

Qingquan Li

List of Publications by Year in descending order

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296
papers

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times ranked

9737
citing authors

#	ARTICLE	IF	CITATIONS
1	A Data-Driven Inertial Navigation/Bluetooth Fusion Algorithm for Indoor Localization. IEEE Sensors Journal, 2022, 22, 5288-5301.	4.7	34
2	Thick Clouds Removing From Multitemporal Landsat Images Using Spatiotemporal Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	14
3	Gradient Feature-Oriented 3-D Domain Adaptation for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	14
4	A Comparative Analysis of LiDAR SLAM-Based Indoor Navigation for Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6907-6921.	8.0	87
5	FTPG: A Fine-Grained Traffic Prediction Method With Graph Attention Network Using Big Trace Data. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5163-5175.	8.0	23
6	3-D Gabor Convolutional Neural Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	22
7	A Heterogeneous Access Metamodel for Efficient IoT Remote Sensing Observation Management: Taking Precision Agriculture as an Example. IEEE Internet of Things Journal, 2022, 9, 8616-8632.	8.7	5
8	Fusion of Hyperspectral and Multispectral Images Accounting for Localized Inter-Image Changes. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	13
9	Improving synthetic 3D model-aided indoor image localization via domain adaptation. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 183, 66-78.	11.1	9
10	Exploring metro vibrancy and its relationship with built environment: a cross-city comparison using multi-source urban data. Geo-Spatial Information Science, 2022, 25, 182-196.	5.3	12
11	RDC-SLAM: A Real-Time Distributed Cooperative SLAM System Based on 3D LiDAR. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14721-14730.	8.0	19
12	Evaluation of Ocean Color Atmospheric Correction Methods for Sentinel-3 OLCI Using Global Automatic <i>In Situ</i> Observations. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	8
13	High-Spatial-Resolution Nighttime Light Dataset Acquisition Based on Volunteered Passenger Aircraft Remote Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	7
14	NDT-LOAM: A Real-Time Lidar Odometry and Mapping With Weighted NDT and LFA. IEEE Sensors Journal, 2022, 22, 3660-3671.	4.7	29
15	Assessing spatiotemporal variations and predicting changes in ecosystem service values in the Guangdong-Hong Kong-Macao Greater Bay Area. GIScience and Remote Sensing, 2022, 59, 184-199.	5.9	21
16	A hierarchical approach for fine-grained urban villages recognition fusing remote and social sensing data. International Journal of Applied Earth Observation and Geoinformation, 2022, 106, 102661.	2.8	10
17	Characteristics and trends of hillside urbanization in China from 2007 to 2017. Habitat International, 2022, 120, 102502.	5.8	9
18	Sparsity Constrained Fusion of Hyperspectral and Multispectral Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4

#	ARTICLE	IF	CITATIONS
19	InSAR Crowdsourcing Annotation System With Volunteers Uploaded Photographs: Toward a Hazard Alerting System. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	2
20	Automatic Tunnel Crack Inspection Using an Efficient Mobile Imaging Module and a Lightweight CNN. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 15190-15203.	8.0	23
21	Development of a single-wavelength airborne bathymetric LiDAR: System design and data processing. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 185, 62-84.	11.1	20
22	IMU-Aided Registration of MLS Point Clouds Using Inertial Trajectory Error Model and Least Squares Optimization. <i>Remote Sensing</i> , 2022, 14, 1365.	4.0	3
23	Internal deformation monitoring for earth-rockfill dam via high-precision flexible pipeline measurements. <i>Automation in Construction</i> , 2022, 136, 104177.	9.8	9
24	Correlation Analysis Between Nighttime Light Data and Socioeconomic Factors on Fine Scales. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	2
25	Exploiting Graph and Geodesic Distance Constraint for Deep Learning-Based Visual Odometry. <i>Remote Sensing</i> , 2022, 14, 1854.	4.0	2
26	A New Likelihood Function for Consistent Phase Series Estimation in Distributed Scatterer Interferometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	19
27	A Glimpse of Ocean Color Remote Sensing From Moon-Based Earth Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-11.	6.3	2
28	Rapid Inspection of Large Concrete Floor Flatness Using Wheeled Robot with Aided-INS. <i>Remote Sensing</i> , 2022, 14, 1528.	4.0	1
29	An Indoor 3-D Quadrotor Localization Algorithm Based on WiFi RTT and MEMS Sensors. <i>IEEE Internet of Things Journal</i> , 2022, 9, 20879-20888.	8.7	1
30	Smartphone-based road manhole cover detection and classification. <i>Automation in Construction</i> , 2022, 140, 104344.	9.8	16
31	Multiattention Generative Adversarial Network for Remote Sensing Image Super-Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	6.3	27
32	Variability of Marine Particle Size Distributions and the Correlations with Inherent Optical Properties in the Coastal Waters of the Northern South China Sea. <i>Remote Sensing</i> , 2022, 14, 2881.	4.0	2
33	Tourism Geography through the Lens of Time Use: A Computational Framework Using Fine-Grained Mobile Phone Data. <i>Annals of the American Association of Geographers</i> , 2021, 111, 1420-1444.	2.2	11
34	Geographical and temporal huff model calibration using taxi trajectory data. <i>Geoinformatica</i> , 2021, 25, 485-512.	2.7	4
35	Real-Time Route Recommendations for E-Taxis Leveraging GPS Trajectories. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 3133-3142.	11.3	13
36	Scale Effect on Fusing Remote Sensing and Human Sensing to Portray Urban Functions. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 38-42.	3.1	16

