

Li Jia-Lin

List of Publications by Year in descending order

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all docs

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docs citations

63
times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	A Circular Polarization-Reconfigurable Antenna With Enhanced Axial Ratio Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1248-1252.	4.0	13
2	Analytical and Numerical Study on Dual-Mode Patch Resonator Filters with Real or Imaginary Transmission Zeros. Journal of Circuits, Systems and Computers, 2021, 30, 2150170.	1.5	0
3	Microwave lowpass filter with improved out-of-band performance based on tilted rectangular slots. Journal of Electrical Engineering, 2021, 72, 213-216.	0.7	0
4	Development of microstrip reflectarray based monostatic STAR antenna. AEU - International Journal of Electronics and Communications, 2021, 137, 153827.	2.9	3
5	Spoof Surface Plasmon Polaritons for Time Reversal Electromagnetic Signals. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1547-1551.	4.0	0
6	A low-cost, wideband, dual-circularly polarized traveling wave antenna array. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22532.	1.2	1
7	High-Isolation Dual-Polarized Leaky-Wave Antenna With Fixed Beam for Full-Duplex Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 7202-7212.	5.1	26
8	A wideband dual-circularly polarized traveling wave antenna array. Journal of Electrical Engineering, 2021, 72, 407-412.	0.7	0
9	Differential-Series-Fed Dual-Polarized Traveling-Wave Array for Full-Duplex Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 4097-4102.	5.1	30
10	A Wavetrap-Based Decoupling Technique for 45° Polarized MIMO Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2020, 68, 2148-2157.	5.1	22
11	Sensitivity enhancement of super resolution breast tumour imaging with far-field time reversal mirror integrating with multi-layered sub-wavelength patch scatterers. Journal Physics D: Applied Physics, 2020, 53, 075401.	2.8	3
12	Planar Dual-Band Branch-Line Coupler With Large Frequency Ratio. IEEE Access, 2020, 8, 33188-33195.	4.2	21
13	Dual-frequency Wilkinson power divider with $\pm 45^\circ$ phase shifts at the two bands. Electromagnetics, 2020, 40, 199-206.	0.7	1
14	Multi-way differential power divider with microstrip output interfaces. Journal of Electrical Engineering, 2020, 71, 274-280.	0.7	3
15	Design of microwave lowpass filter based on log periodic zigzag DGS. Journal of Electrical Engineering, 2020, 71, 428-432.	0.7	0
16	An in-line coaxial-to-circular waveguide transition at X band. Journal of Electrical Engineering, 2020, 71, 55-59.	0.7	3
17	Dual-mode resonator filter with improved feed-lines for dual-band applications. Journal of Electrical Engineering, 2020, 71, 433-435.	0.7	1
18	Compact Band Notched Slot Antenna for Ultra-Wideband (UWB) Applications Based on Strong Couplings Slots. Journal of Electrical Engineering and Technology, 2019, 14, 2091-2095.	2.0	5

#	ARTICLE	IF	CITATIONS
19	A multi-coupled line based microstrip diplexer with high figure-of-merit. Electromagnetics, 2019, 39, 465-472.	0.7	4
20	A Transmission-Line-Based Decoupling Method for MIMO Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 3117-3131.	5.1	81
21	A Dual-Polarized Magneto-Electric Dipole Antenna for Application to N77/N78 Band. IEEE Access, 2019, 7, 161708-161715.	4.2	20
22	A Novel Temperature Controlled Broadband Metamaterial Absorber for THz Applications. IEEE Access, 2019, 7, 161255-161263.	4.2	21
23	A Dual-Polarized Linear Antenna Array With Improved Isolation Using a Slotline-Based 180° Hybrid for Full-Duplex Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 348-352.	4.0	37
24	A compact, wideband branch-line balun with small magnitude and phase imbalances. Electromagnetics, 2019, 39, 30-40.	0.7	3
25	An Orbital Angular Momentum-Based Array for In-Band Full-Duplex Communications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 417-421.	4.0	23
26	Numerical simulation study on bowtie antenna-based time reversal mirror for super-resolution target detection. Journal of Electrical Engineering, 2019, 70, 236-243.	0.7	7
27	Numerical study and experimental validation of a four-way feeding network with 45 deg broadband phase shifts for antenna array applications. Journal of Electrical Engineering, 2019, 70, 400-405.	0.7	2
28	An equivalent circuit model of a rectangular bracket shaped DGS and its microwave filter applications. Journal of Electrical Engineering, 2019, 70, 32-38.	0.7	4
29	Dual-band rat-race hybrid with phase compensation. Electromagnetics, 2018, 38, 200-206.	0.7	5
30	A novel microstrip diplexer based on coupled line. Electromagnetics, 2018, 38, 87-95.	0.7	6
31	Time reversal of a high frequency signal based on time-varying guided wave system. AEU - International Journal of Electronics and Communications, 2018, 84, 186-191.	2.9	3
32	Comments on "Radial Uniform Circular Antenna Array for Dual-Mode OAM Communication". IEEE Antennas and Wireless Propagation Letters, 2018, 17, 719-721.	4.0	12
33	A Dual-Band Dual-Polarized Antenna Array with Improved Isolation. , 2018, , .		0
34	Analyses and Full-Duplex Applications of Circularly Polarized OAM Arrays Using Sequentially Rotated Configuration. IEEE Transactions on Antennas and Propagation, 2018, 66, 7010-7020.	5.1	32
35	Broadband branch-line balun with good isolation and impedance matching. Electromagnetics, 2018, 38, 273-282.	0.7	5
36	A Dual-Polarized Antenna Array With Enhanced Interport Isolation for Far-Field Wireless Data and Power Transfer. IEEE Transactions on Vehicular Technology, 2018, 67, 10258-10267.	6.3	26

