

Xi Li

List of Publications by Year in descending order

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45
papers

2,661
citations

279487

23
h-index

264894

42
g-index

45
all docs

45
docs citations

45
times ranked

1912
citing authors

#	ARTICLE	IF	CITATIONS
1	Civil war hinders crop production and threatens food security in Syria. <i>Nature Food</i> , 2022, 3, 38-46.	6.2	37
2	Using radiant intensity to characterize the anisotropy of satellite-derived city light at night. <i>Remote Sensing of Environment</i> , 2022, 271, 112920.	4.6	21
3	Spatial mismatches between nighttime light intensity and building morphology in Shanghai, China. <i>Sustainable Cities and Society</i> , 2022, 81, 103851.	5.1	19
4	Impact of Image Saturation on Radiometric Intercalibration of DMSP/OLS Nighttime Light Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 7948-7960.	2.3	5
5	Intercalibration Between Night-Time DMSP/OLS Radiance Calibrated Images and NPP/VIIRS Images Using Stable Pixels. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 8838-8848.	2.3	5
6	Mapping hourly population dynamics using remotely sensed and geospatial data: a case study in Beijing, China. <i>GIScience and Remote Sensing</i> , 2021, 58, 717-732.	2.4	11
7	Lockdown induced night-time light dynamics during the COVID-19 epidemic in global megacities. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102421.	1.4	41
8	LMedS-Based Power Regression: An Optimal and Automatic Method of Radiometric Intercalibration for DMSP-OLS NTL Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 2046-2057.	2.3	2
9	Comparing DMSP/OLS Stable Nighttime Light With Radiance Calibrated Nighttime Light. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 11116-11125.	2.3	1
10	Analyzing Pixel-Level Relationships between Luojia 1-01 Nighttime Light and Urban Surface Features by Separating the Pixel Blooming Effect. <i>Remote Sensing</i> , 2021, 13, 4838.	1.8	6
11	Monitoring Resumption of Work and Production in Wuhan Built-up Area During COVID-19 Based on NPP-VIIRS and Landsat 8 Data. , 2021, , .		0
12	From earth observation to human observation: Geocomputation for social science. <i>Journal of Chinese Geography</i> , 2020, 30, 233-250.	1.5	9
13	Mapping urban expansion using night-time light images from Luojia1-01 and International Space Station. <i>International Journal of Remote Sensing</i> , 2020, 41, 2603-2623.	1.3	23
14	Remote sensing of night lights: A review and an outlook for the future. <i>Remote Sensing of Environment</i> , 2020, 237, 111443.	4.6	442
15	An Automatic Shadow Compensation Method via a New Model Combined Wallis Filter with LCC Model in High Resolution Remote Sensing Images. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5799.	1.3	2
16	Spatiotemporal Analysis of Venezuela's Nighttime Light During the Socioeconomic Crisis. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 2396-2408.	2.3	12
17	Monitoring hourly night-time light by an unmanned aerial vehicle and its implications to satellite remote sensing. <i>Remote Sensing of Environment</i> , 2020, 247, 111942.	4.6	63
18	Analyzing Urban Spatial Connectivity Using Night Light Observations: A Case Study of Three Representative Urban Agglomerations in China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 1097-1108.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Applications of Satellite Remote Sensing of Nighttime Light Observations: Advances, Challenges, and Perspectives. <i>Remote Sensing</i> , 2019, 11, 1971.	1.8	171
20	Anisotropic characteristic of artificial light at night – Systematic investigation with VIIRS DNB multi-temporal observations. <i>Remote Sensing of Environment</i> , 2019, 233, 111357.	4.6	110