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37	A Bayesian spatio-temporal model to analyzing the stability of patterns of population distribution in an urban space using mobile phone data. <i>International Journal of Geographical Information Science</i> , 2021, 35, 116-134.	4.8	11
38	Understanding Ridesourcing Mobility and the Future of Electrification: A Comparative Study in Beijing. <i>Journal of Urban Technology</i> , 2021, 28, 217-236.	4.7	2
39	Dual context prior and refined prediction for semantic segmentation. <i>Geo-Spatial Information Science</i> , 2021, 24, 228-240.	5.3	2
40	A Lightweight Convolutional Neural Network for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 4150-4163.	6.3	42
41	Volunteered remote sensing data generation with air passengers as sensors. <i>International Journal of Digital Earth</i> , 2021, 14, 158-180.	3.9	7
42	User-Generated Content and Its Applications in Urban Studies. <i>Urban Book Series</i> , 2021, , 523-539.	0.6	0
43	Hyperspectral Anomaly Detection via Deep Plug-and-Play Denoising CNN Regularization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 9553-9568.	6.3	62
44	Relative geometry-aware siamese neural network for 6DOF camera relocalization. <i>Neurocomputing</i> , 2021, 426, 134-146.	5.9	13
45	Time-Series Analysis on Persistent Scatter-Interferometric Synthetic Aperture Radar (PS-InSAR) Derived Displacements of the Hong Kongâ€“Zhuhaiâ€“Macao Bridge (HZMB) from Sentinel-1A Observations. <i>Remote Sensing</i> , 2021, 13, 546.	4.0	29
46	A heterogeneous key performance indicator metadata model for air quality monitoring in sustainable cities. <i>Environmental Modelling and Software</i> , 2021, 136, 104955.	4.5	2
47	Resolving urban mobility networks from individual travel graphs using massive-scale mobile phone tracking data. <i>Cities</i> , 2021, 110, 103077.	5.6	30
48	Kalman Filter-Based Data Fusion of Wi-Fi RTT and PDR for Indoor Localization. <i>IEEE Sensors Journal</i> , 2021, 21, 8479-8490.	4.7	60
49	Modeling the Distribution of Human Mobility Metrics with Online Car-Hailing Dataâ€“An Empirical Study in Xiâ€™an, China. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 268.	2.9	4
50	Errors of Airborne Bathymetry LiDAR Detection Caused by Ocean Waves and Dimension-Based Laser Incidence Correction. <i>Remote Sensing</i> , 2021, 13, 1750.	4.0	13
51	Improving satellite retrieval of oceanic particulate organic carbon concentrations using machine learning methods. <i>Remote Sensing of Environment</i> , 2021, 256, 112316.	11.0	49
52	Spherically Optimized RANSAC Aided by an IMU for Fisheye Image Matching. <i>Remote Sensing</i> , 2021, 13, 2017.	4.0	7
53	A Pedestrian Network Construction System Based on Crowdsourced Walking Trajectories. <i>IEEE Internet of Things Journal</i> , 2021, 8, 7203-7213.	8.7	12
54	Segregation or integration? Exploring activity disparities between migrants and settled urban residents using human mobility data. <i>Transactions in GIS</i> , 2021, 25, 2791-2820.	2.3	13

