

# Bo Huang

## List of Publications by Year in descending order

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236  
papers

11,722  
citations

23544

58  
h-index

34964

98  
g-index

238  
all docs

238  
docs citations

238  
times ranked

9706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of Aerosol Optical Extinction Properties From a Smartphone Photograph to Measure Visibility. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	2.7	2
2	Built Environment and Physical Activity among Adults in Hong Kong: Role of Public Leisure Facilities and Street Centrality. <i>Land</i> , 2022, 11, 243.	1.2	6
3	Economic Value of Vaccines to Address the COVID-19 Pandemic in Hong Kong: A Cost-Effectiveness Analysis. <i>Vaccines</i> , 2022, 10, 495.	2.1	8
4	Estimating High-Resolution PM2.5 Concentrations by Fusing Satellite AOD and Smartphone Photographs Using a Convolutional Neural Network and Ensemble Learning. <i>Remote Sensing</i> , 2022, 14, 1515.	1.8	5
5	Public Rental Housing and Obesogenic Behaviors among Adults in Hong Kong: Mediator Role of Food and Physical Activity Environment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2960.	1.2	2
6	Unmixing-Based Spatiotemporal Image Fusion Accounting for Complex Land Cover Changes. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-10.	2.7	6
7	Assessment and Improvement of Urban Resilience to Flooding at a Subdistrict Level Using Multi-Source Geospatial Data: Jakarta as a Case Study. <i>Remote Sensing</i> , 2022, 14, 2010.	1.8	1
8	Measuring PM2.5 Concentrations from a Single Smartphone Photograph. <i>Remote Sensing</i> , 2022, 14, 2572.	1.8	2
9	Influence of magnetic interaction on configurational-entropy-suppressed $\alpha$ -relaxations in FeNi-based metallic glasses. <i>AIP Advances</i> , 2022, 12, 065304.	0.6	0
10	Evolution of local densities during shear banding in Zr-based metallic glass micropillars. <i>Acta Materialia</i> , 2022, 235, 118068.	3.8	14
11	Urban Spatial Organization, Multifractals, and Evolutionary Patterns in Large Cities. <i>Annals of the American Association of Geographers</i> , 2021, 111, 1539-1558.	1.5	5
12	Geographically and temporally neural network weighted regression for modeling spatiotemporal non-stationary relationships. <i>International Journal of Geographical Information Science</i> , 2021, 35, 582-608.	2.2	34
13	Spatiotemporal assessment of PM2.5 concentrations and exposure in China from 2013 to 2017 using satellite-derived data. <i>Journal of Cleaner Production</i> , 2021, 286, 124965.	4.6	35
14	A sparse representation-based fusion model for improving daily MODIS C6.1 aerosol products on a 3 km grid. <i>International Journal of Remote Sensing</i> , 2021, 42, 1077-1095.	1.3	5
15	Super-Resolution-Guided Progressive Pansharpening Based on a Deep Convolutional Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 5206-5220.	2.7	69
16	A Local Spatial Kriging Applied to the PM2.5 Concentration Estimation. <i>Lecture Notes in Computer Science</i> , 2021, , 205-221.	1.0	0
17	Real-World DEM Super-Resolution Based on Generative Adversarial Networks for Improving InSAR Topographic Phase Simulation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 8373-8385.	2.3	13
18	Land-Use Mapping for High-Spatial Resolution Remote Sensing Image Via Deep Learning: A Review. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5372-5391.	2.3	25

