Land Surface Phenology in Drylands. <i>Journal of Remote Sensing</i> , 2021, 2021, .	6.7	6
24	Towards Routine Mapping of Crop Emergence within the Season Using the Harmonized Landsat and Sentinel-2 Dataset. <i>Remote Sensing</i> , 2021, 13, 5074.	4.0	11
25	Investigating impacts of drought and disturbance on evapotranspiration over a forested landscape in North Carolina, USA using high spatiotemporal resolution remotely sensed data. <i>Remote Sensing of Environment</i> , 2020, 238, 111018.	11.0	41
26	Data assimilation of high-resolution thermal and radar remote sensing retrievals for soil moisture monitoring in a drip-irrigated vineyard. <i>Remote Sensing of Environment</i> , 2020, 239, 111622.	11.0	46
27	Assessment of Leaf Area Index Models Using Harmonized Landsat and Sentinel-2 Surface Reflectance Data over a Semi-Arid Irrigated Landscape. <i>Remote Sensing</i> , 2020, 12, 3121.	4.0	39
28	Sharpening ECOSTRESS and VIIRS land surface temperature using harmonized Landsat-Sentinel surface reflectances. <i>Remote Sensing of Environment</i> , 2020, 251, 112055.	11.0	30
29	Using Satellite Thermal-Based Evapotranspiration Time Series for Defining Management Zones and Spatial Association to Local Attributes in a Vineyard. <i>Remote Sensing</i> , 2020, 12, 2436.	4.0	12
30	Detecting Cover Crop End-Of-Season Using VENÛS and Sentinel-2 Satellite Imagery. <i>Remote Sensing</i> , 2020, 12, 3524.	4.0	22
31	Improving phenological monitoring of winter wheat by considering sensor spectral response in spatiotemporal image fusion. <i>Physics and Chemistry of the Earth</i> , 2020, 116, 102859.	2.9	4
32	A within-season approach for detecting early growth stages in corn and soybean using high temporal and spatial resolution imagery. <i>Remote Sensing of Environment</i> , 2020, 242, 111752.	11.0	71
33	Using high-spatiotemporal thermal satellite ET retrievals to monitor water use over California vineyards of different climate, vine variety and trellis design. <i>Agricultural Water Management</i> , 2020, 241, 106361.	5.6	30
34	Re-understanding of land surface albedo and related terms in satellite-based retrievals. <i>Big Earth Data</i> , 2020, 4, 45-67.	4.4	14
35	Development and evaluation of a new algorithm for detecting 30Âm land surface phenology from VIIRS and HLS time series. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 161, 37-51.	11.1	69
36	Relationships between soil water content, evapotranspiration, and irrigation measurements in a California drip-irrigated Pinot noir vineyard. <i>Agricultural Water Management</i> , 2020, 237, 106186.	5.6	26

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37	Crop Growth Condition Assessment at County Scale Based on Heat-Aligned Growth Stages. Remote Sensing, 2019, 11, 2439.	4.0	13
38	Using High-Spatiotemporal Thermal Satellite ET Retrievals for Operational Water Use and Stress Monitoring in a California Vineyard. Remote Sensing, 2019, 11, 2124.	4.0	35
39	Impact of Insolation Data Source on Remote Sensing Retrievals of Evapotranspiration over the California Delta. Remote Sensing, 2019, 11, 216.	4.0	22
40	Micro-scale spatial variability in soil heat flux (SHF) in a wine-grape vineyard. Irrigation Science, 2019, 37, 253-268.	2.8	15
41	Mapping Climatological Bare Soil Albedos over the Contiguous United States Using MODIS Data. Remote Sensing, 2019, 11, 666.	4.0	12
42	Current status of Landsat program, science, and applications. Remote Sensing of Environment, 2019, 225, 127-147.	11.0	586
43	Using Daily Stand-Scale Evapotranspiration (ET) Estimated From Remotely Sensed Data to Investigate Drought Impact on ET in a Temperate Forest in the Central Us. , 2019, , .		0
44	Evaluating Yield Variability of Corn and Soybean Using Landsat-8, Sentinel-2 and Modis in Google Earth Engine. , 2019, , .		2
45	Utility of the two-source energy balance (TSEB) model in vine and interrow flux partitioning over the growing season. Irrigation Science, 2019, 37, 375-388.	2.8	50