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55	Exploring Temporal Intra-Urban Travel Patterns: An Online Car-Hailing Trajectory Data Perspective. <i>Remote Sensing</i> , 2021, 13, 1825.	4.0	0
56	Estimating ultraviolet reflectance from visible bands in ocean colour remote sensing. <i>Remote Sensing of Environment</i> , 2021, 258, 112404.	11.0	12
57	Evolution of Frequency and Intensity of Concurrent Heavy Precipitation and Storm Surge at the Global Scale: Implications for Compound Floods. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	8
58	Crowdsourcing-based indoor mapping using smartphones: A survey. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 177, 131-146.	11.1	33
59	A global North-South division line for portraying urban development. <i>IScience</i> , 2021, 24, 102729.	4.1	17
60	A LiDAR/Visual SLAM Backend with Loop Closure Detection and Graph Optimization. <i>Remote Sensing</i> , 2021, 13, 2720.	4.0	33
61	Use of Multiplatform SAR Imagery in Mining Deformation Monitoring with Dense Vegetation Coverage: A Case Study in the Fengfeng Mining Area, China. <i>Remote Sensing</i> , 2021, 13, 3091.	4.0	10
62	Comparing hillside urbanizations of Beijing-Tianjin-Hebei, Yangtze River Delta and Guangdong-Hong Kong-Macau greater Bay area urban agglomerations in China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102460.	2.8	10
63	A structure knowledge-synthetic aperture radar interferometry integration method for high-precision deformation monitoring and risk identification of sea-crossing bridges. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 103, 102476.	2.8	12
64	Use of a multiscalar GRACE-based standardized terrestrial water storage index for assessing global hydrological droughts. <i>Journal of Hydrology</i> , 2021, 603, 126871.	5.4	18
65	Flexible Gabor-Based Superpixel-Level Unsupervised LDA for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 10394-10409.	6.3	24
66	Rapid Urbanization Induced Extensive Forest Loss to Urban Land in the Guangdong-Hong Kong-Macao Greater Bay Area, China. <i>Chinese Geographical Science</i> , 2021, 31, 93-108.	3.0	28
67	Dynamic earth observation based on an urban skyline: A new remote sensing approach for urban emergency response. <i>Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica</i> , 2021, 51, 78-88.	0.5	0
68	Scale-sets image classification with hierarchical sample enriching and automatic scale selection. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 105, 102605.	2.8	4
69	Collaboratively inspect large-area sewer pipe networks using pipe robotic capsules. , 2021, , .		1
70	SMART-IMPALA: Efficient Querying of hyper Massive Spatiotemporal Trajectory Data. , 2021, , .		2
71	A Four-Step Method for Estimating Suspended Particle Size Based on In Situ Comprehensive Observations in the Pearl River Estuary in China. <i>Remote Sensing</i> , 2021, 13, 5172.	4.0	5
72	Enhancing remote sensing image retrieval using a triplet deep metric learning network. <i>International Journal of Remote Sensing</i> , 2020, 41, 740-751.	2.9	63