21	Tracing cultural festival patterns using time-series of VIIRS monthly products. <i>Remote Sensing Letters</i> , 2019, 10, 1172-1181.	0.6	16
22	A preliminary investigation of LuoJia-1 night-time light imagery. <i>Remote Sensing Letters</i> , 2019, 10, 526-535.	0.6	75
23	DMSP/OLS night-time light intensity as an innovative indicator of regional sustainable development. <i>International Journal of Remote Sensing</i> , 2019, 40, 1594-1613.	1.3	6
24	Downscaling satellite-derived daily precipitation products with an integrated framework. <i>International Journal of Climatology</i> , 2019, 39, 1287-1304.	1.5	28
25	Mapping Urban Extent Using LuoJia 1-01 Nighttime Light Imagery. <i>Sensors</i> , 2018, 18, 3665.	2.1	113
26	Spatial and seasonal patterns of night-time lights in global ocean derived from VIIRS DNB images. <i>International Journal of Remote Sensing</i> , 2018, 39, 8151-8181.	1.3	18
27	Evaluating Algeria’s social and economic development using a series of night-time light images between 1992 to 2012. <i>International Journal of Remote Sensing</i> , 2018, 39, 9228-9248.	1.3	10
28	Night-Time Light Dynamics during the Iraqi Civil War. <i>Remote Sensing</i> , 2018, 10, 858.	1.8	53
29	Intercalibration between DMSP/OLS and VIIRS night-time light images to evaluate city light dynamics of Syria’s major human settlement during Syrian Civil War. <i>International Journal of Remote Sensing</i> , 2017, 38, 5934-5951.	1.3	183
30	Remote sensing of night-time light. <i>International Journal of Remote Sensing</i> , 2017, 38, 5855-5859.	1.3	53
31	Evaluation of IMERG and TRMM 3B43 Monthly Precipitation Products over Mainland China. <i>Remote Sensing</i> , 2016, 8, 472.	1.8	171
32	Remote sensing of human beings – a perspective from nighttime light. <i>Geo-Spatial Information Science</i> , 2016, 19, 69-79.	2.4	52
33	Multi-Scale Measurement of Regional Inequality in Mainland China during 2005–2010 Using DMSP/OLS Night Light Imagery and Population Density Grid Data. <i>Sustainability</i> , 2015, 7, 13469-13499.	1.6	39
34	Detecting 2014 Northern Iraq Insurgency using night-time light imagery. <i>International Journal of Remote Sensing</i> , 2015, 36, 3446-3458.	1.3	58
35	Can night-time light images play a role in evaluating the Syrian Crisis?. <i>International Journal of Remote Sensing</i> , 2014, 35, 6648-6661.	1.3	149
36	Remote-sensing monitoring for spatio-temporal dynamics of sand dredging activities at Poyang Lake in China. <i>International Journal of Remote Sensing</i> , 2014, 35, 6004-6022.	1.3	30

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37	Spatial downscaling of TRMM 3B43 precipitation considering spatial heterogeneity. International Journal of Remote Sensing, 2014, 35, 3074-3093.	1.3	79
38	Quantifying Contribution of Land Use Types to Nighttime Light Using an Unmixing Model. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1667-1671.	1.4	20
39	Satellite-Observed Nighttime Light Variation as Evidence for Global Armed Conflicts. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2302-2315.	2.3	65
40	Automatic intercalibration of night-time light imagery using robust regression. Remote Sensing Letters, 2013, 4, 45-54.	0.6	72
41	Potential of NPP-VIIRS Nighttime Light Imagery for Modeling the Regional Economy of China. Remote Sensing, 2013, 5, 3057-3081.	1.8	321
42	Detecting Zimbabwe's Decadal Economic Decline Using Nighttime Light Imagery. Remote Sensing, 2013, 5, 4551-4570.	1.8	50
43	Impact of training database on super resolution-based spectral unmixing. Remote Sensing Letters, 2012, 3, 647-655.	0.6	0
44	A super resolution approach for spectral unmixing of remote sensing images. International Journal of Remote Sensing, 2011, 32, 6091-6107.	1.3	9
45	A Spatial Technology Approach to Campus Security. , 2008, , .		3