46	Evaluation of TSEB turbulent fluxes using different methods for the retrieval of soil and canopy component temperatures from UAV thermal and multispectral imagery. Irrigation Science, 2019, 37, 389-406.	2.8	84
47	Impact of different within-canopy wind attenuation formulations on modelling sensible heat flux using TSEB. Irrigation Science, 2019, 37, 315-331.	2.8	23
48	A multi-year intercomparison of micrometeorological observations at adjacent vineyards in California's Central Valley during GRAPEX. Irrigation Science, 2019, 37, 345-357.	2.8	22
49	Evapotranspiration estimates derived using thermal-based satellite remote sensing and data fusion for irrigation management in California vineyards. Irrigation Science, 2019, 37, 431-449.	2.8	95
50	Determining a robust indirect measurement of leaf area index in California vineyards for validating remote sensing-based retrievals. Irrigation Science, 2019, 37, 269-280.	2.8	25
51	Influence of wind direction on the surface roughness of vineyards. Irrigation Science, 2019, 37, 359-373.	2.8	26
52	Evaluation of the suitability of Landsat, MERIS, and MODIS for identifying spatial distribution patterns of total suspended matter from a self-organizing map (SOM) perspective. Catena, 2019, 172, 699-710.	5.0	18
53	Estimation of surface thermal emissivity in a vineyard for UAV microbolometer thermal cameras using NASA HyTES hyperspectral thermal, and landsat and AggieAir optical data. , 2019, 11008, .		7
54	Field-scale mapping of evaporative stress indicators of crop yield: An application over Mead, NE, USA. Remote Sensing of Environment, 2018, 210, 387-402.	11.0	75

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55	Evaluating land surface albedo estimation from Landsat MSS, TM, ETM +, and OLI data based on the unified direct estimation approach. Remote Sensing of Environment, 2018, 204, 181-196.	11.0	91
56	Using APAR to Predict Aboveground Plant Productivity in Semi-Arid Rangelands: Spatial and Temporal Relationships Differ. Remote Sensing, 2018, 10, 1474.	4.0	21
57	Assessment of Predictive Ability of Starfm Based on Different Modis-Landsat Image Pair Date. , 2018, , .		1
58	Improving Spatial-Temporal Data Fusion by Choosing Optimal Input Image Pairs. Remote Sensing, 2018, 10, 1142.	4.0	38
59	The Retrieval of 30-m Resolution LAI from Landsat Data by Combining MODIS Products. Remote Sensing, 2018, 10, 1187.	4.0	7
60	Assessing the Variability of Corn and Soybean Yields in Central Iowa Using High Spatiotemporal Resolution Multi-Satellite Imagery. Remote Sensing, 2018, 10, 1489.	4.0	72
61	Mapping daily leaf area index at 30 m resolution over a meadow steppe area by fusing Landsat, Sentinel-2A and MODIS data. International Journal of Remote Sensing, 2018, 39, 9025-9053.	2.9	12
62	Real-Time Monitoring of Crop Phenology in the Midwestern United States Using VIIRS Observations. Remote Sensing, 2018, 10, 1540.	4.0	32
63	Assessing the performance of a physically-based soil moisture module integrated within the Soil and Water Assessment Tool. Environmental Modelling and Software, 2018, 109, 329-341.	4.5	33
64	The Grape Remote Sensing Atmospheric Profile and Evapotranspiration Experiment. Bulletin of the American Meteorological Society, 2018, 99, 1791-1812.	3.3	88
65	Assessment of Spatiotemporal Fusion Algorithms for Planet and Worldview Images. Sensors, 2018, 18, 1051.	3.8	35
66	A Hybrid Color Mapping Approach to Fusing MODIS and Landsat Images for Forward Prediction. Remote Sensing, 2018, 10, 520.	4.0	51
67	Field-Scale Assessment of Land and Water Use Change over the California Delta Using Remote Sensing. Remote Sensing, 2018, 10, 889.	4.0	79
68	Mapping Paddy Rice Area and Yields Over Thai Binh Province in Viet Nam From MODIS, Landsat, and ALOS-2/PALSAR-2. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2238-2252.	4.9	28
69	Exploration of scaling effects on coarse resolution land surface phenology. Remote Sensing of Environment, 2017, 190, 318-330.	11.0	149
