

Le Xu

List of Publications by Year in descending order

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27
papers

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1684188
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27
docs citations

27
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Ended-to-Balanced Broadband/Filtering Planar Magic-Ts With High Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3236-3245.	4.6	15
2	A Circularly Polarized 3-D Printed Dielectric Transmitarray Antenna at Millimeter-Wave Band. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1264-1268.	4.0	14
3	Lowâ€crossâ€polarisation synthesis of conformal antenna arrays using a balanced dynamic differential evolution algorithm. IET Microwaves, Antennas and Propagation, 2017, 11, 1853-1860.	1.4	7
4	A balanced dualâ€band bandpass filter with a wide stopband and controllable differentialâ€mode frequencies and fractional bandwidths. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22013.	1.2	7
5	A balanced triâ€band bandpass filter with high selectivity and controllable bandwidths. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21976.	1.2	6
6	An Accelerated Shooting and Bouncing Ray Method Based on GPU and Virtual Ray Tube for Fast RCS Prediction. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1839-1843.	4.0	5
7	3-D Printed Conformal Dielectric Linear-to-Circular Polarization Converters for Cylindrical and Spherical Surfaces. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2539-2543.	4.0	5
8	Balanced Dual-Band BPF and FPD Using Quad-Mode RLR With Improved Selectivity. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2081-2085.	3.0	5
9	A highly selective balanced wideband bandpass filter based on nested splitâ€ring resonators. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21875.	1.2	4
10	Design of a balanced dualâ€band <sc>BPF</sc> with high selectivity. Microwave and Optical Technology Letters, 2020, 62, 3536-3541.	1.4	4
11	A Novel Simulation Method for Analyzing Diode Electrical Characteristics Based on Neural Networks. Electronics (Switzerland), 2021, 10, 2337.	3.1	4
12	FAST ARRAYS SYNTHESIS ALGORITHM BY THE MATRIX METHOD WITH EMBEDDED PATTERNS OF STANDARD CELL. Progress in Electromagnetics Research C, 2019, 93, 237-251.	0.9	3
13	An Efficient ISAR Imaging Approach for Highly Maneuvering Targets Based on Subarray Averaging and Image Entropy. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
14	An Accelerated PO for EM Scattering from Electrically Large Targets. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2300-2304.	4.0	3
15	A Balanced Filtering Directional Coupler Based on Slotline Using Asymmetric Parallel Loaded Branches. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 1222-1231.	2.5	3
16	RCS Analysis of UAV Groups. , 2019, , .		2
17	Broadband folded reflectarray based on singleâ€layer subwavelength elements using discrete phase control. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22710.	1.2	1
18	Wideband Frequency Invariant Array Synthesis Based on Matrix Singular Value Decomposition. Electronics (Switzerland), 2021, 10, 2039.	3.1	1

#	ARTICLE	IF	CITATIONS
19	Array Pattern Synthesis Using a Hybrid Differential Evolution and Analytic Algorithm. Electronics (Switzerland), 2021, 10, 2227.	3.1	1
20	Application of Improved FDTD Algorithm in Solar Panels. , 2021, , .		1
21	Radar Images of Ships on a Rough Half-Space Interface. , 2006, , .		0
22	Research on High-Order FDTD Algorithm for Three-Dimensional Targets. , 2019, , .		0
23	Coupling Analysis of High Power Pulse on The Satellite Solar Panel. , 2019, , .		0
24	A New Shooting and Bouncing Ray Method Based on Gaussian integrals and Its Application in the Electrically Large Object. , 2019, , .		0
25	Research and Application of High Order FDTD Algorithm. , 2019, , .		0
26	Application of Improved Iterative Algorithms Based on Adomian Decomposition to FDTD Nonlinear Equation. , 2020, , .		0
27	Design of balanced <sc>UWB BPF</sc> based on quintâ€mode slotline resonator. International Journal of RF and Microwave Computer-Aided Engineering, 0, , .	1.2	0