

Chen Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/699294/publications.pdf>

Version: 2024-02-01

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	Slow Feature Analysis for Change Detection in Multispectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2858-2874.	6.3	226
2	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
3	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
4	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
5	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
6	Kernel Slow Feature Analysis for Scene Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2367-2384.	6.3	99
7	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
8	Urban Change Detection Based on Dempster-Shafer Theory for Multitemporal Very High-Resolution Imagery. Remote Sensing, 2018, 10, 980.	4.0	85
9	A scene change detection framework for multi-temporal very high resolution remote sensing images. Signal Processing, 2016, 124, 184-197.	3.7	75
10	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
11	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
12	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
13	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
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	Hyperspectral anomalous change detection based on joint sparse representation. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 146, 137-150.	11.1	45
16	HRSiam: High-Resolution Siamese Network, Towards Space-Borne Satellite Video Tracking. IEEE Transactions on Image Processing, 2021, 30, 3056-3068.	9.8	45
17	Multi-Temporal Scene Classification and Scene Change Detection With Correlation Based Fusion. IEEE Transactions on Image Processing, 2021, 30, 1382-1394.	9.8	44
18	Deep Siamese Multi-scale Convolutional Network for Change Detection in Multi-temporal VHR Images. , 2019, , .		40

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Enhanced Multiscale Feature Fusion Network for HSI Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10328-10347.	6.3	32
22	GITMâ€œData Comparisons of the Depletion and Enhancement During the 2017 Solar Eclipse. Geophysical Research Letters, 2018, 45, 3319-3327.	4.0	28
23	A NoSQLâ€œSQL 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
24	Hyperspectral anomaly change detection with slow feature analysis. Neurocomputing, 2015, 151, 175-187.	5.9	26
25	Estimating Eddy Dissipation Rate with QAR Flight Big Data. Applied Sciences (Switzerland), 2019, 9, 5192.	2.5	18
26	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
27	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
28	PASiam: Predicting Attention Inspired Siamese Network, for Space-Borne Satellite Video Tracking. , 2019, , .		15
29	An event-driven dynamic updating method for 3D geo-databases. Geo-Spatial Information Science, 2016, 19, 140-147.	5.3	13
30	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
31	Real-time tracking based on weighted compressive tracking and a cognitive memory model. Signal Processing, 2017, 139, 173-181.	3.7	10
32	Multi-Class Active Learning by Integrating Uncertainty and Diversity. IEEE Access, 2018, 6, 22794-22803.	4.2	10
33	Scene Change Detection VIA Deep Convolution Canonical Correlation Analysis Neural Network. , 2019, , .		10
34	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
35	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
36	VCF: Velocity Correlation Filter, Towards Space-Borne Satellite Video Tracking. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
37	Targeted change detection for stacked multi-temporal hyperspectral image. , 2012, , .		6
38	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
39	Detecting and Analyzing Flight Unstable Approaches with QAR Big Data. , 2018, , .		4
40	Deep Canonical Correlation Analysis Network for Scene Change Detection of Multi-Temporal VHR Imagery. , 2019, , .		4
41	Automatically Adjustable Multi-Scale Feature Extraction Framework for Hyperspectral Image Classification. , 2021, , .		4
42	Virtual reality GIS and cloud service based traffic analysis platform. , 2015, , .		3
43	A Study for Hyperspectral Anomaly Change Detection on "Viareggio 2013 Trial" Dataset. , 2019, , .		3
44	Deriving reservoir operating rules considering ecological demands of multiple stations. Water Management, 2023, 176, 247-260.	1.2	3
45	A real-time geo-processing database engine linking calculations and storage for VGE. Annals of GIS, 2015, 21, 265-274.	3.1	2
46	An Automatic Relative Radiometric Correction Method Based on Slow Feature Analysis. , 2013, , .		1