

Yuanxin li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Periodic Mirror-Reflected Circular-Polarized Leaky Wave Antenna With Dual-Beam Scanning in Dual Polarization Types. IEEE Transactions on Antennas and Propagation, 2022, 70, 3034-3039.	5.1	6
2	A Tri-Band Patch Antenna With Dual Rampart Line Structure. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 793-797.	4.0	7
3	A Gain-Enhanced Patch Antenna With a Periodic Microstrip Rampart Line. IEEE Open Journal of Antennas and Propagation, 2022, 3, 83-88.	3.7	2
4	Backward-to-Forward Scanning Periodic Nonuniform Leaky-Wave Antenna for Reflected Sidelobe Suppression. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1522-1526.	4.0	4
5	A Beam-Scanning Printed Dipole Antenna Fed by A Rectangular Patch with Periodic Structures. IEEE Antennas and Wireless Propagation Letters, 2022, , 1-5.	4.0	0
6	A Patch Antenna Coupling of Periodic Leak-Wave Structure With Tri-Frequency Capability. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 98-102.	4.0	5
7	Low-Cost and High-Gain Microstrip Magnetic Dipole Antenna With All-Metal Structure and Open-Ended Stubs. IEEE Transactions on Antennas and Propagation, 2021, 69, 3543-3548.	5.1	6
8	A Tapered Continuous-Element Leaky-Wave Antenna With Pure Radiation Pattern. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1804-1808.	4.0	8
9	Wide-Angle Scanning Phased Array Antennas Using Metasurface Slabs. IEEE Transactions on Antennas and Propagation, 2021, 69, 9003-9008.	5.1	9
10	A Single-feed Circularly Polarized Patch Antenna with a 2D Periodic Structure. , 2021, , .		0
11	A Dual-frequency Printed Monopole Antenna with a Periodic Double-sided Parallel Strip-line Structure. , 2021, , .		0
12	A Tri-band patch antenna with Rampart Line Structure. , 2021, , .		0
13	Backward to Forward Scanning Periodic Leaky-Wave Antenna with Eliminated Reflected Side Lobe. , 2021, , .		0
14	Periodic Microstrip Leaky Wave Antenna with Double-Sided Shorting Pins and Pairs of Slots. International Journal of Antennas and Propagation, 2020, 2020, 1-9.	1.2	5
15	A Multi-Frequency Patch Antenna With Double Sided Parallel Strip Line Periodic Structure. IEEE Access, 2020, 8, 101672-101681.	4.2	3
16	The Periodic Leaky-Wave Antenna With Different Unit Cells Based on Consistent Fundamental Mode. IEEE Transactions on Antennas and Propagation, 2020, 68, 7794-7802.	5.1	4
17	Compact Folded Slot Antenna and Its Endfire Arrays With High Gain and Vertical Polarization. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 786-790.	4.0	25
18	The Periodic MLWA With Non-Uniform Aspect Ratios Based on Trapezoid DSPSL With Back-Firing to End-Firing Beam-Scanning Capacity. IEEE Open Journal of Antennas and Propagation, 2020, 1, 20-25.	3.7	3

