Bo Huang

List of Publications by Year
in descending order

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214 papers	11,047 citations	28736 57 h-index	40945 97 g-index
216 all docs	216 docs citations	216 times ranked	10430 citing authors

#	Article	IF	Citations
1	Combined effects of chronic PM2.5 exposure and habitual exercise on cancer mortality: a longitudinal cohort study. International Journal of Epidemiology, 2022, 51, 225-236.	0.9	8
2	Extraction of Aerosol Optical Extinction Properties From a Smartphone Photograph to Measure Visibility. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	2
3	Wind environment assessment and planning of urban natural ventilation corridors using GIS: Shenzhen as a case study. Urban Climate, 2022, 42, 101091.	2.4	22
4	An attention-based deep learning model for citywide traffic flow forecasting. International Journal of Digital Earth, 2022, 15, 323-344.	1.6	6
5	Built Environment and Physical Activity among Adults in Hong Kong: Role of Public Leisure Facilities and Street Centrality. Land, 2022, 11, 243.	1.2	6
6	Distributed scatterer interferometry for forested and hilly areas using a topographical homogeneous filtering. Remote Sensing Letters, 2022, 13, 460-469.	0.6	1
7	Economic Value of Vaccines to Address the COVID-19 Pandemic in Hong Kong: A Cost-Effectiveness Analysis. Vaccines, 2022, 10, 495.	2.1	8
8	Estimating High-Resolution PM2.5 Concentrations by Fusing Satellite AOD and Smartphone Photographs Using a Convolutional Neural Network and Ensemble Learning. Remote Sensing, 2022, 14, 1515.	1.8	5
9	Public Rental Housing and Obesogenic Behaviors among Adults in Hong Kong: Mediator Role of Food and Physical Activity Environment. International Journal of Environmental Research and Public Health, 2022, 19, 2960.	1.2	2
10	Progressive spatiotemporal image fusion with deep neural networks. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102745.	1.4	2
11	Identifying Urban Agglomerations in China Based on Densityâ€“Density Correlation Functions. Annals of the American Association of Geographers, 2022, 112, 1666-1684.	1.5	3
12	Predicting annual PM2.5 in mainland China from 2014 to 2020 using multi temporal satellite product: An improved deep learning approach with spatial generalization ability. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 141-158.	4.9	19
13	Unmixing-Based Spatiotemporal Image Fusion Accounting for Complex Land Cover Changes. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	6
14	Assessment and Improvement of Urban Resilience to Flooding at a Subdistrict Level Using Multi-Source Geospatial Data: Jakarta as a Case Study. Remote Sensing, 2022, 14, 2010.	1.8	1
15	Measuring PM2.5 Concentrations from a Single Smartphone Photograph. Remote Sensing, 2022, 14, 2572.	1.8	2
16	Urban heat island mitigation and adaptation in China. , 2022, , 131-140.		0
17	Millimeter slope ratcheting from multitemporal SAR interferometry with a correction of coastal tropospheric delay: A case study in Hong Kong. Remote Sensing of Environment, 2022, 280, 113148.	4.6	4
18	Urban Spatial Organization, Multifractals, and Evolutionary Patterns in Large Cities. Annals of the American Association of Geographers, 2021, 111, 1539-1558.	1.5	5

