

Dandan Wang

List of Publications by Year in descending order

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17
papers

624
citations

840776

11
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888059

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17
all docs

17
docs citations

17
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty of city-based urban heat island intensity across 1112 global cities: Background reference and cloud coverage. <i>Remote Sensing of Environment</i> , 2022, 271, 112898.	11.0	28
2	Urban Thermal Anisotropy: A Comparison Among Observational and Modeling Approaches at Different Time Scales. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	6.3	3
3	Modeling of Nucleation and Growth in the Synthesis of PbS Colloidal Quantum Dots Under Variable Temperatures. <i>ACS Omega</i> , 2021, 6, 3701-3710.	3.5	8
4	Comparative Analysis of Variations and Patterns between Surface Urban Heat Island Intensity and Frequency across 305 Chinese Cities. <i>Remote Sensing</i> , 2021, 13, 3505.	4.0	7
5	The Influence of Sky View Factor on Daytime and Nighttime Urban Land Surface Temperature in Different Spatial-Temporal Scales: A Case Study of Beijing. <i>Remote Sensing</i> , 2021, 13, 4117.	4.0	6
6	An advanced geometric model to simulate thermal anisotropy time-series for simplified urban neighborhoods (GUTA-T). <i>Remote Sensing of Environment</i> , 2020, 237, 111547.	11.0	12
7	Analyzing Spatiotemporal Variation Modes and Industry-Driving Force Research Using VIIRS Nighttime Light in China. <i>Remote Sensing</i> , 2020, 12, 2785.	4.0	3
8	Study of the Seasonal Effect of Building Shadows on Urban Land Surface Temperatures Based on Remote Sensing Data. <i>Remote Sensing</i> , 2019, 11, 497.	4.0	38
9	Spatial-temporal variations of surface urban heat island intensity induced by different definitions of rural extents in China. <i>Science of the Total Environment</i> , 2019, 669, 229-247.	8.0	51
10	A geometric model to simulate thermal anisotropy over a sparse urban surface (GUTA-sparse). <i>Remote Sensing of Environment</i> , 2018, 209, 263-274.	11.0	24
11	The Random Forest-Based Method of Fine-Resolution Population Spatialization by Using the International Space Station Nighttime Photography and Social Sensing Data. <i>Remote Sensing</i> , 2018, 10, 1650.	4.0	44
12	Time series decomposition of remotely sensed land surface temperature and investigation of trends and seasonal variations in surface urban heat islands. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2638-2657.	3.3	86
13	A hybrid method combining neighborhood information from satellite data with modeled diurnal temperature cycles over consecutive days. <i>Remote Sensing of Environment</i> , 2014, 155, 257-274.	11.0	39
14	Multi-temporal trajectory of the urban heat island centroid in Beijing, China based on a Gaussian volume model. <i>Remote Sensing of Environment</i> , 2014, 149, 33-46.	11.0	143
15	Assessment of thermal anisotropy on remote estimation of urban thermal inertia. <i>Remote Sensing of Environment</i> , 2012, 123, 12-24.	11.0	33
16	Interpolating diurnal surface temperatures of an urban facet using sporadic thermal observations. <i>Building and Environment</i> , 2012, 57, 239-252.	6.9	21
17	Maximum Nighttime Urban Heat Island (UHI) Intensity Simulation by Integrating Remotely Sensed Data and Meteorological Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2011, 4, 138-146.	4.9	78