

Lutong Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/782434/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	A Switchable Frequency Selective Resorber With Wide Passband. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1567-1571.	4.0	26
4	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
5	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
6	A Method for Designing Multi-Band Resorbers for Wideband Applications. IEEE Access, 2021, 9, 47365-47371.	4.2	13
7	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
8	Low-Sidelobe Shaped-Beam Pattern Synthesis With Amplitude Constraints. IEEE Transactions on Antennas and Propagation, 2022, 70, 2717-2731.	5.1	11
9	Implementation of Atomically Thick Graphene and Its Derivatives in Electromagnetic Absorbers. Applied Sciences (Switzerland), 2019, 9, 388.	2.5	9
10	Power Gain Pattern Synthesis of Array Antenna With Dynamic Range Ratio Restriction. IEEE Antennas and Wireless Propagation Letters, 2019, , 1-1.	4.0	8
11	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
12	Reconfigurable Frequency Selective Resorber Covering Extremely Wide Transmission Frequency Range. IEEE Access, 2020, 8, 225566-225580.	4.2	6
13	Analytical scannable-shaped beam pattern synthesis via superposition principle. IET Microwaves, Antennas and Propagation, 2021, 15, 600-605.	1.4	5
14	Elevation Imaging Based on Vortex Electromagnetic Wave. , 2019, , .		3
15	Switchable resorber with high-order frequency selective surface for transmission bandwidth extension. Microwave and Optical Technology Letters, 2021, 63, 1705-1711.	1.4	3
16	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
17	Microwave Reflectometry to Characterize the Time-Varying Plasma Generated in the Shock Tube. IEEE Access, 2021, 9, 51595-51603.	4.2	3
18	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

#	ARTICLE	IF	CITATIONS
19	Robust Pencil Beam Pattern Synthesis With Array Position Uncertainty. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1483-1487.	4.0	2
20	Direction-of-Arrival Estimation of Coherent Sources with Coprime Array Interpolation. , 2020, , .		2
21	A Millimeter-wave System for The Characterization of Plasma in Shock Tube. , 2019, , .		1
22	Synthesis of Linear Sub-array based on Hybrid Method. , 2021, , .		1
23	Array Antenna Synthesis With Cross-Polarization Suppression Via Convex Optimization. , 2021, , .		0
24	Sidelobe Level Suppression of Nulling Synthesis With Wide-beam Array Antenna. , 2021, , .		0
25	A Wide-Beam Power Gain Optimization Algorithm with Array Antenna. , 2020, , .		0
26	A Switchable A-T-A Resorber with High Selectivity. , 2020, , .		0
27	Design of High-Selective FSR with a Single Layered FSS. , 2020, , .		0
28	Experimental demonstration of a multimode microwave absorber. , 2020, , .		0
29	Amplitude Controllable Transmitarray/Reflectarray Element for the Suppression of Sidelobe Level. , 2021, , .		0
30	A W-band transmission measurement system for plasma diagnosis. , 2020, , .		0
31	Shaped-Pattern Synthesis with Amplitude Sub-Array Configuration. , 2021, , .		0