Lutong Li

List of Publications by Year in descending order

31 papers	227 citations	1163117 8 h-index	996975 15 g-index
31 all docs	31 docs citations	31 times ranked	124 citing authors

#	Article	IF	Citations
1	Mainlobe beamwidth maximization for wide-beam array antenna with desired minimum power gain constraint. Journal of Electromagnetic Waves and Applications, 2022, 36, 332-345.	1.6	3
2	Low-Sidelobe Shaped-Beam Pattern Synthesis With Amplitude Constraints. IEEE Transactions on Antennas and Propagation, 2022, 70, 2717-2731.	5.1	11
3	Shaped-Beam Pattern Synthesis With Sidelobe Level Minimization via Nonuniformly-Spaced Sub-Array. IEEE Transactions on Antennas and Propagation, 2022, 70, 3421-3436.	5.1	7
4	A Modified Open-Ended Rectangular Waveguide Based Reflection Approach for Dielectric Constant Characterization of Low-Loss Slab Materials. IEEE Transactions on Antennas and Propagation, 2021, 69, 8009-8014.	5.1	2
5	A Method for Designing Multi-Band Rasorbers for Wideband Applications. IEEE Access, 2021, 9, 47365-47371.	4.2	13
6	Switchable rasorber with highâ€order frequency selective surface for transmission bandwidth extension. Microwave and Optical Technology Letters, 2021, 63, 1705-1711.	1.4	3
7	Analytical scannableâ€shaped beam pattern synthesis via superposition principle. IET Microwaves, Antennas and Propagation, 2021, 15, 600-605.	1.4	5
8	Array Antenna Synthesis With Cross-Polarization Suppression Via Convex Optimization. , 2021, , .		0
9	A Conformal Metamaterial-Based Optically Transparent Microwave Absorber With High Angular Stability. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1399-1403.	4.0	39
10	Robust Pencil Beam Pattern Synthesis With Array Position Uncertainty. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1483-1487.	4.0	2
11	A Switchable Frequency Selective Rasorber With Wide Passband. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1567-1571.	4.0	26
12	Synthesis of Linear Sub-array based on Hybrid Method. , 2021, , .		1
13	Sidelobe Level Suppression of Nulling Synthesis With Wide-beam Array Antenna. , 2021, , .		0
14	Microwave Reflectometry to Characterize the Time-Varying Plasma Generated in the Shock Tube. IEEE Access, 2021, 9, 51595-51603.	4.2	3
15	Amplitude Controllable Transmitarray/Reflectarray Element for the Suppression of Sidelobe Level. , 2021, , .		0
16	Shaped-Pattern Synthesis with Amplitude Sub-Array Configuration. , 2021, , .		0
17	Power Gain Pattern Synthesis for Wide-Beam Array Antenna via Linear Programming. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2300-2304.	4.0	11
18	A Wide-Beam Power Gain Optimization Algorithm with Array Antenna. , 2020, , .		0

#	Article	IF	Citations
19	Reconfigurable Frequency Selective Rasorber Covering Extremely Wide Transmission Frequency Range. IEEE Access, 2020, 8, 225566-225580.	4.2	6
20	A Switchable A-T-A Rasorber with High Selectivity. , 2020, , .		0
21	Design of High-Selective FSR with a Single Layered FSS. , 2020, , .		0
22	Experimental demonstration of a multimode microwave absorber. , 2020, , .		0
23	A W-band transmission measurement system for plasma diagnosis. , 2020, , .		0
24	Direction-of-Arrival Estimation of Coherent Sources with Coprime Array Interpolation. , 2020, , .		2
25	An Array Position Refinement Algorithm for Pencil Beam Pattern Synthesis With High-Order Taylor Expansion. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1766-1770.	4.0	16
26	Implementation of Atomically Thick Graphene and Its Derivatives in Electromagnetic Absorbers. Applied Sciences (Switzerland), 2019, 9, 388.	2.5	9
27	A Millimeter-wave System for The Characterization of Plasma in Shock Tube. , 2019, , .		1
28	Elevation Imaging Based on Vortex Electromagnetic Wave. , 2019, , .		3
29	Power Gain Pattern Synthesis of Array Antenna With Dynamic Range Ratio Restriction. IEEE Antennas and Wireless Propagation Letters, 2019, , 1-1.	4.0	8
30	Power Gain Optimization Method for Wide-Beam Array Antenna via Convex Optimization. IEEE Transactions on Antennas and Propagation, 2019, 67, 1620-1629.	5.1	39
31	Compact Dielectric Constant Characterization of Low-loss Thin Dielectric Slabs with Microwave Reflection Measurement. IEEE Antennas and Wireless Propagation Letters, 2018, , 1-1.	4.0	17