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19	Geographically and temporally neural network weighted regression for modeling spatiotemporal non-stationary relationships. International Journal of Geographical Information Science, 2021, 35, 582-608.	2.2	34
20	Spatiotemporal assessment of PM2.5 concentrations and exposure in China from 2013 to 2017 using satellite-derived data. Journal of Cleaner Production, 2021, 286, 124965.	4.6	35
21	A sparse representation-based fusion model for improving daily MODIS C6.1 aerosol products on a 3 km grid. International Journal of Remote Sensing, 2021, 42, 1077-1095.	1.3	5
22	Super-Resolution-Guided Progressive Pansharpening Based on a Deep Convolutional Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5206-5220.	2.7	69
23	Real-World DEM Super-Resolution Based on Generative Adversarial Networks for Improving InSAR Topographic Phase Simulation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8373-8385.	2.3	13
24	Land-Use Mapping for High-Spatial Resolution Remote Sensing Image Via Deep Learning: A Review. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5372-5391.	2.3	25
25	Integrated vaccination and physical distancing interventions to prevent future COVID-19 waves in Chinese cities. Nature Human Behaviour, 2021, 5, 695-705.	6.2	111
26	A Digital Framework to Predict the Sunshine Requirements of Landscape Plants. Applied Sciences (Switzerland), 2021, 11, 2098.	1.3	1
27	Spatiotemporal mapping and assessment of daily ground NO2 concentrations in China using high-resolution TROPOMI retrievals. Environmental Pollution, 2021, 273, 116456.	3.7	37
28	Surface response and subsurface features during the restriction of groundwater exploitation in Suzhou (China) inferred from decadal SAR interferometry. Remote Sensing of Environment, 2021, 256, 112327.	4.6	19
29	Modeling the Spatiotemporal Association Between COVIDâ€19 Transmission and Population Mobility Using Geographically and Temporally Weighted Regression. GeoHealth, 2021, 5, e2021GH000402.	1.9	31
30	Impacts of the evolving urban development on intra-urban surface thermal environment: Evidence from 323 Chinese cities. Science of the Total Environment, 2021, 771, 144810.	3.9	32
31	Characterizing the complex influence of the urban built environment on the dynamic population distribution of Shenzhen, China, using geographically and temporally weighted regression. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 1445-1462.	1.0	8
32	Estimation and Analysis of the Nighttime PM2.5 Concentration Based on LJ1-01 Images: A Case Study in the Pearl River Delta Urban Agglomeration of China. Remote Sensing, 2021, 13, 3405.	1.8	14
33	The influence of urban form on surface urban heat island and its planning implications: Evidence from 1288 urban clusters in China. Sustainable Cities and Society, 2021, 71, 102987.	5.1	97
34	Stringent Nonpharmaceutical Interventions Are Crucial for Curbing COVID-19 Transmission in the Course of Vaccination: A Case Study of South and Southeast Asian Countries. Healthcare (Switzerland), 2021, 9, 1292.	1.0	10
35	Evaluating national and subnational CO2 mitigation goals in Chinaâ€™s thirteenth five-year plan from satellite observations. Environment International, 2021, 156, 106771.	4.8	7
36	Street trees and crime: What characteristics of trees and streetscapes matter. Urban Forestry and Urban Greening, 2021, 65, 127366.	2.3	16

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37	Building Function Mapping Using Multisource Geospatial Big Data: A Case Study in Shenzhen, China. Remote Sensing, 2021, 13, 4751.	1.8	5
38	Evaluation and Analysis of Poverty-Stricken Counties under the Framework of the UN Sustainable Development Goals: A Case Study of Hunan Province, China. Remote Sensing, 2021, 13, 4778.	1.8	5
39	Evaluating and characterizing urban vibrancy using spatial big data: Shanghai as a case study. Environment and Planning B: Urban Analytics and City Science, 2020, 47, 1543-1559.	1.0	60
40	Construction of the Scale-Specific Resilience Index to Facilitate Multiscale Decision Making in Disaster Management: A Case Study of the 2015 Nepal Earthquake. Social Indicators Research, 2020, 148, 189-223.	1.4	7
41	Anthropogenic and meteorological drivers of 1980â€“2016 trend in aerosol optical and radiative properties over the Yangtze River Basin. Atmospheric Environment, 2020, 223, 117188.	1.9	23
42	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
43	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
44	Himawari-8 Aerosol Optical Depth (AOD) Retrieval Using a Deep Neural Network Trained Using AERONET Observations. Remote Sensing, 2020, 12, 4125.	1.8	31
45	Big spatial data for urban and environmental sustainability. Geo-Spatial Information Science, 2020, 23, 125-140.	2.4	48
46	Potential of Using Phase Correlation in Distributed Scatterer InSAR Applied to Built Scenarios. Remote Sensing, 2020, 12, 686.	1.8	8
47	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
48	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
49	A novel method to extract urban human settlements by integrating remote sensing and mobile phone locations. Science of Remote Sensing, 2020, 1, 100003.	2.2	12
50	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
51	Population exposure to heatwaves in Shenzhen based on mobile phone location data. Progress in Geography, 2020, 39, 231-242.	0.3	4
52	Air pollution exposure associates with increased risk of neonatal jaundice. Nature Communications, 2019, 10, 3741.	5.8	48
53	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
54	Dynamic Changes in Long-Term Exposure to Ambient Particulate Matter and Incidence of Hypertension in Adults. Hypertension, 2019, 74, 669-677.	1.3	42