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19	Integrated vaccination and physical distancing interventions to prevent future COVID-19 waves in Chinese cities. <i>Nature Human Behaviour</i> , 2021, 5, 695-705.	6.2	111
20	A Digital Framework to Predict the Sunshine Requirements of Landscape Plants. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2098.	1.3	1
21	Spatiotemporal mapping and assessment of daily ground NO <sub>2</sub> concentrations in China using high-resolution TROPOMI retrievals. <i>Environmental Pollution</i> , 2021, 273, 116456.	3.7	37
22	Surface response and subsurface features during the restriction of groundwater exploitation in Suzhou (China) inferred from decadal SAR interferometry. <i>Remote Sensing of Environment</i> , 2021, 256, 112327.	4.6	19
23	Tension-Tension Fatigue Behavior of High-Toughness Zr <sub>61</sub> Ti <sub>2</sub> Cu <sub>25</sub> Al <sub>12</sub> Bulk Metallic Glass. <i>Materials</i> , 2021, 14, 2815.	1.3	3
24	Unusually thick shear-softening surface of micrometer-size metallic glasses. <i>Innovation(China)</i> , 2021, 2, 100106.	5.2	7
25	Modeling the Spatiotemporal Association Between COVID-19 Transmission and Population Mobility Using Geographically and Temporally Weighted Regression. <i>GeoHealth</i> , 2021, 5, e2021GH000402.	1.9	31
26	Impacts of the evolving urban development on intra-urban surface thermal environment: Evidence from 323 Chinese cities. <i>Science of the Total Environment</i> , 2021, 771, 144810.	3.9	32
27	Characterizing the complex influence of the urban built environment on the dynamic population distribution of Shenzhen, China, using geographically and temporally weighted regression. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 1445-1462.	1.0	8
28	Estimation and Analysis of the Nighttime PM <sub>2.5</sub> Concentration Based on LJ1-01 Images: A Case Study in the Pearl River Delta Urban Agglomeration of China. <i>Remote Sensing</i> , 2021, 13, 3405.	1.8	14
29	The influence of urban form on surface urban heat island and its planning implications: Evidence from 1288 urban clusters in China. <i>Sustainable Cities and Society</i> , 2021, 71, 102987.	5.1	97
30	Stringent Nonpharmaceutical Interventions Are Crucial for Curbing COVID-19 Transmission in the Course of Vaccination: A Case Study of South and Southeast Asian Countries. <i>Healthcare (Switzerland)</i> , 2021, 9, 1292.	1.0	10
31	Evaluating national and subnational CO <sub>2</sub> mitigation goals in China's thirteenth five-year plan from satellite observations. <i>Environment International</i> , 2021, 156, 106771.	4.8	7
32	Building Function Mapping Using Multisource Geospatial Big Data: A Case Study in Shenzhen, China. <i>Remote Sensing</i> , 2021, 13, 4751.	1.8	5
33	Evaluation and Analysis of Poverty-Stricken Counties under the Framework of the UN Sustainable Development Goals: A Case Study of Hunan Province, China. <i>Remote Sensing</i> , 2021, 13, 4778.	1.8	5
34	Evaluating and characterizing urban vibrancy using spatial big data: Shanghai as a case study. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020, 47, 1543-1559.	1.0	60
35	Construction of the Scale-Specific Resilience Index to Facilitate Multiscale Decision Making in Disaster Management: A Case Study of the 2015 Nepal Earthquake. <i>Social Indicators Research</i> , 2020, 148, 189-223.	1.4	7
36	Anthropogenic and meteorological drivers of 1980-2016 trend in aerosol optical and radiative properties over the Yangtze River Basin. <i>Atmospheric Environment</i> , 2020, 223, 117188.	1.9	23

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37	Spatiotemporal Exploration of Chinese Spring Festival Population Flow Patterns and Their Determinants Based on Spatial Interaction Model. ISPRS International Journal of Geo-Information, 2020, 9, 670.	1.4	12
38	Spatiotemporal Varying Effects of Built Environment on Taxi and Ride-Hailing Ridership in New York City. ISPRS International Journal of Geo-Information, 2020, 9, 475.	1.4	21
39	Himawari-8 Aerosol Optical Depth (AOD) Retrieval Using a Deep Neural Network Trained Using AERONET Observations. Remote Sensing, 2020, 12, 4125.	1.8	31
40	Making Fe-Si-B amorphous powders as an effective catalyst for dye degradation by high-energy ultrasonic vibration. Materials and Design, 2020, 194, 108876.	3.3	27
41	Temperature Effect on Fracture of a Zr-Based Bulk Metallic Glass. Materials, 2020, 13, 2391.	1.3	6
42	Big spatial data for urban and environmental sustainability. Geo-Spatial Information Science, 2020, 23, 125-140.	2.4	48
43	Influence of short- to medium-range electronic and atomic structure on secondary relaxations in metallic glasses. Acta Materialia, 2020, 196, 88-100.	3.8	12
44	Potential of Using Phase Correlation in Distributed Scatterer InSAR Applied to Built Scenarios. Remote Sensing, 2020, 12, 686.	1.8	8
45	Spatial Multi-Objective Land Use Optimization toward Livability Based on Boundary-Based Genetic Algorithm: A Case Study in Singapore. ISPRS International Journal of Geo-Information, 2020, 9, 40.	1.4	16
46	Fine-scale mapping of an evidence-based heat health risk index for high-density cities: Hong Kong as a case study. Science of the Total Environment, 2020, 718, 137226.	3.9	39
47	Assessing the coordination between economic growth and urban climate change in China from 2000 to 2015. Science of the Total Environment, 2020, 732, 139283.	3.9	35
48	Population exposure to heatwaves in Shenzhen based on mobile phone location data. Progress in Geography, 2020, 39, 231-242.	0.3	4
49	Reimagining City Configuration. , 2020, , .		11
50	Air pollution exposure associates with increased risk of neonatal jaundice. Nature Communications, 2019, 10, 3741.	5.8	48
51	Fusion of Change Vector Analysis in Posterior Probability Space and Postclassification Comparison for Change Detection from Multispectral Remote Sensing Data. Remote Sensing, 2019, 11, 1511.	1.8	8
52	Dynamic Changes in Long-Term Exposure to Ambient Particulate Matter and Incidence of Hypertension in Adults. Hypertension, 2019, 74, 669-677.	1.3	42
53	Spatial optimization for land use planning: Opportunities and challenges. Transactions in GIS, 2019, 23, 641-644.	1.0	5
54	Dynamic assessment of PM2.5 exposure and health risk using remote sensing and geo-spatial big data. Environmental Pollution, 2019, 253, 288-296.	3.7	120