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37	Compact dual-mode dual-band bandpass filter with inside-outside-reversed dual-ring topology. Electronics Letters, 2017, 53, 624-626.	1.0	16
38	Analysis on Transmission Zeros in Cross-Coupled Microstrip Filters. Electromagnetics, 2017, 37, 81-91.	0.7	2
39	Compact dual-band five-way Wilkinson power divider. Electronics Letters, 2017, 53, 866-868.	1.0	9
40	Design of planar multi-way differential power division network using double-sided parallel stripline. Electronics Letters, 2017, 53, 1364-1366.	1.0	4
41	Time reversal of electromagnetic signals with time-varying transmission lines. , 2016, , .		0
42	Heat transfer performance between dielectric loss calculation and molecular dynamics simulation of microwave heating on water. , 2016, , .		0
43	Vortex Electromagnetic Waves Generated by Using a Laddered Spiral Phase Plate and a Microstrip Antenna. Electromagnetics, 2016, 36, 102-110.	0.7	16
44	Miniaturized Wilkinson Power Dividers with HarmonicSuppressions. Electromagnetics, 2016, 36, 157-166.	0.7	11
45	High Temperature Pyrolysis of Toluene under Electromagnetic Fields at Different Frequencies. ACS Sustainable Chemistry and Engineering, 2016, 4, 4573-4581.	6.7	7
46	Design of a SIW balun bandpass filter with high selectivity. Journal of Electromagnetic Waves and Applications, 2016, 30, 61-69.	1.6	2
47	A dual-frequency quasi-epsilon rectenna with a robust voltage doubler for 2.45-and 5.8-GHz wireless power transmission. Microwave and Optical Technology Letters, 2015, 57, 319-322.	1.4	11
48	A Compact Frequency Reconfigurable Rectenna for 5.2- and 5.8-GHz Wireless Power Transmission. IEEE Transactions on Power Electronics, 2015, 30, 6006-6010.	7.9	80
49	Stub-Loaded Wilkinson Power Divider with Performance Enhancement. Journal of Circuits, Systems and Computers, 2015, 24, 1550127.	1.5	0
50	Improved self-adaptive genetic algorithm with quantum scheme for electromagnetic optimisation. IET Microwaves, Antennas and Propagation, 2014, 8, 965-972.	1.4	17
51	Research on pyrolysis of toluene under microwave heating by using ReaxFF molecular dynamics simulations. Molecular Physics, 2014, 112, 1724-1730.	1.7	10
52	Research on epoxy resin decomposition under microwave heating by using ReaxFF molecular dynamics simulations. RSC Advances, 2014, 4, 17083-17090.	3.6	19
53	A Two-Dimensional Nonorthogonal WLP-FDTD Method for Eigenvalue Problems. IEEE Microwave and Wireless Components Letters, 2013, 23, 515-517.	3.2	2
54	Compact Microstrip UWB Bandpass Filter With Dual Notched Bands Using E-Shaped Resonator. IEEE Microwave and Wireless Components Letters, 2013, 23, 638-640.	3.2	45

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55	Numerical Dispersion Analysis and Key Parameter Selection in Laguerre-FDTD Method. IEEE Microwave and Wireless Components Letters, 2013, 23, 629-631.	3.2	36
56	Design of UWB bandpass filter with dual notched bands based on E-shaped resonator. , 2013, , .		3
57	A high-gain LTCC horn antenna with different feeding structures. , 2013, , .		1
58	Molecular dynamics simulation on temperature and structure characteristics of microwave-heating NaCl solution. , 2013, , .		1
59	Design of a microstrip triple-band bandpass filter using a variation of genetic algorithm. Journal of Electromagnetic Waves and Applications, 2013, 27, 1293-1300.	1.6	0
60	Recent researches on electromagnetic time reversal in UESTC. , 2013, , .		0
61	A divide-by-4.5 injection-locked fractional frequency divider. , 2012, , .		0
62	Novel Design of Wilkinson Power Dividers With Arbitrary Power Division Ratios. IEEE Transactions on Industrial Electronics, 2011, 58, 2541-2546.	7.9	69
63	A study of dual-mode patch resonator-based microwave filters. , 2010, , .		2