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73	Cascade Superpixel Regularized Gabor Feature Fusion for Hyperspectral Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1638-1652.	11.3	46
74	Extracting activity patterns from taxi trajectory data: a two-layer framework using spatio-temporal clustering, Bayesian probability and Monte Carlo simulation. International Journal of Geographical Information Science, 2020, 34, 1210-1234.	4.8	24
75	OCD: Online Crowdsourced Delivery for On-Demand Food. IEEE Internet of Things Journal, 2020, 7, 6842-6854.	8.7	32
76	Portraying the spatial dynamics of urban vibrancy using multisource urban big data. Computers, Environment and Urban Systems, 2020, 80, 101428.	7.1	113
77	Object-based multi-modal convolution neural networks for building extraction using panchromatic and multispectral imagery. Neurocomputing, 2020, 386, 136-146.	5.9	15
78	Thick Clouds Removal From Multitemporal ZY-3 Satellite Images Using Deep Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 143-153.	4.9	33
79	Pedestrian network generation based on crowdsourced tracking data. International Journal of Geographical Information Science, 2020, 34, 1051-1074.	4.8	17
80	A global and local feature weighted method for ancient murals inpainting. International Journal of Machine Learning and Cybernetics, 2020, 11, 1197-1216.	3.6	7
81	Effects of human mobility restrictions on the spread of COVID-19 in Shenzhen, China: a modelling study using mobile phone data. The Lancet Digital Health, 2020, 2, e417-e424.	12.3	233
82	Eight-Diagram Based Access Point Selection Algorithm for Indoor Localization. IEEE Transactions on Vehicular Technology, 2020, 69, 13196-13205.	6.3	6
83	Exploring Annual Urban Expansions in the Guangdong-Hong Kong-Macau Greater Bay Area: Spatiotemporal Features and Driving Factors in 1986-2017. Remote Sensing, 2020, 12, 2615.	4.0	39
84	A novel water body extraction neural network (WBE-NN) for optical high-resolution multispectral imagery. Journal of Hydrology, 2020, 588, 125092.	5.4	39
85	Continuous Indoor Visual Localization Using a Spatial Model and Constraint. IEEE Access, 2020, 8, 69800-69815.	4.2	8
86	Understanding urban hospital bypass behaviour based on big trace data. Cities, 2020, 103, 102739.	5.6	7
87	Greater flood risks in response to slowdown of tropical cyclones over the coast of China. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14751-14755.	7.1	67
88	Deep learning-based remote and social sensing data fusion for urban region function recognition. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 163, 82-97.	11.1	105
89	A Novel Access Point Placement Method for WiFi Fingerprinting Considering Existing APs. IEEE Wireless Communications Letters, 2020, 9, 1799-1802.	5.0	12
90	Deep Learning-Based Gait Recognition Using Smartphones in the Wild. IEEE Transactions on Information Forensics and Security, 2020, 15, 3197-3212.	6.9	149

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91	CMFALL: A Cascade and Parallel Multi-State Fall Detection Algorithm Using Waist-Mounted Tri-Axial Accelerometer Signals. IEEE Transactions on Consumer Electronics, 2020, 66, 261-270.	3.6	14
92	Sewer Pipeline Fault Identification Using Anomaly Detection Algorithms on Video Sequences. IEEE Access, 2020, 8, 39574-39586.	4.2	24
93	Interactive, Multiscale Urban-Traffic Pattern Exploration Leveraging Massive GPS Trajectories. Sensors, 2020, 20, 1084.	3.8	9
94	3D map-guided single indoor image localization refinement. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 13-26.	11.1	13
95	Cloud and Cloud Shadow Detection Based on Multiscale 3D-CNN for High Resolution Multispectral Imagery. IEEE Access, 2020, 8, 16505-16516.	4.2	14
96	Location and 3-D Visual Awareness-Based Dynamic Texture Updating for Indoor 3-D Model. IEEE Internet of Things Journal, 2020, 7, 7612-7624.	8.7	9
97	Rapid urbanization and policy variation greatly drive ecological quality evolution in Guangdong-Hong Kong-Macau Greater Bay Area of China: A remote sensing perspective. Ecological Indicators, 2020, 115, 106373.	6.3	94
98	Unfolding the City: Spatial Preference Based on Individual Demographic Characteristics. IEEE Access, 2020, 8, 43455-43465.	4.2	0
99	An Efficient Access Model of Massive Spatiotemporal Vehicle Trajectory Data in Smart City. IEEE Access, 2020, 8, 52452-52465.	4.2	11
100	Spatiotemporal characteristics of land degradation in the Fuxian Lake Basin, China: Past and future. Land Degradation and Development, 2020, 31, 2446-2460.	3.9	13
101	External Deformation Monitoring and Improved Partial Least Squares Data Analysis Methods of High Core Rock-Fill Dam (HCRFD). Sensors, 2020, 20, 444.	3.8	8
102	Uncovering Online Sharing Vehicle Mobility Patterns from Massive GPS Trajectories. Human Dynamics in Smart Cities, 2020, , 413-429.	0.2	1
103	A Prediction Precision Inference Method for Passenger Alighting Station Based on the Condition Hypothesis. Lecture Notes in Electrical Engineering, 2020, , 1049-1064.	0.4	0
104	Characterizing preferred motif choices and distance impacts. PLoS ONE, 2019, 14, e0215242.	2.5	16
105	A Personal Location Prediction Method to Solve the Problem of Sparse Trajectory Data. , 2019, , .		3
106	A Novel Bus-Dispatching Model Based on Passenger Flow and Arrival Time Prediction. IEEE Access, 2019, 7, 106453-106465.	4.2	33
107	Functional urban land use recognition integrating multi-source geospatial data and cross-correlations. Computers, Environment and Urban Systems, 2019, 78, 101374.	7.1	77
108	A Peak Traffic Congestion Prediction Method Based on Bus Driving Time. Entropy, 2019, 21, 709.	2.2	29