70	Impact of Tile Drainage on Evapotranspiration in South Dakota, USA, Based on High Spatiotemporal Resolution Evapotranspiration Time Series From a Multisatellite Data Fusion System. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2550-2564.	4.9	40
71	Global climate forcing from albedo change caused by large-scale deforestation and reforestation: quantification and attribution of geographic variation. Climatic Change, 2017, 142, 463-476.	3.6	23
72	Reconstructing daily clear-sky land surface temperature for cloudy regions from MODIS data. Computers and Geosciences, 2017, 105, 10-20.	4.2	83

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73	Coupling of phenological information and simulated vegetation index time series: Limitations and potentials for the assessment and monitoring of soil erosion risk. <i>Catena</i> , 2017, 150, 192-205.	5.0	36
74	Investigating water use over the <i>Croptank River Watershed</i> using a multisatellite data fusion approach. <i>Water Resources Research</i> , 2017, 53, 5298-5319.	4.2	48
75	Monitoring land surface albedo and vegetation dynamics using high spatial and temporal resolution synthetic time series from Landsat and the MODIS BRDF/NBAR/albedo product. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 59, 104-117.	2.8	49
76	Toward mapping crop progress at field scales through fusion of Landsat and MODIS imagery. <i>Remote Sensing of Environment</i> , 2017, 188, 9-25.	11.0	340
77	Unmanned airborne thermal and multispectral imagery for estimating evapotranspiration in irrigated vineyards. , 2017, , .		9
78	Modeling the Effects of the Urban Built-Up Environment on Plant Phenology Using Fused Satellite Data. <i>Remote Sensing</i> , 2017, 9, 99.	4.0	10
79	Daily Mapping of 30 m LAI and NDVI for Grape Yield Prediction in California Vineyards. <i>Remote Sensing</i> , 2017, 9, 317.	4.0	126
80	Daily Landsat-scale evapotranspiration estimation over a forested landscape in North Carolina, USA, using multi-satellite data fusion. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1017-1037.	4.9	77
81	Evaluation of ASTER-Like Daily Land Surface Temperature by Fusing ASTER and MODIS Data during the HiWATER-MUSOEXE. <i>Remote Sensing</i> , 2016, 8, 75.	4.0	33
82	Mapping evapotranspiration with high-resolution aircraft imagery over vineyards using one- and two-source modeling schemes. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1523-1545.	4.9	78
83	A thermal-based remote sensing modelling system for estimating crop water use and stress from field to regional scales. <i>Acta Horticulturae</i> , 2016, , 71-80.	0.2	1
84	Daily mapping of Landsat-like LAI and correlation to grape yield. , 2016, , .		2
85	Spatial and temporal information fusion for crop condition monitoring. , 2016, , .		3
86	Representative lake water extent mapping at continental scales using multi-temporal Landsat-8 imagery. <i>Remote Sensing of Environment</i> , 2016, 185, 129-141.	11.0	175
87	Longterm daily fieldscale evapotranspiration estimation using multisatellite data fusion in an intensively drained agricultural area in South Dakota, USA. , 2016, , .		0
88	Mapping evapotranspiration at multiple scales using multi-sensor data fusion. , 2016, , .		3
89	Study of water use in agricultural landscapes at high spatiotemporal resolution. , 2016, , .		0
90	Continuous evapotranspiration monitoring and water stress at watershed scale in a Mediterranean oak savanna. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2

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91	A Spatio-Temporal Enhancement Method for medium resolution LAI (STEM-LAI). International Journal of Applied Earth Observation and Geoinformation, 2016, 47, 15-29.	2.8	48
92	Monitoring daily evapotranspiration over two California vineyards using Landsat 8 in a multi-sensor data fusion approach. Remote Sensing of Environment, 2016, 185, 155-170.	11.0	200
