

# Leilei Liu

## List of Publications by Year in descending order

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35  
papers

411  
citations

840776

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752698

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35  
docs citations

35  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Corrected Substrate Integrated Waveguide H-Plane Horn Antenna With Embedded Metal-Via Arrays. IEEE Transactions on Antennas and Propagation, 2014, 62, 1854-1861.	5.1	110
2	Slit-Slot Line and Its Application to Low Cross-Polarization Slot Antenna and Mutual-Coupling Suppressed Tripolarized MIMO Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 4-15.	5.1	32
3	Time-Domain Characterization of Short-Pulse Networks and Antennas Using Signal Space Method. IEEE Transactions on Antennas and Propagation, 2014, 62, 1862-1871.	5.1	27
4	Single-Beam Leaky-Wave Antenna With Lateral Continuous Scanning Functionality Based on Spoof Surface Plasmon Transmission Line. IEEE Access, 2019, 7, 25225-25231.	4.2	26
5	Radiation loss of planar surface plasmon polaritons transmission lines at microwave frequencies. Scientific Reports, 2017, 7, 6098.	3.3	24
6	Wideband Small Aperture Endfire Antenna Based on Spoof Surface Plasmon Polaritons. IEEE Transactions on Antennas and Propagation, 2021, 69, 5026-5031.	5.1	21
7	Wideband Millimeter-Wave Endfire Antenna Based on Symmetrical Spoof Surface Plasmon Polaritons. IEEE Transactions on Antennas and Propagation, 2021, 69, 7386-7393.	5.1	20
8	Single-Layer High Gain Endfire Antenna Based on Spoof Surface Plasmon Polaritons. IEEE Access, 2020, 8, 64139-64144.	4.2	18
9	Tri-Band Band-Pass Filter Based on Multi-Mode Spoof Surface Plasmon Polaritons. IEEE Access, 2020, 8, 14767-14776.	4.2	18
10	Compact and Narrow-Band Bandpass Filter Using Spoof Surface Plasmon Polaritons. IEEE Photonics Technology Letters, 2021, 33, 676-679.	2.5	17
11	Wide-Angle Beam Scanning Leaky-Wave Antenna Using Spoof Surface Plasmon Polaritons Structure. Electronics (Switzerland), 2018, 7, 348.	3.1	16
12	A novel half mode substrate integrated waveguide leaky-wave antenna with continuous forward&#x2013;backward beam scanning functionality. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21559.	1.2	12
13	UWB channel measurement and modeling for the intra-vehicle environments. , 2010, , .		11
14	Ultra-Wideband Planar Gaussian Tapered Rhombic Antenna for Short Pulse Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 48-51.	4.0	10
15	Broadband Dual-Polarized Element With Rotated Sleeve Arms for Compact Dual-Band Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2519-2523.	4.0	8
16	Reconfigurable Vector Vortex Beams Using Spoof Surface Plasmon Ring Resonators. IEEE Transactions on Antennas and Propagation, 2022, 70, 6795-6803.	5.1	8
17	An Endfire Controllable-Filtering Antenna Based on Spoof Surface Plasmon Polaritons. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 526-530.	4.0	7
18	Flexible, lightweight and multi-level superimposed titanium carbide films for enhanced electromagnetic interference shielding. Chemical Engineering Journal, 2022, 437, 135266.	12.7	7

#	ARTICLE	IF	CITATIONS
19	Experimental Evaluation of Multipath Mitigation in TDOA-Based Indoor Passive Localization System Using A Beam Steering Broadband Circular Polarization Antenna. Electronics (Switzerland), 2018, 7, 362.	3.1	5
20	Miniaturized design of CPW-Fed slot antennas using slits. , 2017, , .		3
21	A microwave detector based on spoof surface plasmon polaritons structure. AIP Advances, 2021, 11, .	1.3	3
22	Cascaded Dispersive Delay Structure Based on Periodic Glide Symmetric Microstrip Stubs. IEEE Microwave and Wireless Components Letters, 2022, 32, 847-850.	3.2	3
23	Ultrawideband channel measurement and modeling for the future intra-vehicle communications. Microwave and Optical Technology Letters, 2012, 54, 322-326.	1.4	2
24	Design and Simulation of Broadband One-Four Wilkinson Power Divider. , 2018, , .		2
25	A novel design of leaky wave antenna based on composite right/left-handed structure. , 2017, , .		1
26	Electromagnetic band gap and artificial magnetic conductor and their application to the patch antenna. , 2014, , .		0
27	Compact spoof surface plasmon polaritons guide. , 2017, , .		0
28	Ultra-wideband crossover with a reversed polarity channel designed with normalized Euclid distance for fast pulse transmission. Microwave and Optical Technology Letters, 2019, 61, 2838-2842.	1.4	0
29	Very Low Crosstalk Measurement of Substrate Integrated Coaxial Line (SICL). Electronics (Switzerland), 2019, 8, 1174.	3.1	0
30	Miniature tri-polarized MIMO slit-postwall step impedance resonator slot antenna array. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22512.	1.2	0
31	Continuous Scanning Leaky-wave Antenna Based on Spoof Surface Plasmon Polaritons. , 2021, , .		0
32	Relation between cut-off frequency and equivalent circuit of spoof surface plasmon polariton and its applications. Applied Physics Express, 2021, 14, 016001.	2.4	0
33	A Wideband Controllable Bandpass Filter Based on Spoof Surface Plasmon Polaritons. Frontiers in Physics, 2022, 10, .	2.1	0
34	Circularly Polarized Leaky Wave Antenna Based on Compound Left-Right-Hand Structure. , 2021, , .		0
35	A Miniaturized Wideband Planar Bow-Tie Slot Antenna with Asymmetric CPW. International Journal of Antennas and Propagation, 2022, 2022, 1-8.	1.2	0