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109	Emergency Response Using Volunteered Passenger Aircraft Remote Sensing Data: A Case Study on Flood Damage Mapping. <i>Sensors</i> , 2019, 19, 4163.	3.8	6
110	Evaluating the effectiveness of the pollutant discharge permit program in China: A case study of the Nenjiang River Basin. <i>Journal of Environmental Management</i> , 2019, 251, 109501.	7.8	14
111	A Personal Location Prediction Method Based on Individual Trajectory and Group Trajectory. <i>IEEE Access</i> , 2019, 7, 92850-92860.	4.2	18
112	Urban commuting dynamics in response to public transit upgrades: A big data approach. <i>PLoS ONE</i> , 2019, 14, e0223650.	2.5	14
113	Detecting Spatiotemporal Features and Rationalities of Urban Expansions within the Guangdong-Hong Kong-Macau Greater Bay Area of China from 1987 to 2017 Using Time-Series Landsat Images and Socioeconomic Data. <i>Remote Sensing</i> , 2019, 11, 2215.	4.0	33
114	A Correction Model for the Continuous Deflection Measurement of Pavements Under Dynamic Loads. <i>IEEE Access</i> , 2019, 7, 154770-154785.	4.2	8
115	Structural 3D Reconstruction of Indoor Space for 5G Signal Simulation with Mobile Laser Scanning Point Clouds. <i>Remote Sensing</i> , 2019, 11, 2262.	4.0	18
116	Inpainting of Dunhuang Murals by Sparsely Modeling the Texture Similarity and Structure Continuity. <i>Journal on Computing and Cultural Heritage</i> , 2019, 12, 1-21.	2.1	10
117	Activity Modelling Using Journey Pairing of Taxi Trajectory Data. , 2019, , .		3
118	An Effective Method for Submarine Buried Pipeline Detection via Multi-Sensor Data Fusion. <i>IEEE Access</i> , 2019, 7, 125300-125309.	4.2	23
119	An Accurate Visual-Inertial Integrated Geo-Tagging Method for Crowdsourcing-Based Indoor Localization. <i>Remote Sensing</i> , 2019, 11, 1912.	4.0	5
120	Mapping invasive plant with UAV-derived 3D mesh model in mountain area—a case study in Shenzhen Coast, China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 77, 129-139.	2.8	28
121	An Improved Ball Pivot Algorithm-Based Ground Filtering Mechanism for LiDAR Data. <i>Remote Sensing</i> , 2019, 11, 1179.	4.0	13
122	Automatic 3-D Reconstruction of Indoor Environment With Mobile Laser Scanning Point Clouds. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 3117-3130.	4.9	49
123	Acceptability, energy consumption, and costs of electric vehicle for ride-hailing drivers in Beijing. <i>Applied Energy</i> , 2019, 250, 147-160.	10.1	59
124	Simulating and forecasting spatio-temporal characteristic of land-use/cover change with numerical model and remote sensing: a case study in Fuxian Lake Basin, China. <i>European Journal of Remote Sensing</i> , 2019, 52, 374-384.	3.5	18
125	Determining switching threshold for NIR-SWIR combined atmospheric correction algorithm of ocean color remote sensing. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 153, 59-73.	11.1	25
126	Indoor Topological Localization Using a Visual Landmark Sequence. <i>Remote Sensing</i> , 2019, 11, 73.	4.0	15