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55	Spatial optimization for land use planning: Opportunities and challenges. Transactions in GIS, 2019, 23, 641-644.	1.0	5
56	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
57	Pareto law-based regional inequality analysis of PM2.5 air pollution and economic development in China. Journal of Environmental Management, 2019, 252, 109635.	3.8	22
58	DE-Net: Deep Encoding Network for Building Extraction from High-Resolution Remote Sensing Imagery. Remote Sensing, 2019, 11, 2380.	1.8	49
59	Sentinel-2A Image Fusion Using a Machine Learning Approach. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9589-9601.	2.7	17
60	Climate-Conscious Urban Growth Mitigates Urban Warming: Evidence from Shenzhen, China. Environmental Science & Technology, 2019, 53, 11960-11968.	4.6	13
61	Spatiotemporal Influence of Urban Environment on Taxi Ridership Using Geographically and Temporally Weighted Regression. ISPRS International Journal of Geo-Information, 2019, 8, 23.	1.4	34
62	The impact of urbanization on air stagnation: Shenzhen as case study. Science of the Total Environment, 2019, 664, 347-362.	3.9	20
63	Automatic Extraction of Built-Up Areas from Very High-Resolution Satellite Imagery Using Patch-Level Spatial Features and Gestalt Laws of Perceptual Grouping. Remote Sensing, 2019, 11, 3022.	1.8	5
64	Model evaluation of high-resolution urban climate simulations: using the WRF/Noah LSM/SLUCM model (Version 3.7.1) as a case study. Geoscientific Model Development, 2019, 12, 4571-4584.	1.3	7
65	Long-Term Exposure to Ambient Fine Particulate Matter (PM2.5) and Lung Function in Children, Adolescents, and Young Adults: A Longitudinal Cohort Study. Environmental Health Perspectives, 2019, 127, 127008.	2.8	62
66	A robust adaptive spatial and temporal image fusion model for complex land surface changes. Remote Sensing of Environment, 2018, 208, 42-62.	4.6	91
67	Dynamic assessments of population exposure to urban greenspace using multi-source big data. Science of the Total Environment, 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. Environmental Pollution, 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. Environmental Pollution, 2018, 236, 1027-1037.	3.7	110
70	Spatiotemporal Satellite Image Fusion Using Deep Convolutional Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 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. Remote Sensing of Environment, 2018, 206, 72-83.	4.6	251
72	A spatiotemporal satellite image fusion model with autoregressive error correction (AREC). International Journal of Remote Sensing, 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 1985â€“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	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
82	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
83	Assessing local resilience to typhoon disasters: A case study in Nansha, Guangzhou. PLoS ONE, 2018, 13, e0190701.	1.1	18
84	A hierarchical spatiotemporal adaptive fusion model using one image pair. International Journal of Digital Earth, 2017, 10, 639-655.	1.6	32
85	MODIS 3Âkm and 10Âkm aerosol optical depth for China: Evaluation and comparison. Atmospheric Environment, 2017, 153, 150-162.	1.9	64
86	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
87	Improving spatiotemporal reflectance fusion using image inpainting and steering kernel regression techniques. International Journal of Remote Sensing, 2017, 38, 706-727.	1.3	22
88	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
89	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
90	Using multi-source geospatial big data to identify the structure of polycentric cities. Remote Sensing of Environment, 2017, 202, 210-221.	4.6	203

