Yujiu Jiou Xiong

List of Publications by Year
in descending order

38 papers	992 citations	516710 16 h-index	526287 27 g-index
46 all docs	46 docs citations	46 times ranked	1341 citing authors

#	ARTICLE	IF	CITATIONS
1	Shifting from homogeneous to heterogeneous surfaces in estimating terrestrial evapotranspiration: Review and perspectives. Science China Earth Sciences, 2022, 65, 197-214.	5.2	29
2	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
3	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
4	A Novel Vegetation Point Cloud Density Tree-Segmentation Model for Overlapping Crowns Using UAV LiDAR. Remote Sensing, 2021, 13, 1442.	4.0	16
5	An improved approach to estimate above-ground volume and biomass of desert shrub communities based on UAV RGB images. Ecological Indicators, 2021, 125, 107494.	6.3	39
6	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
7	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
8	Remotely assessing and monitoring coastal and inland water quality in China: Progress, challenges and outlook. Critical Reviews in Environmental Science and Technology, 2020, 50, 1266-1302.	12.8	30
9	Uncertainties Caused by Resistances in Evapotranspiration Estimation Using High-Density Eddy Covariance Measurements. Journal of Hydrometeorology, 2020, 21, 1349-1365.	1.9	22
10	How the three Gorges Dam affects the hydrological cycle in the mid-lower Yangtze River: a perspective based on decadal water temperature changes. Environmental Research Letters, 2020, 15, 014002.	5.2	15
11	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
12	Simple and Applicable Method for Estimating Evapotranspiration and Its Components in Arid Regions. Journal of Geophysical Research D: Atmospheres, 2019, 124, 9963-9982.	3.3	18
13	Impact of In-Situ Observation Sites Configuration on Spatial Interpolation: A Case Study on Air Temperature. , 2019, , .		0
14	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
15	Effects of land use/land cover and climate changes on surface runoff in a semi-humid and semi-arid transition zone in northwest China. Hydrology and Earth System Sciences, 2017, 21, 183-196.	4.9	154
16	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. Agricultural and Forest Meteorology, 2016, 230-231, 128-141.	4.8	39
17	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
18	Relationship between water-conservation behavior and water education in Guangzhou, China. Environmental Earth Sciences, 2016, 75, 1.	2.7	287

#	Article	IF	Citations
19	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
20	An evapotranspiration product for arid regions based on the three-temperature model and thermal remote sensing. Journal of Hydrology, 2015, 530, 392-404.	5.4	49
21	Use of high-resolution thermal infrared remote sensing and â€œthree-temperature modelâ€for transpiration monitoring in arid inland river catchment. Journal of Hydrology, 2014, 515, 307-315.	5.4	24
22	Simplifying the revised three-temperature model for remotely estimating regional evapotranspiration and its application to a semi-arid steppe. International Journal of Remote Sensing, 2014, 35, 2003-2027.	2.9	24
23	Estimation of evapotranspiration and its partition based on an extended three-temperature model and MODIS products. Journal of Hydrology, 2013, 498, 210-220.	5.4	56
24	THe analysis of soil line accuracy affected drought monitoring accuracy. , 2013, , .		0
25	Relationship between salinity and sea surface temperature in Pearl River Estuary, China. , 2013, , .		3
26	Hyperspectral characteristics of seawater intrusion in Pearl River Delta, China based on laboratory experiments. , 2012, , .		1
27	Studies on the Relationships Between Land Surface Temperature and Environmental Factors in an Inland River Catchment Based on Geographically Weighted Regression and MODIS Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 687-698.	4.9	31
28	Estimation of evapotranspiration using remotely sensed land surface temperature and the revised three-temperature model. International Journal of Remote Sensing, 2011, 32, 5853-5874.	2.9	42
29	Mapping of chlorophyll-a concentration of reservoir Dajingshan, Zhuhai, China, from LandSat thematic mapper. , 2011, , .		0
30	Research of forest regulating temperature based on time-series of Shandong Province. , 2010, , .		0
31	Using MODIS land products to estimate regional evapotranspiration. , 2010, , .		1
32	Remote detection of bare soil moisture using a surface-temperature-based soil evaporation transfer coefficient. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, 351-358.	2.8	32
33	Comparison of two split-window methods for retrieving land surface temperature from MODIS data. Journal of Earth System Science, 2009, 118, 345-353.	1.3	27
34	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
35	Application of split window algorithm to retrieve land surface temperature over northwestern China. Proceedings of SPIE, 2009, , .	0.8	0
36	A SVM-Based Change Detection Method from Bi-Temporal Remote Sensing Images in Forest Area. , 2008, , .		4

#	Article	IF	Citations
37	Remotely sensed imagery intelligent interpretation based on image segmentation and support vector machines. , 2007, , .		1
38	Object-oriented information extraction of forest resources from high resolution remote sensing. , 2006, 6419, 347.		1