

Han Guo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Butterfly-Based Direct Integral-Equation Solver Using Hierarchical LU Factorization for Analyzing Scattering From Electrically Large Conducting Objects. IEEE Transactions on Antennas and Propagation, 2017, 65, 4742-4750.	5.1	74
2	On MLMDA/Butterfly Compressibility of Inverse Integral Operators. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 31-34.	4.0	34
3	Analyzing Large-Scale Arrays Using Tangential Equivalence Principle Algorithm With Characteristic Basis Functions. Proceedings of the IEEE, 2013, 101, 414-422.	21.3	26
4	An HSS Matrix-Inspired Butterfly-Based Direct Solver for Analyzing Scattering From Two-Dimensional Objects. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1179-1183.	4.0	26
5	Hierarchical Matrices Method and Its Application in Electromagnetic Integral Equations. International Journal of Antennas and Propagation, 2012, 2012, 1-9.	1.2	19
6	A butterfly-based direct solver using hierarchical LU factorization for Poggio-Miller-Chang-Harrington-Wu-Tsai equations. Microwave and Optical Technology Letters, 2018, 60, 1381-1387.	1.4	17
7	Fast Simulation of Array Structures Using T-EPA With Hierarchical LU Decomposition. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1556-1559.	4.0	16
8	Butterfly Factorization Via Randomized Matrix-Vector Multiplications. SIAM Journal of Scientific Computing, 2021, 43, A883-A907.	2.8	7
9	A parallel MLMDA-based direct integral equation solver. , 2013, , .		3
10	An improved Calderón preconditioner for electric field integral equation. , 2009, , .		1
11	Multilevel sparse approximate inverse preconditioning for solving dynamic integral equation by H-matrix method. , 2011, , .		1
12	Fast analysis of 3D inhomogeneous dielectric objects using IE-FFT. , 2009, , .		0
13	Hierarchical LU decomposition and its application in tangential equivalence principle algorithm. , 2012, , .		0
14	MLMDA-based direct integral equation solver for dielectric scatterers. , 2015, , .		0