

Sung-Jun Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Antenna Modeling Using Sparse Infinitesimal Dipoles Based on Recursive Convex Optimization. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 662-665.	4.0	16
2	Beam Pattern Analysis of Antenna Array on Complex Platform Using AEP Method Based on Hybrid UTD-ACGF Technique. IEEE Transactions on Antennas and Propagation, 2017, 65, 1511-1516.	5.1	9
3	Alternative Method for Obtaining Antenna Current Green's Function Based on Infinitesimal Dipole Modeling. IEEE Transactions on Antennas and Propagation, 2019, 67, 2583-2590.	5.1	7
4	Mutual Admittance of Two Arbitrary Antennas in Nonplanar Skew Positions Based on Infinitesimal Dipole Modeling. IEEE Transactions on Antennas and Propagation, 2019, 67, 6705-6713.	5.1	5
5	Antenna far-field prediction using restricted IDM based convex optimization. , 2017, , .		4
6	Improved Prediction of the Wideband Beam Pattern Shape of Antenna Array Based on Infinitesimal Dipole Modeling. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2309-2313.	4.0	4
7	Antenna Diagnostics Based on Infinitesimal Dipole Modeling With Limited Measurement on Antenna Aperture. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 923-927.	4.0	3
8	Automatic feature extraction from insufficient JEM signals based on compressed sensing method. , 2015, , .		2
9	Improvement of Antenna Model Accuracy Using Error Matrix Optimization for an Active Synthetic Aperture Radar. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3163-3167.	4.0	2
10	An Accurate Near-Field Focusing of Array Antenna Based on Near-Field Active Element Pattern and Infinitesimal Dipole Modeling. IEEE Access, 2021, 9, 143771-143781.	4.2	2
11	Antenna pattern synthesis based on discrete-Artificial Bee Colony algorithm for digital environment. , 2015, , .		1
12	Method of moment using matrix equilibration for stealth aircraft scattering analysis in VHF band. , 2017, , .		1
13	Wide Beam Design of a Fully Digital Active Array Radar Using Convex Optimization with Only Phase Control. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 479-486.	0.3	1
14	Analysis of Electromagnetic Wave Influence by High-Power Radiation Tests in Suburban Environments. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 992-999.	0.3	0
15	Reconstruction and Synthesis of Near-Field Beam Patterns of Active Antenna Arrays via Infinitesimal Dipole Modeling and the Least Square Method. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 1070-1078.	0.3	0