

Young Dam Kim

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	Efficient performance optimisation of wireless power transmission using genetic algorithm. Electronics Letters, 2014, 50, 462-464.	1.0	14
3	A Hybrid UTD-ACGF Technique for DOA Finding of Receiving Antenna Array on Complex Environment. IEEE Transactions on Antennas and Propagation, 2015, 63, 5045-5055.	5.1	10
4	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
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	RCS REDUCTION OF OPEN-ENDED CIRCULAR WAVEGUIDE CAVITY WITH CORRUGATIONS USING MODE MATCHING AND SCATTERING MATRIX ANALYSIS. Progress in Electromagnetics Research, 2014, 146, 57-69.	4.4	6
7	Fast Fourier-Domain Optimization Using Hybrid L^1 -Norm for Autofocus in Airborne SAR Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7934-7954.	6.3	6
8	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
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	Design of a Conformal Rx Phased Array Antenna System for Ku-Band Satellite Communications. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2020, 31, 495-509.	0.3	4
11	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
12	Antenna isolation method using sub-array structure with soft-surface for Tx/Rx separated FDD hybrid beamforming system. Journal of Electromagnetic Waves and Applications, 2021, 35, 620-633.	1.6	2
13	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
14	Antenna pattern synthesis based on discrete-Artificial Bee Colony algorithm for digital environment. , 2015, , .		1
15	Optimized Combination of Local Beams for Wireless Sensor Networks. Sensors, 2019, 19, 633.	3.8	1
16	Design of Tx Multi-Beam Active Phased Array Antenna System for Aerial Communications. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 334-343.	0.3	1
17	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