

Xinbo He

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Hybrid FETD Algorithm for Electromagnetic Modeling of Fine Structures. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2771-2775.	4.0	6
2	An Explicit Newmark-FDTD Algorithm With Subgridding Technique. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2383-2387.	4.0	6
3	A Subgridding Unconditionally Stable FETD Method Based on Local Eigenvalue Solution. IEEE Transactions on Antennas and Propagation, 2021, 69, 4695-4705.	5.1	5
4	Hybrid FDTD algorithm for electromagnetic analysis of fine structures. Results in Physics, 2021, 31, 105017.	4.1	3
5	A Spatial Modes Filtering FETD Method Combined With Domain Decomposition for Simulating Fine Electromagnetic Structures. IEEE Microwave and Wireless Components Letters, 2022, 32, 1259-1262.	3.2	3
6	Improved FDTD Method for Coupling Analysis of a Dielectric-Coated Wire Above Rough Soil Surface Under HPEM Pulse. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 129-138.	2.2	2
7	A Hybrid FDTD Algorithm without the Limitation of CFL Condition. , 2019, , .		1
8	The implement of the hybrid meshes in US-FETD by using Domain decomposition method. , 2020, , .		1
9	A hybrid algorithm for electromagnetic problems involving fine structures based on FDTD and FETD with unstable modes removing. Waves in Random and Complex Media, 0, , 1-14.	2.7	1
10	Explicit and Unconditionally Stable FDTD Method for Electromagnetic Problem Analysis. , 2018, , .		0
11	Unconditionally Stable TDFEM Algorithm Based on "Brick" Element. , 2018, , .		0
12	Comparison of Two Stabilized FETD methods Based on Triangle Elements. , 2019, , .		0
13	A Stable Mixed TDFEM Based on Filtering Spatial Unstable Modes. , 2020, , .		0
14	Explicit Newmark-FDTD Method Based on Maxwell's Equation. , 2020, , .		0
15	A Fast Unconditionally Stable FETD Algorithm Based on Local Eigenvalue solutions. , 2019, , .		0
16	Research on Hybrid Algorithm of Explicit Newmark-FDTD and Traditional FDTD Methods. , 2021, , .		0
17	An Efficient Scheme for Multiple Fine Structures in Hybrid FETD. , 2021, , .		0