

# Chu He

## List of Publications by Year in descending order

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28  
papers

415  
citations

759055

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all docs

28  
docs citations

28  
times ranked

421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Texture Classification of PolSAR Data Based on Sparse Coding of Wavelet Polarization Textons. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 4576-4590.	2.7	81
2	Remote Sensing Image Semantic Segmentation Based on Edge Information Guidance. Remote Sensing, 2020, 12, 1501.	1.8	48
3	Image Enhancement Driven by Object Characteristics and Dense Feature Reuse Network for Ship Target Detection in Remote Sensing Imagery. Remote Sensing, 2021, 13, 1327.	1.8	33
4	A Hierarchical Fully Convolutional Network Integrated with Sparse and Low-Rank Subspace Representations for PolSAR Imagery Classification. Remote Sensing, 2018, 10, 342.	1.8	30
5	A Component-Based Multi-Layer Parallel Network for Airplane Detection in SAR Imagery. Remote Sensing, 2018, 10, 1016.	1.8	29
6	Few-Shot Object Detection on Remote Sensing Images via Shared Attention Module and Balanced Fine-Tuning Strategy. Remote Sensing, 2021, 13, 3816.	1.8	21
7	Nonlinear Compressed Sensing-Based LDA Topic Model for Polarimetric SAR Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 972-982.	2.3	19
8	Statistical Convolutional Neural Network for Land-Cover Classification From SAR Images. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1548-1552.	1.4	17
9	An End-To-End Bayesian Segmentation Network Based on a Generative Adversarial Network for Remote Sensing Images. Remote Sensing, 2020, 12, 216.	1.8	16
10	Adaptive Component Selection-Based Discriminative Model for Object Detection in High-Resolution SAR Imagery. ISPRS International Journal of Geo-Information, 2018, 7, 72.	1.4	15
11	An End-to-End Conditional Random Fields and Skip-Connected Generative Adversarial Segmentation Network for Remote Sensing Images. Remote Sensing, 2019, 11, 1604.	1.8	15
12	Nonlinear Manifold Learning Integrated with Fully Convolutional Networks for PolSAR Image Classification. Remote Sensing, 2020, 12, 655.	1.8	15
13	Parallel Connected Generative Adversarial Network with Quadratic Operation for SAR Image Generation and Application for Classification. Sensors, 2019, 19, 871.	2.1	10
14	Fully Convolutional Networks and a Manifold Graph Embedding-Based Algorithm for PolSAR Image Classification. Remote Sensing, 2020, 12, 1467.	1.8	10
15	Hierarchical Terrain Classification Based on Multilayer Bayesian Network and Conditional Random Field. Remote Sensing, 2017, 9, 96.	1.8	9
16	Lifting Scheme-Based Deep Neural Network for Remote Sensing Scene Classification. Remote Sensing, 2019, 11, 2648.	1.8	9
17	A Point Pattern Chamfer Registration of Optical and SAR Images Based on Mesh Grids. Remote Sensing, 2018, 10, 1837.	1.8	7
18	Remote Sensing and Texture Image Classification Network Based on Deep Learning Integrated with Binary Coding and Sinkhorn Distance. Remote Sensing, 2019, 11, 2870.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Relationship Prior and Adaptive Knowledge Mimic Based Compressed Deep Network for Aerial Scene Classification. IEEE Access, 2019, 7, 137080-137089.	2.6	4
20	Oriented Ship Detector for Remote Sensing Imagery Based on Pairwise Branch Detection Head and SAR Feature Enhancement. Remote Sensing, 2022, 14, 2177.	1.8	4
21	Pattern Statistics Network for Classification of High-Resolution SAR Images. Remote Sensing, 2019, 11, 1942.	1.8	3
22	Statistics Learning Network Based on the Quadratic Form for SAR Image Classification. Remote Sensing, 2019, 11, 282.	1.8	3
23	Lifting Based Object Detection Networks of Remote Sensing Imagery for FPGA Accelerator. IEEE Access, 2020, 8, 200430-200439.	2.6	3
24	An Anchor-Free Method Based on Adaptive Feature Encoding and Gaussian-Guided Sampling Optimization for Ship Detection in SAR Imagery. Remote Sensing, 2022, 14, 1738.	1.8	3
25	Lifting Scheme-Based Sparse Density Feature Extraction for Remote Sensing Target Detection. Remote Sensing, 2021, 13, 1862.	1.8	2
26	Knowledge Distillation of Grassmann Manifold Network for Remote Sensing Scene Classification. Remote Sensing, 2021, 13, 4537.	1.8	2
27	A statistical distribution texton feature for synthetic aperture radar image classification. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1614-1623.	1.5	1
28	Edge Prior Multilayer Segmentation Network Based on Bayesian Framework. Journal of Sensors, 2020, 2020, 1-11.	0.6	1