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55	Pareto law-based regional inequality analysis of PM2.5 air pollution and economic development in China. <i>Journal of Environmental Management</i> , 2019, 252, 109635.	3.8	22
56	DE-Net: Deep Encoding Network for Building Extraction from High-Resolution Remote Sensing Imagery. <i>Remote Sensing</i> , 2019, 11, 2380.	1.8	49
57	Sentinel-2A Image Fusion Using a Machine Learning Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 9589-9601.	2.7	17
58	Climate-Conscious Urban Growth Mitigates Urban Warming: Evidence from Shenzhen, China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11960-11968.	4.6	13
59	Spatiotemporal Influence of Urban Environment on Taxi Ridership Using Geographically and Temporally Weighted Regression. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 23.	1.4	34
60	Strong and Ductile Electroplated Heterogeneous Bulk Nanostructured Nickel. <i>Materials</i> , 2019, 12, 1573.	1.3	2
61	The impact of urbanization on air stagnation: Shenzhen as case study. <i>Science of the Total Environment</i> , 2019, 664, 347-362.	3.9	20
62	Automatic Extraction of Built-Up Areas from Very High-Resolution Satellite Imagery Using Patch-Level Spatial Features and Gestalt Laws of Perceptual Grouping. <i>Remote Sensing</i> , 2019, 11, 3022.	1.8	5
63	Model evaluation of high-resolution urban climate simulations: using the WRF/Noah LSM/SLUCM model (Version 3.7.1) as a case study. <i>Geoscientific Model Development</i> , 2019, 12, 4571-4584.	1.3	7
64	Characterizing Tree Species of a Tropical Wetland in Southern China at the Individual Tree Level Based on Convolutional Neural Network. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 4415-4425.	2.3	26
65	Long-Term Exposure to Ambient Fine Particulate Matter (PM2.5) and Lung Function in Children, Adolescents, and Young Adults: A Longitudinal Cohort Study. <i>Environmental Health Perspectives</i> , 2019, 127, 127008.	2.8	62
66	A robust adaptive spatial and temporal image fusion model for complex land surface changes. <i>Remote Sensing of Environment</i> , 2018, 208, 42-62.	4.6	91
67	Dynamic assessments of population exposure to urban greenspace using multi-source big data. <i>Science of the Total Environment</i> , 2018, 634, 1315-1325.	3.9	122
68	How do people in different places experience different levels of air pollution? Using worldwide Chinese as a lens. <i>Environmental Pollution</i> , 2018, 238, 874-883.	3.7	39
69	Satellite-based high-resolution PM2.5 estimation over the Beijing-Tianjin-Hebei region of China using an improved geographically and temporally weighted regression model. <i>Environmental Pollution</i> , 2018, 236, 1027-1037.	3.7	110
70	Spatiotemporal Satellite Image Fusion Using Deep Convolutional Neural Networks. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 821-829.	2.3	219
71	Satellite-based mapping of daily high-resolution ground PM2.5 in China via space-time regression modeling. <i>Remote Sensing of Environment</i> , 2018, 206, 72-83.	4.6	251
72	A spatiotemporal satellite image fusion model with autoregressive error correction (AREC). <i>International Journal of Remote Sensing</i> , 2018, 39, 6731-6756.	1.3	7