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19	Highly Reconfigurable Dual-Band Coupler With Independently Tunable Operating Frequencies. IEEE Transactions on Industrial Electronics, 2019, 66, 3615-3626.	7.9	14
20	An Approximate Circuit Model to Analyze Microstrip Rampart Line in OSB Suppressing. IEEE Access, 2019, 7, 90412-90417.	4.2	13
21	Periodic Fixed-Frequency Staggered Line Leaky Wave Antenna With Wide-Range Beam Scanning Capacity. IEEE Access, 2019, 7, 146693-146701.	4.2	5
22	A Miniaturized Periodic Microstrip Leaky Wave Antenna with Shorting Pins. International Journal of Antennas and Propagation, 2019, 2019, 1-7.	1.2	4
23	The Periodic Leaky-wave Antenna by Orthogonally Bending Microstrip Transmission Line with Open Stopband Elimination. , 2019, , .		0
24	Reconfigurable Microstrip Magnetic Dipole Antenna With Switchable Conical Beams for Aerial Drone Applications. IEEE Access, 2019, 7, 31043-31054.	4.2	13
25	Compact Planar Inverted-F Antenna Built in Gap for Modular phone with Metal Housing. , 2019, , .		0
26	Tight Coupling Dual-Band Coupler With Large Frequency Ratio and Arbitrary Power Division Ratios Over Two Bands. IEEE Access, 2019, 7, 184489-184499.	4.2	4
27	Periodic Microstrip Leaky Wave Antenna With Bilateral Shorting Vias. , 2019, , .		0
28	A Gain-Enhanced Tri-Band Microstrip Square Antenna With Consistent Radiation Patterns by Manipulating Its Higher Order Modes. IEEE Transactions on Antennas and Propagation, 2019, 67, 1987-1992.	5.1	8
29	Design of Balanced Filtering Components Based on Isosceles Right-Angled Triangular Patch. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 736-744.	2.5	28
30	A Frequency Tunable Quadrature Coupler With Wide Tuning Range of Center Frequency and Wide Operating Bandwidth. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 864-868.	3.0	16
31	High-Efficiency and Wide-Frequency-Ratio Dual-Band Slot Patch Antenna Utilizing the Perturbed TM ₀₂ Modes. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 579-582.	4.0	9
32	Zeroth-Order-Mode Circular Microstrip Antenna With Patch-Like Radiation Pattern. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 446-449.	4.0	22
33	Microstrip Magnetic Monopole and Dipole Antennas With High Directivity and a Horizontally Polarized Omnidirectional Pattern. IEEE Transactions on Antennas and Propagation, 2018, 66, 1143-1152.	5.1	30
34	Novel Time-Domain Schottky Diode Modeling for Microwave Rectifier Designs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1234-1244.	5.4	37
35	A Dual-Band Offset Parallel Rectangular Printed End-Fire Antenna. , 2018, , .		0
36	A Planar End-Firing Antenna Through a Resonating Rectangle Patch. , 2018, , .		1

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37	A Broadband Dual-Polarized Antenna With Front-to-Back Ratio Enhancement Using Semicylindrical Sidewalls. IEEE Transactions on Antennas and Propagation, 2018, 66, 3735-3740.	5.1	17
38	Periodic Triangle-Truncated DSPSL-Based Antenna With Backfire to Endfire Beam-Scanning Capacity. IEEE Transactions on Antennas and Propagation, 2017, 65, 845-849.	5.1	35
39	Fundamental even leaky mode in microstrip line loaded with shorting vias. IET Microwaves, Antennas and Propagation, 2017, 11, 129-135.	1.4	19
40	A Nonbalancing End-Fire Microstrip Dipole With Periodic-Offset DSPSL Substrate. IEEE Transactions on Antennas and Propagation, 2017, 65, 2661-2665.	5.1	10
41	A Broadband Offset-Parallel-Parallelograms Printed Endfire Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1167-1170.	4.0	6
42	A Dual-Band Printed End-Fire Antenna with DSPSL Feeding. International Journal of Antennas and Propagation, 2016, 2016, 1-5.	1.2	2
43	A Method of Designing a Dual-Band Sector Ring Microstrip Antenna and Its Application. IEEE Transactions on Antennas and Propagation, 2016, 64, 4896-4901.	5.1	19
44	Microstrip Magnetic Monopole Endfire Array Antenna With Vertical Polarization. IEEE Transactions on Antennas and Propagation, 2016, 64, 4208-4217.	5.1	30
45	A triple-band microstrip antenna using a 1/8 annular sector patch with slots and vias. , 2016, , .		0
46	A Dual-Frequency Broadband Design of Coupled-Fed Stacked Microstrip Monopolar Patch Antenna for WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1289-1292.	4.0	79
47	A Planar Quasi-Magnetic“Electric Circularly Polarized Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 2108-2114.	5.1	51
48	Novel Multi-way Broadband Differential Phase Shifter With Uniform Reference Line Using Coupled Line Structure. IEEE Microwave and Wireless Components Letters, 2015, 25, 166-168.	3.2	32
49	Design of Periodic Shorting-Vias for Suppressing the Fundamental Mode in Microstrip Leaky-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2015, 63, 4297-4304.	5.1	35
50	Design of a Multifrequency One-Quarter-Rings Microstrip Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 209-212.	4.0	7
51	A Multiband Monopole Antenna with the Inverted-Trapezoidal CPW Feeding. International Journal of Antennas and Propagation, 2014, 2014, 1-7.	1.2	4
52	Broadband Monopolar Microstrip Patch Antenna With Shorting Vias and Coupled Ring. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 39-42.	4.0	91
53	Dual-Band Hybrid Coupler With Arbitrary Power Division Ratios Over the Two Bands. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 1347-1358.	2.5	35
54	Method of Auxiliary Sources for Analyzing Half-Mode Substrate Integrated Waveguide. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1043-1046.	4.0	9