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91	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
92	Integrating modis and MTSAT-2 to generate high spatial-temporal-spectral resolution imagery for real-time air quality monitoring. , 2017, , .		3
93	Distributed renewable energy allocation for cellular backhaul with price sensitive users. , 2017, , .		1
94	Revealing Implicit Assumptions of the Component Substitution Pansharpening Methods. Remote Sensing, 2017, 9, 443.	1.8	17
95	A Rigorously-Weighted Spatiotemporal Fusion Model with Uncertainty Analysis. Remote Sensing, 2017, 9, 990.	1.8	31
96	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
97	An Evaluation of Four MODIS Collection 6 Aerosol Products in a Humid Subtropical Region. Remote Sensing, 2017, 9, 1173.	1.8	8
98	The Fisher Kernel Coding Framework for High Spatial Resolution Scene Classification. Remote Sensing, 2016, 8, 157.	1.8	86
99	A Two-step Spatio-Temporal satellite image Fusion Model for temporal changes of various LULC under one-pair prior images scenario. , 2016, , .		0
100	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
101	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
102	Constucting a unified framework for multi-source remotely sensed data fusion. , 2016, , .		2
103	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
104	Rapid growth in nitrogen dioxide pollution over Western China, 2005â€“2013. Atmospheric Chemistry and Physics, 2016, 16, 6207-6221.	1.9	76
105	Response of urban heat island to future urban expansion over the Beijingâ€“Tianjinâ€“Hebei metropolitan area. Applied Geography, 2016, 70, 26-36.	1.7	86
106	Spatio-temporal variation and impact factors analysis of satellite-based aerosol optical depth over China from 2002 to 2015. Atmospheric Environment, 2016, 129, 79-90.	1.9	118
107	Investigation of the Effects of Anthropogenic Pollution on Typhoon Precipitation and Microphysical Processes Using WRF-Chem. Journals of the Atmospheric Sciences, 2016, 73, 1593-1610.	0.6	26
108	Estimating spatial logistic model: A deterministic approach or a heuristic approach?. Information Sciences, 2016, 330, 358-369.	4.0	3