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73	Dynamic monitoring of the Poyang Lake wetland by integrating Landsat and MODIS observations. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 139, 75-87.	4.9	95
74	Shaping the Relationship Between Economic Development and Carbon Dioxide Emissions at the Local Level: Evidence from Spatial Econometric Models. Environmental and Resource Economics, 2018, 71, 127-156.	1.5	36
75	Impacts of booming economic growth and urbanization on carbon dioxide emissions in Chinese megalopolises over 1985–2010: an index decomposition analysis. Energy Efficiency, 2018, 11, 203-223.	1.3	19
76	Verification, improvement and application of aerosol optical depths in China Part 1: Inter-comparison of NPP-VIIRS and Aqua-MODIS. Atmospheric Environment, 2018, 175, 221-233.	1.9	72
77	Delineation of Built-Up Areas from Very High-Resolution Satellite Imagery Using Multi-Scale Textures and Spatial Dependence. Remote Sensing, 2018, 10, 1596.	1.8	9
78	Local Retail Food Environment and Consumption of Fruit and Vegetable among Adults in Hong Kong. International Journal of Environmental Research and Public Health, 2018, 15, 2247.	1.2	29
79	Urban land-use mapping using a deep convolutional neural network with high spatial resolution multispectral remote sensing imagery. Remote Sensing of Environment, 2018, 214, 73-86.	4.6	389
80	High spatiotemporal resolution PM2.5 concentration estimation with satellite and ground observations: A case study in New York City. , 2018, , .		2
81	GIS-Based Accessibility Analysis of Health-Care Facilities: A Case Study in Hong Kong. , 2018, , 402-410.		3
82	Real-Time Estimation of Population Exposure to PM2.5 Using Mobile- and Station-Based Big Data. International Journal of Environmental Research and Public Health, 2018, 15, 573.	1.2	67
83	Impact of Housing and Community Conditions on Multidimensional Health among Middle- and Low-Income Groups in Hong Kong. International Journal of Environmental Research and Public Health, 2018, 15, 1132.	1.2	14
84	Density fluctuations with fractal order in metallic glasses detected by synchrotron X-ray nano-computed tomography. Acta Materialia, 2018, 155, 69-79.	3.8	35
85	Assessing local resilience to typhoon disasters: A case study in Nansha, Guangzhou. PLoS ONE, 2018, 13, e0190701.	1.1	18
86	A hierarchical spatiotemporal adaptive fusion model using one image pair. International Journal of Digital Earth, 2017, 10, 639-655.	1.6	32
87	Saturated magnetization and glass forming ability of soft magnetic Fe-based metallic glasses. Intermetallics, 2017, 84, 74-81.	1.8	48
88	MODIS 3Åkm and 10Åkm aerosol optical depth for China: Evaluation and comparison. Atmospheric Environment, 2017, 153, 150-162.	1.9	64
89	Improving the Spatial Resolution of FY-3 Microwave Radiation Imager via Fusion With FY-3/MERSI. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3055-3063.	2.3	15
90	Improving spatiotemporal reflectance fusion using image inpainting and steering kernel regression techniques. International Journal of Remote Sensing, 2017, 38, 706-727.	1.3	22