93	The Evaporative Stress Index as an indicator of agricultural drought in Brazil: An assessment based on crop yield impacts. Remote Sensing of Environment, 2016, 174, 82-99.	11.0	238
94	A flexible spatiotemporal method for fusing satellite images with different resolutions. Remote Sensing of Environment, 2016, 172, 165-177.	11.0	461
95	Relationships between the evaporative stress index and winter wheat and spring barley yield anomalies in the Czech Republic. Climate Research, 2016, 70, 215-230.	1.1	41
96	Evaluating the temporal stability of synthetically generated time-series for crop types in Central Germany. , 2015, , .		1
97	Coupling of phenological information and synthetically generated time-series for crop types as indicator for vegetation coverage information. , 2015, , .		0
98	Downscaling of coarse resolution LAI products to achieve both high spatial and temporal resolution for regions of interest. , 2015, , .		2
99	Comparison of satellite-derived LAI and precipitation anomalies over Brazil with a thermal infrared-based Evaporative Stress Index for 2003â€“2013. Journal of Hydrology, 2015, 526, 287-302.	5.4	61
100	Joint leaf chlorophyll content and leaf area index retrieval from Landsat data using a regularized model inversion system (REGFLEC). Remote Sensing of Environment, 2015, 159, 203-221.	11.0	114
101	Fusing Landsat and MODIS Data for Vegetation Monitoring. IEEE Geoscience and Remote Sensing Magazine, 2015, 3, 47-60.	9.6	216
102	Multiscale climatological albedo look-up maps derived from moderate resolution imaging spectroradiometer BRDF/albedo products. Journal of Applied Remote Sensing, 2014, 8, 083532.	1.3	31
103	Angular Effects and Correction for Medium Resolution Sensors to Support Crop Monitoring. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4480-4489.	4.9	57
104	Retrieving Leaf Area Index From Landsat Using MODIS LAI Products and Field Measurements. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 773-777.	3.1	29
105	Landsat-8: Science and product vision for terrestrial global change research. Remote Sensing of Environment, 2014, 145, 154-172.	11.0	1,599
106	Generating daily land surface temperature at Landsat resolution by fusing Landsat and MODIS data. Remote Sensing of Environment, 2014, 145, 55-67.	11.0	399
107	Mapping daily evapotranspiration at field scales over rainfed and irrigated agricultural areas using remote sensing data fusion. Agricultural and Forest Meteorology, 2014, 186, 1-11.	4.8	178
108	A Cross Comparison of Spatiotemporally Enhanced Springtime Phenological Measurements From Satellites and Ground in a Northern U.S. Mixed Forest. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 7513-7526.	6.3	35

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109	Estimation of crop gross primary production (GPP): fAPARchl versus MOD15A2 FPAR. Remote Sensing of Environment, 2014, 153, 1-6.	11.0	58
110	An approach for the long-term 30-m land surface snow-free albedo retrieval from historic Landsat surface reflectance and MODIS-based a priori anisotropy knowledge. Remote Sensing of Environment, 2014, 152, 467-479.	11.0	64
111	Operational Data Fusion Framework for Building Frequent Landsat-Like Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 7353-7365.	6.3	62
112	Global albedo change and radiative cooling from anthropogenic land cover change, 1700 to 2005 based on MODIS, land use harmonization, radiative kernels, and reanalysis. Geophysical Research Letters, 2014, 41, 9087-9096.	4.0	44
113	Integrating remote sensing data from multiple optical sensors for ecological and crop condition monitoring. , 2013, , .		5
114	Global surface reflectance products from Landsat: Assessment using coincident MODIS observations. Remote Sensing of Environment, 2013, 134, 276-293.	11.0	92
115	Improved forest change detection with terrain illumination corrected Landsat images. Remote Sensing of Environment, 2013, 136, 469-483.	11.0	83