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127	Spatiotemporal evolution of urban agglomerations in four major bay areas of US, China and Japan from 1987 to 2017: Evidence from remote sensing images. <i>Science of the Total Environment</i> , 2019, 671, 232-247.	8.0	80
128	Modeling of Structure Landmark for Indoor Pedestrian Localization. <i>IEEE Access</i> , 2019, 7, 15654-15668.	4.2	26
129	Smartphone-Based Activity Recognition for Indoor Localization Using a Convolutional Neural Network. <i>Sensors</i> , 2019, 19, 621.	3.8	53
130	Elderly Fall Detection with an Accelerometer Using Lightweight Neural Networks. <i>Electronics (Switzerland)</i> , 2019, 8, 1354.	3.1	28
131	A Passenger Satisfaction Prediction Method Based on Driving Time. , 2019, , .		0
132	Visual analytics of aftershock point cloud data in complex fault systems. <i>Solid Earth</i> , 2019, 10, 1397-1407.	2.8	5
133	Fall Detection with Neural Networks. , 2019, , .		2
134	STIETR. , 2019, , .		2
135	Deep Learning with Spatial Constraint for Tunnel Crack Detection. , 2019, , .		4
136	Retrieval of Near-Shore Bathymetry From Multispectral Satellite Images Using Generalized Additive Models. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 922-926.	3.1	8
137	A method of establishing an instantaneous water level model for tide correction. <i>Ocean Engineering</i> , 2019, 171, 324-331.	4.3	21
138	A simple and direct method to analyse the influences of sampling fractions on modelling intra-city human mobility. <i>International Journal of Geographical Information Science</i> , 2019, 33, 618-644.	4.8	13
139	A random forest classifier based on pixel comparison features for urban LiDAR data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 148, 75-86.	11.1	45
140	DeepCrack: Learning Hierarchical Convolutional Features for Crack Detection. <i>IEEE Transactions on Image Processing</i> , 2019, 28, 1498-1512.	9.8	489
141	Revisiting effectiveness of turbidity index for the switching scheme of NIR-SWIR combined ocean color atmospheric correction algorithm. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 76, 1-9.	2.8	9
142	Traffic congestion analysis at the turn level using Taxis' GPS trajectory data. <i>Computers, Environment and Urban Systems</i> , 2019, 74, 229-243.	7.1	91
143	Learning Spatial-Aware Cross-View Embeddings for Ground-to-Aerial Geolocalization. <i>Lecture Notes in Computer Science</i> , 2019, , 57-67.	1.3	2
144	Uncovering the Relationships Between Phone Communication Activities and Spatiotemporal Distribution of Mobile Phone Users. <i>Human Dynamics in Smart Cities</i> , 2018, , 41-65.	0.2	5

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145	Understanding the Impacts of Human Mobility on Accessibility Using Massive Mobile Phone Tracking Data. <i>Annals of the American Association of Geographers</i> , 2018, 108, 1115-1133.	2.2	49
146	Exploring changes in the spatial distribution of the low-to-moderate income group using transit smart card data. <i>Computers, Environment and Urban Systems</i> , 2018, 72, 68-77.	7.1	36
147	Spatial variations in urban public ridership derived from GPS trajectories and smart card data. <i>Journal of Transport Geography</i> , 2018, 69, 45-57.	5.0	146
148	Proximal and remote sensing techniques for mapping of soil contamination with heavy metals. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 783-805.	6.7	51
149	Multiple 3-D Feature Fusion Framework for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 1873-1886.	6.3	40
150	Local Binary Pattern-Based Hyperspectral Image Classification With Superpixel Guidance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 749-759.	6.3	67
151	A spatial econometric modeling of online social interactions using microblogs. <i>Computers, Environment and Urban Systems</i> , 2018, 70, 53-58.	7.1	23
152	Generating lane-based intersection maps from crowdsourcing big trace data. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 89, 168-187.	7.6	42
153	Toward space-time buffering for spatiotemporal proximity analysis of movement data. <i>International Journal of Geographical Information Science</i> , 2018, 32, 1211-1246.	4.8	16
154	A 3-D Gabor Phase-Based Coding and Matching Framework for Hyperspectral Imagery Classification. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1176-1188.	9.5	84
155	Robust Gait Recognition by Integrating Inertial and RGBD Sensors. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1136-1150.	9.5	77
156	Robust Lane-Detection Method for Low-Speed Environments. <i>Sensors</i> , 2018, 18, 4274.	3.8	23
157	Urban Traffic Density Estimation Based on Ultrahigh-Resolution UAV Video and Deep Neural Network. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4968-4981.	4.9	75
158	Integrating Aerial and Street View Images for Urban Land Use Classification. <i>Remote Sensing</i> , 2018, 10, 1553.	4.0	97
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