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91	Multi-source remotely sensed data fusion for improving land cover classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 124, 27-39.	4.9	133
92	Transfer Learning With Fully Pretrained Deep Convolution Networks for Land-Use Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1436-1440.	1.4	79
93	Using multi-source geospatial big data to identify the structure of polycentric cities. Remote Sensing of Environment, 2017, 202, 210-221.	4.6	203
94	Spatially and Temporally Weighted Regression: A Novel Method to Produce Continuous Cloud-Free Landsat Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 27-37.	2.7	92
95	A Simple and Universal Aerosol Retrieval Algorithm for Landsat Series Images Over Complex Surfaces. Journal of Geophysical Research D: Atmospheres, 2017, 122, 13,338.	1.2	44
96	Integrating modis and MTSAT-2 to generate high spatial-temporal-spectral resolution imagery for real-time air quality monitoring. , 2017, , .		3
97	Revealing Implicit Assumptions of the Component Substitution Pansharpening Methods. Remote Sensing, 2017, 9, 443.	1.8	17
98	A Rigorously-Weighted Spatiotemporal Fusion Model with Uncertainty Analysis. Remote Sensing, 2017, 9, 990.	1.8	31
99	Measuring Recovery to Build up Metrics of Flood Resilience Based on Pollutant Discharge Data: A Case Study in East China. Water (Switzerland), 2017, 9, 619.	1.2	16
100	An Evaluation of Four MODIS Collection 6 Aerosol Products in a Humid Subtropical Region. Remote Sensing, 2017, 9, 1173.	1.8	8
101	The Fisher Kernel Coding Framework for High Spatial Resolution Scene Classification. Remote Sensing, 2016, 8, 157.	1.8	86
102	A Two-step Spatio-Temporal satellite image Fusion Model for temporal changes of various LULC under one-pair prior images scenario. , 2016, , .		0
103	Precipitation variability in High Mountain Asia from multiple datasets and implication for water balance analysis in large lake basins. Global and Planetary Change, 2016, 145, 20-29.	1.6	23
104	Rural settlement restructuring based on analysis of the peasant household symbiotic system at village level: A Case Study of Fengsi Village in Chongqing, China. Journal of Rural Studies, 2016, 47, 485-495.	2.1	64
105	A multi-objective optimization approach for health-care facility location-allocation problems in highly developed cities such as Hong Kong. Computers, Environment and Urban Systems, 2016, 59, 220-230.	3.3	104
106	Constructing a unified framework for multi-source remotely sensed data fusion. , 2016, , .		2
107	Exploring the impact of high speed railways on the spatial redistribution of economic activities - Yangtze River Delta urban agglomeration as a case study. Journal of Transport Geography, 2016, 57, 194-206.	2.3	80
108	Rapid growth in nitrogen dioxide pollution over Western China, 2005â€“2013. Atmospheric Chemistry and Physics, 2016, 16, 6207-6221.	1.9	76



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109	Hand in hand evolution of boson heat capacity anomaly and slow $\hat{\Gamma}^2$ -relaxation in La-based metallic glasses. <i>Acta Materialia</i> , 2016, 110, 73-83.	3.8	21
110	Response of urban heat island to future urban expansion over the Beijing-Tianjin-Hebei metropolitan area. <i>Applied Geography</i> , 2016, 70, 26-36.	1.7	86
111	Spatio-temporal variation and impact factors analysis of satellite-based aerosol optical depth over China from 2002 to 2015. <i>Atmospheric Environment</i> , 2016, 129, 79-90.	1.9	118
112	Investigation of the Effects of Anthropogenic Pollution on Typhoon Precipitation and Microphysical Processes Using WRF-Chem. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1593-1610.	0.6	26
113	Estimating spatial logistic model: A deterministic approach or a heuristic approach?. <i>Information Sciences</i> , 2016, 330, 358-369.	4.0	3
114	Comparison of Spatiotemporal Fusion Models: A Review. <i>Remote Sensing</i> , 2015, 7, 1798-1835.	1.8	153
115	Spatiotemporal Variation in Surface Urban Heat Island Intensity and Associated Determinants across Major Chinese Cities. <i>Remote Sensing</i> , 2015, 7, 3670-3689.	1.8	101
116	A New Look at Image Fusion Methods from a Bayesian Perspective. <i>Remote Sensing</i> , 2015, 7, 6828-6861.	1.8	58
117	Heterogeneous change patterns of water level for inland lakes in High Mountain Asia derived from multi-mission satellite altimetry. <i>Hydrological Processes</i> , 2015, 29, 2769-2781.	1.1	41
118	Cloud Removal From Optical Satellite Imagery With SAR Imagery Using Sparse Representation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1046-1050.	1.4	62
119	Spatial and Temporal Image Fusion via Regularized Spatial Unmixing. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1362-1366.	1.4	45
120	Using satellite data to estimate particulate air quality in a subtropical city: an evaluation of accuracy and sampling issues. <i>Remote Sensing Letters</i> , 2015, 6, 370-379.	0.6	3
121	Fine Land Cover Classification Using Daily Synthetic Landsat-Like Images at 15-m Resolution. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 2359-2363.	1.4	15
122	An Error-Bound-Regularized Sparse Coding for Spatiotemporal Reflectance Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 6791-6803.	2.7	58
123	A generalization of spatial and temporal fusion methods for remotely sensed surface parameters. <i>International Journal of Remote Sensing</i> , 2015, 36, 4411-4445.	1.3	56
124	Improving the Spatial Resolution of Landsat TM/ETM+ Through Fusion With SPOT5 Images via Learning-Based Super-Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 1195-1204.	2.7	59
125	Soil erosion evaluation in a rapidly urbanizing city (Shenzhen, China) and implementation of spatial land-use optimization. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4475-4490.	2.7	23
126	Modeling the spatio-temporal heterogeneity in the PM10-PM2.5 relationship. <i>Atmospheric Environment</i> , 2015, 102, 176-182.	1.9	97