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109	Comparison of Spatiotemporal Fusion Models: A Review. Remote Sensing, 2015, 7, 1798-1835.	1.8	153
110	Spatiotemporal Variation in Surface Urban Heat Island Intensity and Associated Determinants across Major Chinese Cities. Remote Sensing, 2015, 7, 3670-3689.	1.8	101
111	A New Look at Image Fusion Methods from a Bayesian Perspective. Remote Sensing, 2015, 7, 6828-6861.	1.8	58
112	Heterogeneous change patterns of water level for inland lakes in High Mountain Asia derived from multiâ€mission satellite altimetry. Hydrological Processes, 2015, 29, 2769-2781.	1.1	41
113	Cloud Removal From Optical Satellite Imagery With SAR Imagery Using Sparse Representation. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1046-1050.	1.4	62
114	Spatial and Temporal Image Fusion via Regularized Spatial Unmixing. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1362-1366.	1.4	45
115	Using satellite data to estimate particulate air quality in a subtropical city: an evaluation of accuracy and sampling issues. Remote Sensing Letters, 2015, 6, 370-379.	0.6	3
116	Fine Land Cover Classification Using Daily Synthetic Landsat-Like Images at 15-m Resolution. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2359-2363.	1.4	15
117	An Error-Bound-Regularized Sparse Coding for Spatiotemporal Reflectance Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6791-6803.	2.7	58
118	A generalization of spatial and temporal fusion methods for remotely sensed surface parameters. International Journal of Remote Sensing, 2015, 36, 4411-4445.	1.3	56
119	Improving the Spatial Resolution of Landsat TM/ETM+ Through Fusion With SPOT5 Images via Learning-Based Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1195-1204.	2.7	59
120	Soil erosion evaluation in a rapidly urbanizing city (Shenzhen, China) and implementation of spatial land-use optimization. Environmental Science and Pollution Research, 2015, 22, 4475-4490.	2.7	23
121	Modeling the spatio-temporal heterogeneity in the PM10-PM2.5 relationship. Atmospheric Environment, 2015, 102, 176-182.	1.9	97
122	Can mountain glacier melting explains the GRACE-observed mass loss in the southeast Tibetan Plateau: From a climate perspective?. Global and Planetary Change, 2015, 124, 1-9.	1.6	56
123	Land Use Optimization for a Rapidly Urbanizing City with Regard to Local Climate Change: Shenzhen as a Case Study. Journal of the Urban Planning and Development Division, ASCE, 2015, 141, .	0.8	32
124	Calibrating a cellular automata model for understanding ruralâ€“urban land conversion: a Pareto front-based multi-objective optimization approach. International Journal of Geographical Information Science, 2014, 28, 1028-1046.	2.2	37
125	Spatio-temporal reflectance fusion via unmixing: accounting for both phenological and land-cover changes. International Journal of Remote Sensing, 2014, 35, 6213-6233.	1.3	65
126	Interâ€annual changes of alpine inland lake water storage on the Tibetan Plateau: Detection and analysis by integrating satellite altimetry and optical imagery. Hydrological Processes, 2014, 28, 2411-2418.	1.1	49

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127	Spatial and Spectral Image Fusion Using Sparse Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1693-1704.	2.7	173
128	Remote sensing of alpine lake water environment changes on the Tibetan Plateau and surroundings: A review. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 92, 26-37.	4.9	130
129	A geographically and temporally weighted autoregressive model with application to housing prices. International Journal of Geographical Information Science, 2014, 28, 1186-1204.	2.2	127
130	Landslide susceptibility mapping based on rough set theory and support vector machines: A case of the Three Gorges area, China. Geomorphology, 2014, 204, 287-301.	1.1	219
131	Intermodality models in pan-sharpening: analysis based on remote sensing physics. International Journal of Remote Sensing, 2014, 35, 515-531.	1.3	5
132	Modeling urban vertical growth using cellular automataâ€"Guangzhou as a case study. Applied Geography, 2014, 53, 172-186.	1.7	74
133	Spatial and temporal classification of synthetic satellite imagery: land cover mapping and accuracy validation. Geo-Spatial Information Science, 2014, 17, 1-7.	2.4	14
134	A Spatioâ€"Temporal Pixel-Swapping Algorithm for Subpixel Land Cover Mapping. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 474-478.	1.4	47
135	Modeling urban growth by the use of a multiobjective optimization approach: Environmental and economic issues for the Yangtze watershed, China. Environmental Science and Pollution Research, 2014, 21, 13027-13042.	2.7	9
136	Reconstructing Seasonal Variation of Landsat Vegetation Index Related to Leaf Area Index by Fusing with MODIS Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 950-960.	2.3	31
137	Sustainable Land-Use Planning for a Downtown Lake Area in Central China: Multiobjective Optimization Approach Aided by Urban Growth Modeling. Journal of the Urban Planning and Development Division, ASCE, 2014, 140, .	0.8	30
138	Seasonal and abrupt changes in the water level of closed lakes on the Tibetan Plateau and implications for climate impacts. Journal of Hydrology, 2014, 514, 131-144.	2.3	94
139	Spatio-spectral fusion of satellite images based on dictionary-pair learning. Information Fusion, 2014, 18, 148-160.	11.7	37
140	Effects of land use and transportation on carbon sources and carbon sinks: A case study in Shenzhen, China. Landscape and Urban Planning, 2014, 122, 175-185.	3.4	62
141	Accelerated lake expansion on the Tibetan Plateau in the 2000s: Induced by glacial melting or other processes?. Water Resources Research, 2014, 50, 3170-3186.	1.7	206
142	Estimating CO2 (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. Energy, 2014, 71, 468-478.	4.5	156
143	Modeling and analysis of lake water storage changes on the Tibetan Plateau using multi-mission satellite data. Remote Sensing of Environment, 2013, 135, 25-35.	4.6	305
144	A Globally Statistical Active Contour Model for Segmentation of Oil Slick in SAR Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2402-2409.	2.3	38

