Wei Jiang

List of Publications by Year
in descending order

16 papers	123 citations	1307594 7 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	64 citing authors

#	Article	IF	Citations
1	3-D Numerical Mode Matching Method for Off- Centered Electromagnetic Well Logging Tools in Noncircular Vertical Borehole and Invasion Zones in Multilayered Media. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	5
2	Mixed Finite Element Simulation for Solving Eigenmodes of Cavity Resonators Filled With Both Electric and Magnetic Lossy, Anisotropic Media. IEEE Access, 2022, 10, 48701-48707.	4.2	0
3	3-D NMM Method for Fully Anisotropic and Nonreciprocal Media. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3428-3441.	4.6	2
4	Three Numerical Eigensolvers for 3-D Cavity Resonators Filled With Anisotropic and Nonconductive Media. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4506-4514.	4.6	5
5	Physical DC Modes in the Microwave Resonator With Complex Geometric Topology. IEEE Transactions on Magnetics, 2019, 55, 1-7.	2.1	2
6	Mixed Finite-Element Method for 3-D Closed Cavity Problem With Anisotropic and Lossy Media. IEEE Transactions on Magnetics, 2019, 55, 1-6.	2.1	3
7	Mixed Spectral-Element Method for the Waveguide Problem With Bloch Periodic Boundary Conditions. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1568-1577.	2.2	16
8	Are There the Pure TE and TM Modes in the Closed Waveguide Filled With a Homogeneous, Anisotropic and Lossless Medium?. IEEE Transactions on Antennas and Propagation, 2018, 66, 2439-2448.	5.1	3
9	Mixed Finite-Element Method for the Closed Waveguide Problem Filled With Anisotropic Media. IEEE Transactions on Magnetics, 2018, 54, 1-7.	2.1	3
10	Finite Element Method for Resonant Cavity Problem With Complex Geometrical Structure and Anisotropic Fully Conducting Media. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2240-2248.	4.6	13
11	A Necessary and Sufficient Condition for Having Independent TE and TM Modes in an Anisotropic Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3660-3670.	4.6	4
12	A Two-Grid Vector Discretization Scheme for the Resonant Cavity Problem With Anisotropic Media. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2719-2725.	4.6	15
13	Mixed Finite-Element Method for Resonant Cavity Problem With Complex Geometric Topology and Anisotropic Lossless Media. IEEE Transactions on Magnetics, 2016, 52, 1-8.	2.1	12
14	MIXED FINITE ELEMENT METHOD FOR 2D VECTOR MAXWELL'S EIGENVALUE PROBLEM IN ANISOTROPIC MEDIA. Progress in Electromagnetics Research, 2014, 148, 159-170.	4.4	14
15	Upper spectral bounds and a posteriori error analysis of several mixed finite element approximations for the Stokes eigenvalue problem. Science China Mathematics, 2013, 56, 1313-1330.	1.7	17
16	A Two-Scale Discretization Scheme for Mixed Variational Formulation of Eigenvalue Problems. Abstract and Applied Analysis, 2012, 2012, 1-29.	0.7	9