

# Tiantian Yin

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Improved Deep Learning Scheme for Solving 2-D and 3-D Inverse Scattering Problems. IEEE Transactions on Antennas and Propagation, 2021, 69, 2853-2863.	5.1	33
2	Wavelet Transform Subspace-Based Optimization Method for Inverse Scattering. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2018, 3, 176-184.	2.2	21
3	Non-Iterative Methods Based on Singular Value Decomposition for Inverse Scattering Problems. IEEE Transactions on Antennas and Propagation, 2020, 68, 4764-4773.	5.1	18
4	Electric Flux Density Learning Method for Solving 3-D Electromagnetic Scattering Problems. IEEE Transactions on Antennas and Propagation, 2022, 70, 5144-5155.	5.1	4
5	Learning-Based Subsurface Quantitative Imaging via Near-Field Scanning Microwave Microscopy. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 5008-5018.	4.6	3
6	Learning Approach to FMCW Radar Target Classification With Feature Extraction From Wave Physics. IEEE Transactions on Antennas and Propagation, 2022, 70, 6287-6299.	5.1	2
7	Robust phase retrieval of complex-valued object in phase modulation by hybrid Wirtinger flow method. Optical Engineering, 2017, 56, 1.	1.0	1
8	Investigation of Deep Learning Backbone Influence on 2D Permittivity Reconstruction Performance. , 2021, , .		0