

# Zhengxia Zou

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,248  
citations

567281

15  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ship Detection in Spaceborne Optical Image With SVD Networks. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5832-5845.	6.3	215
2	Random Access Memories: A New Paradigm for Target Detection in High Resolution Aerial Remote Sensing Images. IEEE Transactions on Image Processing, 2018, 27, 1100-1111.	9.8	151
3	Can a Machine Generate Humanlike Language Descriptions for a Remote Sensing Image?. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3623-3634.	6.3	139
4	Hierarchical Suppression Method for Hyperspectral Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 330-342.	6.3	114
5	Coupled Adversarial Training for Remote Sensing Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3633-3643.	6.3	87
6	Ensemble-Based Cascaded Constrained Energy Minimization for Hyperspectral Target Detection. Remote Sensing, 2019, 11, 1310.	4.0	72
7	Maritime Semantic Labeling of Optical Remote Sensing Images with Multi-Scale Fully Convolutional Network. Remote Sensing, 2017, 9, 480.	4.0	65
8	Building Extraction from Remote Sensing Images with Sparse Token Transformers. Remote Sensing, 2021, 13, 4441.	4.0	56
9	Automatic Raft Labeling for Remote Sensing Images via Dual-Scale Homogeneous Convolutional Neural Network. Remote Sensing, 2018, 10, 1130.	4.0	42
10	Multi-Grained Attention Networks for Single Image Super-Resolution. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 512-522.	8.3	42
11	Stylized Neural Painting. , 2021, , .		40
12	Local Attention Networks for Occluded Airplane Detection in Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 381-385.	3.1	33
13	A geographic information-driven method and a new large scale dataset for remote sensing cloud/snow detection. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 174, 87-104.	11.1	33
14	Deep Matting for Cloud Detection in Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8490-8502.	6.3	29
15	Multi-resolution networks for ship detection in infrared remote sensing images. Infrared Physics and Technology, 2018, 92, 183-189.	2.9	24
16	High-Resolution Remote Sensing Image Captioning Based on Structured Attention. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	22
17	Do Game Data Generalize Well for Remote Sensing Image Segmentation?. Remote Sensing, 2020, 12, 275.	4.0	16
18	Robust and real-time traffic light recognition based on hierarchical vision architecture. , 2014, , .		12

#	ARTICLE	IF	CITATIONS
19	Adversarial Training for Solving Inverse Problems in Image Processing. IEEE Transactions on Image Processing, 2021, 30, 2513-2525.	9.8	11
20	Quadratic Constrained Energy Minimization for hyperspectral target detection. , 2015, , .		10
21	Design, Implementation, and Evaluation of a Roadside Cooperative Perception System. Transportation Research Record, 2022, 2676, 273-284.	1.9	10
22	A Degraded Reconstruction Enhancement-Based Method for Tiny Ship Detection in Remote Sensing Images With a New Large-Scale Dataset. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	8
23	Dual-Branched Spatio-Temporal Fusion Network for Multihorizon Tropical Cyclone Track Forecast. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3842-3852.	4.9	7
24	Neural Rendering for Game Character Auto-Creation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1489-1502.	13.9	5
25	Physics-Informed Hyperspectral Remote Sensing Image Synthesis With Deep Conditional Generative Adversarial Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	5