

Yujiu Jiou Xiong

List of Publications by Year in descending order

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38
papers

992
citations

516710

16
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526287

27
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46
all docs

46
docs citations

46
times ranked

1341
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between water-conservation behavior and water education in Guangzhou, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	287
2	Effects of land use/land cover and climate changes on surface runoff in a semi-humid and semi-arid transition zone in northwest China. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 183-196.	4.9	154
3	Estimation of evapotranspiration and its partition based on an extended three-temperature model and MODIS products. <i>Journal of Hydrology</i> , 2013, 498, 210-220.	5.4	56
4	An evapotranspiration product for arid regions based on the three-temperature model and thermal remote sensing. <i>Journal of Hydrology</i> , 2015, 530, 392-404.	5.4	49
5	Estimation of evapotranspiration using remotely sensed land surface temperature and the revised three-temperature model. <i>International Journal of Remote Sensing</i> , 2011, 32, 5853-5874.	2.9	42
6	Is scale really a challenge in evapotranspiration estimation? A multi-scale study in the Heihe oasis using thermal remote sensing and the three-temperature model. <i>Agricultural and Forest Meteorology</i> , 2016, 230-231, 128-141.	4.8	39
7	An improved approach to estimate above-ground volume and biomass of desert shrub communities based on UAV RGB images. <i>Ecological Indicators</i> , 2021, 125, 107494.	6.3	39
8	Remote detection of bare soil moisture using a surface-temperature-based soil evaporation transfer coefficient. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2010, 12, 351-358.	2.8	32
9	Studies on the Relationships Between Land Surface Temperature and Environmental Factors in an Inland River Catchment Based on Geographically Weighted Regression and MODIS Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 687-698.	4.9	31
10	Remotely assessing and monitoring coastal and inland water quality in China: Progress, challenges and outlook. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 1266-1302.	12.8	30
11	Shifting from homogeneous to heterogeneous surfaces in estimating terrestrial evapotranspiration: Review and perspectives. <i>Science China Earth Sciences</i> , 2022, 65, 197-214.	5.2	29
12	Comparison of two split-window methods for retrieving land surface temperature from MODIS data. <i>Journal of Earth System Science</i> , 2009, 118, 345-353.	1.3	27
13	Use of high-resolution thermal infrared remote sensing and "three-temperature model" for transpiration monitoring in arid inland river catchment. <i>Journal of Hydrology</i> , 2014, 515, 307-315.	5.4	24
14	Simplifying the revised three-temperature model for remotely estimating regional evapotranspiration and its application to a semi-arid steppe. <i>International Journal of Remote Sensing</i> , 2014, 35, 2003-2027.	2.9	24
15	Uncertainties Caused by Resistances in Evapotranspiration Estimation Using High-Density Eddy Covariance Measurements. <i>Journal of Hydrometeorology</i> , 2020, 21, 1349-1365.	1.9	22
16	Simple and Applicable Method for Estimating Evapotranspiration and Its Components in Arid Regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 9963-9982.	3.3	18
17	A Novel Vegetation Point Cloud Density Tree-Segmentation Model for Overlapping Crowns Using UAV LiDAR. <i>Remote Sensing</i> , 2021, 13, 1442.	4.0	16
18	How the three Gorges Dam affects the hydrological cycle in the mid-lower Yangtze River: a perspective based on decadal water temperature changes. <i>Environmental Research Letters</i> , 2020, 15, 014002.	5.2	15

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19	Effects of Evapotranspiration on Regional Land Surface Temperature in an Arid Oasis Based on Thermal Remote Sensing. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1885-1889.	3.1	11
20	Spatiotemporal Changes in Evapotranspiration from an Overexploited Water Resources Basin in Arid Northern China and Their Implications for Ecosystem Management. Sustainability, 2019, 11, 445.	3.2	7
21	Opening a new era of investigating unreachable cliff flora using smart UAVs. Remote Sensing in Ecology and Conservation, 2021, 7, 638-648.	4.3	6
22	A methodology to determine the optimal quadrat size for desert vegetation surveying based on unmanned aerial vehicle (UAV) RGB photography. International Journal of Remote Sensing, 2021, 42, 84-105.	2.9	5
23	A SVM-Based Change Detection Method from Bi-Temporal Remote Sensing Images in Forest Area. , 2008, , .		4
24	Can Saltwater Intrusion Affect a Phytoplankton Community and Its Net Primary Production? A Study Based on Satellite and Field Observations. Estuaries and Coasts, 2018, 41, 2317-2330.	2.2	4
25	Relationship between salinity and sea surface temperature in Pearl River Estuary, China. , 2013, , .		3
26	Soil Moisture Mapping Using two Scenes SAR Imagery Without Knowing Information on Surface Parameters. Journal of the Indian Society of Remote Sensing, 2016, 44, 651-656.	2.4	3
27	Which Is More Sensitive to Water Stress for Irrigation Scheduling during the Maturation Stage: Grapevine Photosynthesis or Berry Size?. Atmosphere, 2021, 12, 845.	2.3	3
28	Object-oriented information extraction of forest resources from high resolution remote sensing. , 2006, 6419, 347.		1
29	Remotely sensed imagery intelligent interpretation based on image segmentation and support vector machines. , 2007, , .		1
30	Characteristics of leaf areas of plantations in semiarid hills and gully loess regions. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2009, 4, 351-357.	0.2	1
31	Using MODIS land products to estimate regional evapotranspiration. , 2010, , .		1
32	Hyperspectral characteristics of seawater intrusion in Pearl River Delta, China based on laboratory experiments. , 2012, , .		1
33	Research of forest regulating temperature based on time-series of Shandong Province. , 2010, , .		0
34	Mapping of chlorophyll-a concentration of reservoir Dajingshan, Zhuhai, China, from LandSat thematic mapper. , 2011, , .		0
35	The analysis of soil line accuracy affected drought monitoring accuracy. , 2013, , .		0
36	Impact of In-Situ Observation Sites Configuration on Spatial Interpolation: A Case Study on Air Temperature. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Evaluating Satellite-Derived Evapotranspiration Trends: A Case Study of the Marksovsky District of the Saratov Region (RF). Environmental Science and Engineering, 2021, , 935-940.	0.2	0
38	Application of split window algorithm to retrieve land surface temperature over northwestern China. Proceedings of SPIE, 2009, , .	0.8	0