

Sung-Jun Yang

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 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 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Antenna Modeling Using Sparse Infinitesimal Dipoles Based on Recursive Convex Optimization. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 662-665. | 4.0 | 16 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Antenna far-field prediction using restricted IDM based convex optimization. , 2017, , . | | 4 |
| 13 | Method of moment using matrix equilibration for stealth aircraft scattering analysis in VHF band. , 2017, , . | | 1 |
| 14 | Automatic feature extraction from insufficient JEM signals based on compressed sensing method. , 2015, , . | | 2 |
| 15 | Antenna pattern synthesis based on discrete-Artificial Bee Colony algorithm for digital environment. , 2015, , . | | 1 |