Chen Wu

List of Publications by Year
in descending order

46 papers	2,088 citations	279798 23 h-index	361022 35 g-index
47 all docs	47 docs citations	47 times ranked	1475 citing authors

#	ARTICLE	IF	CITATIONS
1	Deriving reservoir operating rules considering ecological demands of multiple stations. Water Management, 2023, 176, 247-260.	1.2	3
2	Unsupervised Change Detection in Multitemporal VHR Images Based on Deep Kernel PCA Convolutional Mapping Network. IEEE Transactions on Cybernetics, 2022, 52, 12084-12098.	9.5	58
3	WH-MAVS: A Novel Dataset and Deep Learning Benchmark for Multiple Land Use and Land Cover Applications. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1575-1590.	4.9	5
4	Fine-Grained Classification of Urban Functional Zones and Landscape Pattern Analysis Using Hyperspectral Satellite Imagery: A Case Study of Wuhan. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3972-3991.	4.9	16
5	Density Map-based vehicle counting in remote sensing images with limited resolution. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 189, 201-217.	11.1	9
6	HRSiam: High-Resolution Siamese Network, Towards Space-Borne Satellite Video Tracking. IEEE Transactions on Image Processing, 2021, 30, 3056-3068.	9.8	45
7	Hyperspectral Anomaly Change Detection Based on Autoencoder. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3750-3762.	4.9	35
8	An investigation of traffic density changes inside Wuhan during the COVID-19 epidemic with GF-2 time-series images. International Journal of Applied Earth Observation and Geoinformation, 2021, 103, 102503.	2.8	13
9	Enhanced Multiscale Feature Fusion Network for HSI Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10328-10347.	6.3	32
10	Multi-Temporal Scene Classification and Scene Change Detection With Correlation Based Fusion. IEEE Transactions on Image Processing, 2021, 30, 1382-1394.	9.8	44
11	Traffic Density Reduction Caused by City Lockdowns Across the World During the COVID-19 Epidemic: From the View of High-Resolution Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5180-5193.	4.9	8
12	Automatically Adjustable Multi-Scale Feature Extraction Framework for Hyperspectral Image Classification. , 2021, , .		4
13	Change Detection in Multisource VHR Images via Deep Siamese Convolutional Multiple-Layers Recurrent Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2848-2864.	6.3	194
14	Can We Track Targets From Space? A Hybrid Kernel Correlation Filter Tracker for Satellite Video. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8719-8731.	6.3	46
15	Deep Siamese Multi-scale Convolutional Network for Change Detection in Multi-temporal VHR Images. , 2019, , .		40
16	PASiam: Predicting Attention Inspired Siamese Network, for Space-Borne Satellite Video Tracking. , 2019, , .		15
17	Unsupervised Deep Slow Feature Analysis for Change Detection in Multi-Temporal Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9976-9992.	6.3	218
18	Object Tracking in Satellite Videos Based on a Multiframe Optical Flow Tracker. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3043-3055.	4.9	57

#	Article	IF	Citations
19	Tracking Objects From Satellite Videos: A Velocity Feature Based Correlation Filter. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7860-7871.	6.3	62
20	Estimating Eddy Dissipation Rate with QAR Flight Big Data. Applied Sciences (Switzerland), 2019, 9, 5192.	2.5	18
21	Scene Change Detection VIA Deep Convolution Canonical Correlation Analysis Neural Network. , 2019, , .		10
22	Deep Canonical Correlation Analysis Network for Scene Change Detection of Multi-Temporal VHR Imagery. , 2019, , .		4
23	A Study for Hyperspectral Anomaly Change Detection on â€œViareggio 2013 Trialâ€•Dataset. , 2019, , .		3
24	Object Tracking in Satellite Videos by Fusing the Kernel Correlation Filter and the Three-Frame-Difference Algorithm. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 168-172.	3.1	86
25	GITMâ€Data Comparisons of the Depletion and Enhancement During the 2017 Solar Eclipse. Geophysical Research Letters, 2018, 45, 3319-3327.	4.0	28
26	Multi-Class Active Learning by Integrating Uncertainty and Diversity. IEEE Access, 2018, 6, 22794-22803.	4.2	10
27	Unsupervised Scene Change Detection via Latent Dirichlet Allocation and Multivariate Alteration Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4676-4689.	4.9	35
28	VCF: Velocity Correlation Filter, Towards Space-Borne Satellite Video Tracking. , 2018, , .		7
29	Detecting and Analyzing Flight Unstable Approaches with QAR Big Data. , 2018, , .		4
30	An Improved Method for Impervious Surface Mapping Incorporating LiDAR Data and High-Resolution Imagery at Different Acquisition Times. Remote Sensing, 2018, 10, 1349.	4.0	17
31	Hyperspectral anomalous change detection based on joint sparse representation. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 146, 137-150.	11.1	45
32	Urban Change Detection Based on Dempsterâ€"Shafer Theory for Multitemporal Very High-Resolution Imagery. Remote Sensing, 2018, 10, 980.	4.0	85
33	Kernel Slow Feature Analysis for Scene Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2367-2384.	6.3	99
34	Real-time tracking based on weighted compressive tracking and a cognitive memory model. Signal Processing, 2017, 139, 173-181.	3.7	10
35	A post-classification change detection method based on iterative slow feature analysis and Bayesian soft fusion. Remote Sensing of Environment, 2017, 199, 241-255.	11.0	178
36	A NoSQLâ€"SQL Hybrid Organization and Management Approach for Real-Time Geospatial Data: A Case Study of Public Security Video Surveillance. ISPRS International Journal of Geo-Information, 2017, 6, 21.	2.9	27

#	Article	IF	Citations
37	An event-driven dynamic updating method for 3D geo-databases. Geo-Spatial Information Science, 2016, 19, 140-147.	5.3	13
38	A scene change detection framework for multi-temporal very high resolution remote sensing images. Signal Processing, 2016, 124, 184-197.	3.7	75
39	Virtual reality GIS and cloud service based traffic analysis platform. , 2015, , .		3
40	A real-time geo-processing database engine linking calculations and storage for VGE. Annals of GIS, 2015, 21, 265-274.	3.1	2
41	Hyperspectral anomaly change detection with slow feature analysis. Neurocomputing, 2015, 151, 175-187.	5.9	26
42	Slow Feature Analysis for Change Detection in Multispectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2858-2874.	6.3	226
43	Automatic Radiometric Normalization for Multitemporal Remote Sensing Imagery With Iterative Slow Feature Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6141-6155.	6.3	54
44	A Subspace-Based Change Detection Method for Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 815-830.	4.9	108
45	An Automatic Relative Radiometric Correction Method Based on Slow Feature Analysis. , 2013, , .		1
46	Targeted change detection for stacked multi-temporal hyperspectral image. , 2012, , .		6