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127	Can mountain glacier melting explains the GRACE-observed mass loss in the southeast Tibetan Plateau: From a climate perspective?. <i>Global and Planetary Change</i> , 2015, 124, 1-9.	1.6	56
128	Land Use Optimization for a Rapidly Urbanizing City with Regard to Local Climate Change: Shenzhen as a Case Study. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2015, 141, .	0.8	32
129	Calibrating a cellular automata model for understanding rural-to-urban land conversion: a Pareto front-based multi-objective optimization approach. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1028-1046.	2.2	37
130	Spatio-temporal reflectance fusion via unmixing: accounting for both phenological and land-cover changes. <i>International Journal of Remote Sensing</i> , 2014, 35, 6213-6233.	1.3	65
131	Inter-annual changes of alpine inland lake water storage on the Tibetan Plateau: Detection and analysis by integrating satellite altimetry and optical imagery. <i>Hydrological Processes</i> , 2014, 28, 2411-2418.	1.1	49
132	Shadow Detection and Reconstruction in High-Resolution Satellite Images via Morphological Filtering and Example-Based Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 2545-2554.	2.7	63
133	Spatial and Spectral Image Fusion Using Sparse Matrix Factorization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 1693-1704.	2.7	173
134	Remote sensing of alpine lake water environment changes on the Tibetan Plateau and surroundings: A review. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 92, 26-37.	4.9	130
135	A geographically and temporally weighted autoregressive model with application to housing prices. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1186-1204.	2.2	127
136	Landslide susceptibility mapping based on rough set theory and support vector machines: A case of the Three Gorges area, China. <i>Geomorphology</i> , 2014, 204, 287-301.	1.1	219
137	Intermodality models in pan-sharpening: analysis based on remote sensing physics. <i>International Journal of Remote Sensing</i> , 2014, 35, 515-531.	1.3	5
138	Modeling urban vertical growth using cellular automata—Guangzhou as a case study. <i>Applied Geography</i> , 2014, 53, 172-186.	1.7	74
139	Spatial and temporal classification of synthetic satellite imagery: land cover mapping and accuracy validation. <i>Geo-Spatial Information Science</i> , 2014, 17, 1-7.	2.4	14
140	A Spatio-temporal Pixel-Swapping Algorithm for Subpixel Land Cover Mapping. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 474-478.	1.4	47
141	Modeling urban growth by the use of a multiobjective optimization approach: Environmental and economic issues for the Yangtze watershed, China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13027-13042.	2.7	9
142	Reconstructing Seasonal Variation of Landsat Vegetation Index Related to Leaf Area Index by Fusing with MODIS Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 950-960.	2.3	31
143	Sustainable Land-Use Planning for a Downtown Lake Area in Central China: Multiobjective Optimization Approach Aided by Urban Growth Modeling. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2014, 140, .	0.8	30
144	Seasonal and abrupt changes in the water level of closed lakes on the Tibetan Plateau and implications for climate impacts. <i>Journal of Hydrology</i> , 2014, 514, 131-144.	2.3	94

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145	Spatio-spectral fusion of satellite images based on dictionary-pair learning. <i>Information Fusion</i> , 2014, 18, 148-160.	11.7	37
146	Effects of land use and transportation on carbon sources and carbon sinks: A case study in Shenzhen, China. <i>Landscape and Urban Planning</i> , 2014, 122, 175-185.	3.4	62
147	Accelerated lake expansion on the Tibetan Plateau in the 2000s: Induced by glacial melting or other processes?. <i>Water Resources Research</i> , 2014, 50, 3170-3186.	1.7	206
148	Estimating CO <sub>2</sub> (carbon dioxide) emissions at urban scales by DMSP/OLS (Defense Meteorological) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 and a case study for China. <i>Energy</i> , 2014, 71, 468-478.	4.5	156
149	Modeling and analysis of lake water storage changes on the Tibetan Plateau using multi-mission satellite data. <i>Remote Sensing of Environment</i> , 2013, 135, 25-35.	4.6	305
150	A Globally Statistical Active Contour Model for Segmentation of Oil Slick in SAR Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 2402-2409.	2.3	38
151	Convergence of per capita carbon dioxide emissions in urban China: A spatio-temporal perspective. <i>Applied Geography</i> , 2013, 40, 21-29.	1.7	106
152	Support Vector Regression-Based Downscaling for Intercalibration of Multiresolution Satellite Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 1114-1123.	2.7	25
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