Zhichao Lin

List of Publications by Year
in descending order

11 papers	132 citations	1684188 5 h-index	2053705 5 g-index
11 all docs	11 docs citations	11 times ranked	76 citing authors

#	Article	IF	Citations
1	Machine Learning in Electromagnetics With Applications to Biomedical Imaging: A Review. IEEE Antennas and Propagation Magazine, 2021, 63, 39-51.	1.4	42
2	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
3	Neural network-based supervised descent method for 2D electrical impedance tomography. Physiological Measurement, 2020, 41, 074003.	2.1	21
4	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
5	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
6	A New Approach for Solving Inverse Scattering Problems Based on Physics-informed Supervised Residual Learning. , 2022, , .		2
7	Supervised Descent Method Using Neural Networks for 2D Electrical Impedance Tomography. , 2019, , .		1
8	Physics Embedded Iterative Neural Network for Solving Integral Equations. , 2021, , .		1
9	Study on the Degrees of Freedom of Scattered Fields in Nonlinear Inverse Scattering Problems. , 2021, , .		1
10	Study on Low-Frequency Data Learning for Inverse Scattering Problems with High Nonlinearity. , 2021, , .		0
11	Low-Frequency Data Learning for Solving Highly Nonlinear Inverse Scattering Problems. , 2022, , .		0