116	Use of In Situ and Airborne Multiangle Data to Assess MODIS- and Landsat-Based Estimates of Directional Reflectance and Albedo. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1393-1404.	6.3	90
117	Influence of angular effects and adjustment on medium resolution sensors for crop monitoring. , 2013, , .		2
118	Greenland surface albedo changes in July 1981â€“2012 from satellite observations. Environmental Research Letters, 2013, 8, 044043.	5.2	59
119	A data fusion approach for mapping daily evapotranspiration at field scale. Water Resources Research, 2013, 49, 4672-4686.	4.2	142
120	Integrating Landsat with MODIS Products for Vegetation Monitoring. , 2013, , 247-261.		2
121	Monitoring water and carbon fluxes at fine spatial scales using HypsIRI-like measurements. , 2012, , .		5
122	An integrated approach for high spatial resolution mapping of water and carbon fluxes using multi-sensor satellite data. Proceedings of SPIE, 2012, , .	0.8	0
123	Evaluation of Landsat and MODIS data fusion products for analysis of dryland forest phenology. Remote Sensing of Environment, 2012, 117, 381-393.	11.0	240
124	Mapping daily evapotranspiration at Landsat spatial scales during the BEAREXâ€™08 field campaign. Advances in Water Resources, 2012, 50, 162-177.	3.8	111
125	Generating global Leaf Area Index from Landsat: Algorithm formulation and demonstration. Remote Sensing of Environment, 2012, 122, 185-202.	11.0	115
126	Mapping impervious surface expansion using medium-resolution satellite image time series: a case study in the Yangtze River Delta, China. International Journal of Remote Sensing, 2012, 33, 7609-7628.	2.9	88

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127	A Data Mining Approach for Sharpening Thermal Satellite Imagery over Land. Remote Sensing, 2012, 4, 3287-3319.	4.0	171
128	Global characterization and monitoring of forest cover using Landsat data: opportunities and challenges. International Journal of Digital Earth, 2012, 5, 373-397.	3.9	252
129	Adaptive Selective Learning for automatic identification of sub-kilometer craters. Neurocomputing, 2012, 92, 78-87.	5.9	12
130	A Modified Neighborhood Similar Pixel Interpolator Approach for Removing Thick Clouds in Landsat Images. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 521-525.	3.1	128
131	Remote Sensing of Vegetation with Landsat Imagery. Taylor & Francis Series in Remote Sensing Applications, 2011, , 3-29.	0.0	4
132	An Enhanced TIMESAT Algorithm for Estimating Vegetation Phenology Metrics From MODIS Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 361-371.	4.9	181
133	A simple and effective method for filling gaps in Landsat ETM+ SLC-off images. Remote Sensing of Environment, 2011, 115, 1053-1064.	11.0	395
134	An algorithm for the retrieval of 30-m snow-free albedo from Landsat surface reflectance and MODIS BRDF. Remote Sensing of Environment, 2011, 115, 2204-2216.	11.0	192
135	Improving MODIS land cover classification by combining MODIS spectral and angular signatures in a Canadian boreal forest. Canadian Journal of Remote Sensing, 2011, 37, 184-203.	2.4	22
136	Mapping daily evapotranspiration at field to continental scales using geostationary and polar orbiting satellite imagery. Hydrology and Earth System Sciences, 2011, 15, 223-239.	4.9	454
137	Assessing the coupling between surface albedo derived from MODIS and the fraction of diffuse skylight over spatially-characterized landscapes. Remote Sensing of Environment, 2010, 114, 738-760.	11.0	204
138	An enhanced spatial and temporal adaptive reflectance fusion model for complex heterogeneous regions. Remote Sensing of Environment, 2010, 114, 2610-2623.	11.0	929
139	An illumination correction algorithm on Landsat-TM data. , 2010, , .		7
140	Normalizing Landsat and ASTER data using MODIS data products for forest change detection. , 2010, , .		1