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145	Convergence of per capita carbon dioxide emissions in urban China: A spatio-temporal perspective. Applied Geography, 2013, 40, 21-29.	1.7	106
146	Support Vector Regression-Based Downscaling for Intercalibration of Multiresolution Satellite Images. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1114-1123.	2.7	25
147	Spatiotemporal Satellite Image Fusion Through One-Pair Image Learning. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1883-1896.	2.7	187
148	A genetic algorithm for multiobjective dangerous goods route planning. International Journal of Geographical Information Science, 2013, 27, 1073-1089.	2.2	32
149	An adaptive compromise programming method for multi-objective path optimization. Journal of Geographical Systems, 2013, 15, 211-228.	1.9	8
150	Unified fusion of remote-sensing imagery: generating simultaneously high-resolution synthetic spatialâ€“temporalâ€“spectral earth observations. Remote Sensing Letters, 2013, 4, 561-569.	0.6	85
151	Generating High Spatiotemporal Resolution Land Surface Temperature for Urban Heat Island Monitoring. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1011-1015.	1.4	100
152	Virtual Environments for Geospatial Applications. , 2013, , 216-226.		3
153	Prediction for spatio-temporal models with autoregression in errors. Journal of Nonparametric Statistics, 2012, 24, 217-244.	0.4	29
154	Spatiotemporal Reflectance Fusion via Sparse Representation. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 3707-3716.	2.7	311
155	A novel method for planning a staged evacuation. Journal of Systems Science and Complexity, 2012, 25, 1093-1107.	1.6	16
156	Improved ant colony optimization for multi-objective route planning of dangerous goods. , 2012, , .		0
157	Sustainable land use optimization using Boundary-based Fast Genetic Algorithm. Computers, Environment and Urban Systems, 2012, 36, 257-269.	3.3	201
158	Improving Landsat ETM+ Urban Area Mapping via Spatial and Angular Fusion With MISR Multi-Angle Observations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 101-109.	2.3	22
159	Multimodal, multicriteria dynamic route choice: a GIS-microscopic traffic simulation approach. Annals of GIS, 2011, 17, 173-187.	1.4	6
160	Spatial multi-objective land use optimization: extensions to the non-dominated sorting genetic algorithm-II. International Journal of Geographical Information Science, 2011, 25, 1949-1969.	2.2	176
161	Scale conversion of multi sensor remote sensing image using single frame super resolution technology. , 2011, , .		4
162	A Level Set Filter for Speckle Reduction in SAR Images. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	6

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163	Support vector machines for urban growth modeling. GeoInformatica, 2010, 14, 83-99.	2.0	49
164	Prediction of urban land use evolution using temporal remote sensing data analysis and a spatial logistic model. , 2010, , .		3
165	Geographically and temporally weighted regression for modeling spatio-temporal variation in house prices. International Journal of Geographical Information Science, 2010, 24, 383-401.	2.2	781
166	A Fast Level Set Method for Synthetic Aperture Radar Ocean Image Segmentation. Sensors, 2009, 9, 814-829.	2.1	15
167	Spatiotemporal analysis of ruralâ€“urban land conversion. International Journal of Geographical Information Science, 2009, 23, 379-398.	2.2	149
168	Spatial Change Optimization. Photogrammetric Engineering and Remote Sensing, 2009, 75, 1015-1022.	0.3	26
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