

Zhichao Lin

List of Publications by Year in descending order

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Version: 2024-02-01

11
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citing authors

#	ARTICLE	IF	CITATIONS
1	Physics Embedded Deep Neural Network for Solving Full-Wave Inverse Scattering Problems. IEEE Transactions on Antennas and Propagation, 2022, 70, 6148-6159.	5.1	21
2	A New Approach for Solving Inverse Scattering Problems Based on Physics-informed Supervised Residual Learning. , 2022, , .		2
3	Low-Frequency Data Learning for Solving Highly Nonlinear Inverse Scattering Problems. , 2022, , .		0
4	Low-Frequency Data Prediction With Iterative Learning for Highly Nonlinear Inverse Scattering Problems. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4366-4376.	4.6	27
5	Physics Embedded Iterative Neural Network for Solving Integral Equations. , 2021, , .		1
6	Solving Combined Field Integral Equation With Deep Neural Network for 2-D Conducting Object. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 538-542.	4.0	16
7	Machine Learning in Electromagnetics With Applications to Biomedical Imaging: A Review. IEEE Antennas and Propagation Magazine, 2021, 63, 39-51.	1.4	42
8	Study on Low-Frequency Data Learning for Inverse Scattering Problems with High Nonlinearity. , 2021, , .		0
9	Study on the Degrees of Freedom of Scattered Fields in Nonlinear Inverse Scattering Problems. , 2021, , .		1
10	Neural network-based supervised descent method for 2D electrical impedance tomography. Physiological Measurement, 2020, 41, 074003.	2.1	21
11	Supervised Descent Method Using Neural Networks for 2D Electrical Impedance Tomography. , 2019, , .		1