141	Aqua and Terra MODIS Albedo and Reflectance Anisotropy Products. Remote Sensing and Digital Image Processing, 2010, , 549-561.	0.7	62
142	Generation of dense time series synthetic Landsat data through data blending with MODIS using a spatial and temporal adaptive reflectance fusion model. Remote Sensing of Environment, 2009, 113, 1988-1999.	11.0	244
143	Temporally smoothed and gap-filled MODIS land products for carbon modelling: application of the fPAR product. International Journal of Remote Sensing, 2009, 30, 1083-1090.	2.9	19
144	Development of time series stacks of Landsat images for reconstructing forest disturbance history. International Journal of Digital Earth, 2009, 2, 195-218.	3.9	112

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145	A new data fusion model for high spatial- and temporal-resolution mapping of forest disturbance based on Landsat and MODIS. <i>Remote Sensing of Environment</i> , 2009, 113, 1613-1627.	11.0	567
146	Multi-temporal MODIS Landsat data fusion for relative radiometric normalization, gap filling, and prediction of Landsat data. <i>Remote Sensing of Environment</i> , 2008, 112, 3112-3130.	11.0	430
147	An Algorithm to Produce Temporally and Spatially Continuous MODIS-LAI Time Series. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2008, 5, 60-64.	3.1	189
148	Vegetation Phenology Metrics Derived from Temporally Smoothed and Gap-Filled MODIS Data. , 2008, , .		15
149	Retrieval of Surface Albedo from Satellite Sensors. , 2008, , 219-243.		41
150	Free Access to Landsat Imagery. <i>Science</i> , 2008, 320, 1011-1011.	12.6	727
151	An Angular Index to Indicate Surface Heterogeneous Behaviors from MODIS. , 2008, , .		2
152	Improving access to MODIS biophysical science products for NACP investigators. , 2007, , .		0
153	Monitoring vegetation phenology using improved MODIS products. , 2007, , .		0
154	Spatial and temporal variability in Moderate Resolution Imaging Spectroradiometer derived surface albedo over global arid regions. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	21
155	A Landsat Surface Reflectance Dataset for North America, 1990 2000. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2006, 3, 68-72.	3.1	1,279
156	Validation of the MODIS bidirectional reflectance distribution function and albedo retrievals using combined observations from the aqua and terra platforms. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 1555-1565.	6.3	169
157	On the blending of the Landsat and MODIS surface reflectance: predicting daily Landsat surface reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 2207-2218.	6.3	1,321
158	Mapping Wildland Fire Scar Using Fused Landsat and MODIS Surface Reflectance. , 2006, , .		2
159	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.	11.0	228
160	Spatially complete global spectral surface albedos: value-added datasets derived from Terra MODIS land products. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2005, 43, 144-158.	6.3	244
161	MODIS bidirectional reflectance distribution function and albedo Climate Modeling Grid products and the variability of albedo for major global vegetation types. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	140
162	Development of land surface albedo parameterization based on Moderate Resolution Imaging Spectroradiometer (MODIS) data. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	81

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163	Land boundary conditions from MODIS data and consequences for the albedo of a climate model. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	52
164	Use of Moderate-Resolution Imaging Spectroradiometer bidirectional reflectance distribution function products to enhance simulated surface albedos. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	47
165	Using MODIS BRDF and Albedo Data to Evaluate Global Model Land Surface Albedo. <i>Journal of Hydrometeorology</i> , 2004, 5, 3-14.	1.9	90
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