

# Zhengxia Zou

## List of Publications by Year in descending order

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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	Neural Rendering for Game Character Auto-Creation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1489-1502.	13.9	5
2	High-Resolution Remote Sensing Image Captioning Based on Structured Attention. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	22
3	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
4	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
5	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
6	Design, Implementation, and Evaluation of a Roadside Cooperative Perception System. Transportation Research Record, 2022, 2676, 273-284.	1.9	10
7	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
8	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
9	Adversarial Training for Solving Inverse Problems in Image Processing. IEEE Transactions on Image Processing, 2021, 30, 2513-2525.	9.8	11
10	Stylized Neural Painting., 2021, , .		40
11	Building Extraction from Remote Sensing Images with Sparse Token Transformers. Remote Sensing, 2021, 13, 4441.	4.0	56
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	Coupled Adversarial Training for Remote Sensing Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3633-3643.	6.3	87
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	Do Game Data Generalize Well for Remote Sensing Image Segmentation?. Remote Sensing, 2020, 12, 275.	4.0	16
16	Ensemble-Based Cascaded Constrained Energy Minimization for Hyperspectral Target Detection. Remote Sensing, 2019, 11, 1310.	4.0	72
17	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
18	Automatic Raft Labeling for Remote Sensing Images via Dual-Scale Homogeneous Convolutional Neural Network. Remote Sensing, 2018, 10, 1130.	4.0	42

#	ARTICLE	IF	CITATIONS
19	Multi-resolution networks for ship detection in infrared remote sensing images. Infrared Physics and Technology, 2018, 92, 183-189.	2.9	24
20	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
21	Maritime Semantic Labeling of Optical Remote Sensing Images with Multi-Scale Fully Convolutional Network. Remote Sensing, 2017, 9, 480.	4.0	65
22	Ship Detection in Spaceborne Optical Image With SVD Networks. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5832-5845.	6.3	215
23	Hierarchical Suppression Method for Hyperspectral Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 330-342.	6.3	114
24	Quadratic Constrained Energy Minimization for hyperspectral target detection. , 2015, , .		10
25	Robust and real-time traffic light recognition based on hierarchical vision architecture. , 2014, , .		12