

Dong-Fang Guan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A hybrid substrate integrated waveguide and spoof surface plasmon polariton <scp>leakyâ€wave</scp> antenna with open stopband suppressed. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22413.	1.2	2
2	Wideband Filtering Antenna Fed Through Hybrid Substrate Integrated Waveguide and Spoof Localized Surface Plasmon Structure. IEEE Transactions on Antennas and Propagation, 2022, 70, 3812-3817.	5.1	5
3	Energy-Efficient Hybrid Beamforming for Multilayer RIS-Assisted Secure Integrated Terrestrial-Aerial Networks. IEEE Transactions on Communications, 2022, 70, 4189-4210.	7.8	37
4	Radar One-Dimensional Range Profile Dynamic Jamming Based on Programmable Metasurface. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1883-1887.	4.0	13
5	An ultraâ€wideband outâ€ofâ€phase power divider based on oddâ€mode spoof surface plasmon polariton. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22583.	1.2	8
6	A narrowâ€band circularly polarized leakyâ€wave antenna with open stopband suppressed. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22647.	1.2	7
7	Single Sensor to Estimate DOA With Programmable Metasurface. IEEE Internet of Things Journal, 2021, 8, 10187-10197.	8.7	57
8	Wideband cavityâ€backed slot array with high gain and high aperture efficiency. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22822.	1.2	0
9	Wideband and Low-Loss Beam-Scanning Circularly Polarized Antenna Based on Air-Filled SIW. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1254-1258.	4.0	15
10	High Gain Antenna Based on Odd-Even Mode Composite Waveguide. , 2021, , .		0
11	The Controllable Amplitude of 1-bit Wideband Column-Programmable Reflection Metasurface. , 2021, , .		0
12	A Design of Dual-frequency 1-bit Unit Cell with Independent Phase Modulation for Reflectarray Antennas. , 2021, , .		0
13	Magnetic Localized Surface Plasmons Filter based on Electric and Magnetic Modes. , 2021, , .		0
14	Broadband circularly polarised stacked antenna with sequentialâ€phase feed technique. IET Microwaves, Antennas and Propagation, 2020, 14, 779-784.	1.4	8
15	A High-Efficiency Reconfigurable Element for Dynamic Metasurface Antenna. IEEE Access, 2020, 8, 87446-87455.	4.2	14
16	Screen Overprinted Flexible Radar Absorber Composed of Planar Resistor Loaded Metamaterials. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1281-1285.	4.0	14
17	Air-Filled Substrate Integrated Waveguide Leaky-Wave Antenna With Wideband and Fixed-Beam Characteristics. IEEE Transactions on Antennas and Propagation, 2020, 68, 7184-7189.	5.1	16
18	Compact and Wideband Octuple-Mode Filter Based on Hybrid Substrate Integrated Waveguide and Spoof Localized Surface Plasmon Structure. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2377-2381.	3.0	18

#	ARTICLE	IF	CITATIONS
19	An SIW antenna utilizing odd-mode spoof surface plasmon polaritons for broadside radiation. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22177.	1.2	4
20	Flexible and Reconfigurable Frequency Selective Surface With Wide Angular Stability Fabricated With Additive Manufacturing Procedure. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2428-2432.	4.0	17
21	A Wideband Out-of-Phase Power Divider Based on Odd-Mode Spoof Surface Plasmon Polaritons. , 2020, , .		0
22	A 3D Bandpass Frequency Selective Structure Utilizing Spoof Surface Plasmon Polaritons for Millimeter-Wave Applications. , 2020, , .		1
23	A Narrow-band Circularly Polarized Microstrip Leaky-wave Antenna With the Open Stopband Suppressed. , 2020, , .		0
24	A Novel Long Slot Air-Filled Substrate Integrated Waveguide Fixed-Beam Leaky-Wave Antenna. , 2020, , .		0
25	A Wide-Angle Narrowband Leaky-Wave Antenna Based on Substrate Integrated Waveguide-Spoof Surface Plasmon Polariton Structure. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1386-1389.	4.0	72
26	Compact effective surface plasmon polariton frequency splitter based on substrate integrated waveguide. Journal Physics D: Applied Physics, 2019, 52, 435103.	2.8	8
27	High gain substrate integrated waveguide beam scanning antenna with sub-array elements. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21816.	1.2	1
28	Adaptive Translational Motion Compensation Method for Rotational Parameter Estimation Under Low SNR Based on HRRP. IEEE Sensors Journal, 2019, 19, 2553-2561.	4.7	3
29	Low-Loss Spoof Surface Plasmon Polariton Based on Folded Substrate Integrated Waveguide. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 222-225.	4.0	22
30	A broadband filter based on hybrid spoof surface plasmon and half-mode substrate integrated waveguide structure. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21558.	1.2	2
31	Slow-Wave Half-Mode Substrate Integrated Waveguide Using Spoof Surface Plasmon Polariton Structure. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 2946-2952.	4.6	91
32	A hybrid substrate-integrated waveguide and spoof surface plasmon-polariton one-layer dual bandpass filter formed by resonant tunneling effect. Applied Physics Express, 2018, 11, 114101.	2.4	27
33	Dual bandpass filter based on hybrid spoof surface plasmon polariton and substrate integrated waveguide structure. , 2018, , .		2
34	Scanning Rate Enhancement of Leaky-Wave Antennas Using Slow-Wave Substrate Integrated Waveguide Structure. IEEE Transactions on Antennas and Propagation, 2018, 66, 3747-3751.	5.1	109
35	Hybrid Spoof Surface Plasmon Polariton and Substrate Integrated Waveguide Transmission Line and Its Application in Filter. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4925-4932.	4.6	162
36	A Wide-Angle and Circularly Polarized Beam-Scanning Antenna Based on Microstrip Spoof Surface Plasmon Polariton Transmission Line. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2538-2541.	4.0	124

#	ARTICLE	IF	CITATIONS
37	Broadband High-Gain SIW Cavity-Backed Circular-Polarized Array Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 1493-1497.	5.1	104
38	An SIW-Based Large-Scale Corporate-Feed Array Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 2969-2976.	5.1	47
39	Compact circular polarised SIW array antenna with high gain and conical beam. Electronics Letters, 2015, 51, 1962-1964.	1.0	19
40	Broadband SIW Sequential Feeding Network. Frequenz, 2014, 68, .	0.9	0
41	Hybrid SIW-GCPW Cruciform Directional Coupler. Frequenz, 2014, 68, .	0.9	2
42	Novel SIW Cavity-Backed Antenna Array Without Using Individual Feeding Network. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 423-426.	4.0	40
43	A Hybrid SIW and GCPW Guided-Wave Structure Coupler. IEEE Microwave and Wireless Components Letters, 2014, 24, 518-520.	3.2	12
44	Hybrid SIW-GCPW Narrow-Wall 3dB Coupler. Frequenz, 2013, 67, .	0.9	4