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55	Investigations of SIW Leaky-Wave Antenna for Endfire-Radiation With Narrow Beam and Sidelobe Suppression. IEEE Transactions on Antennas and Propagation, 2014, 62, 4489-4497.	5.1	144
56	Multiband Monopole Mobile Phone Antenna With Circular Polarization for GNSS Application. IEEE Transactions on Antennas and Propagation, 2014, 62, 1910-1917.	5.1	43
57	Novel Dual-Frequency Microstrip Antenna With Narrow Half-Ring and Half-Circular Patch. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 3-6.	4.0	17
58	A dual operating frequency band periodic half-width microstrip leaky-wave antenna. , 2013, , .		0
59	A new design of tri-frequency microstrip antenna with arc slots. , 2012, , .		1
60	Substrate Integrated Waveguide Leaky-Wave Antenna With H-Shaped Slots. IEEE Transactions on Antennas and Propagation, 2012, 60, 3962-3967.	5.1	101
61	A Dual Frequency Microstrip Antenna Using a Double Sided Parallel Strip Line Periodic Structure. IEEE Transactions on Antennas and Propagation, 2012, 60, 3016-3019.	5.1	16
62	Biplanar Monopole With DSPSL Feed and Coupling Line for Broadband Mobile Phone. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1326-1329.	4.0	6
63	Design of novel tri-frequency microstrip patch antenna with arc slots. Electronics Letters, 2012, 48, 609.	1.0	11
64	The Half-Width Microstrip Leaky Wave Antenna With the Periodic Short Circuits. IEEE Transactions on Antennas and Propagation, 2011, 59, 3421-3423.	5.1	38
65	Forward and backward periodic microstrip antenna with a slotted ground plane. Microwave and Optical Technology Letters, 2010, 52, 2608-2610.	1.4	0
66	The Backfire-to-Broadside Symmetrical Beam-Scanning Periodic Offset Microstrip Antenna. IEEE Transactions on Antennas and Propagation, 2010, 58, 3499-3504.	5.1	25
67	The Periodic Half-Width Microstrip Leaky-Wave Antenna With a Backward to Forward Scanning Capability. IEEE Transactions on Antennas and Propagation, 2010, 58, 963-966.	5.1	69
68	Band-Notched UWB Printed Monopole Antenna With a Novel Segmented Circular Patch. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1209-1212.	4.0	52
69	Quasi Microstrip Leaky-Wave Antenna With a Two-Dimensional Beam-Scanning Capability. IEEE Transactions on Antennas and Propagation, 2009, 57, 347-354.	5.1	27
70	Radiation patterns of microstrip leaky-wave antenna with parasitic elements. Microwave and Optical Technology Letters, 2008, 50, 1565-1567.	1.4	7
71	Dual-Beam Steering Microstrip Leaky Wave Antenna With Fixed Operating Frequency. IEEE Transactions on Antennas and Propagation, 2008, 56, 248-252.	5.1	39
72	A periodic microstrip leaky-wave antenna. , 2008, , .		0

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73	A Fixed-Frequency Beam-Scanning Microstrip Leaky Wave Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 616-618.	4.0	12
74	Fixed-Frequency Dual-Beam Scanning Microstrip Leaky Wave Antenna. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 444-446.	4.0	6
75	Microstrip leaky-wave antenna with beam-patterns switchable capability. Microwave and Optical Technology Letters, 2007, 49, 3060-3063.	1.4	1
76	Design of a novel dual-frequency microstrip patch antenna for WLAN applications. , 2004, , .		14
77	A novel frequency-fixed dual-beam scanning microstrip leaky-wave antenna. , 2004, , .		0
78	A novel frequency-fixed beam-scanning microstrip leaky-wave antenna with phase-shifter. , 0, , .		0
79	Frequency-fixed beam-scanning microstrip leaky-wave antennas. , 0, , .		1
80	Analysis of microstrip leaky wave antenna with FDTD. , 0, , .		0