

Dong-Fang Guan

List of Publications by Year in descending order

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44
papers

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Broadband High-Gain SIW Cavity-Backed Circular-Polarized Array Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 1493-1497. | 5.1 | 104 |
| 5 | 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 |
| 6 | 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 |
| 7 | Single Sensor to Estimate DOA With Programmable Metasurface. IEEE Internet of Things Journal, 2021, 8, 10187-10197. | 8.7 | 57 |
| 8 | An SIW-Based Large-Scale Corporate-Feed Array Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 2969-2976. | 5.1 | 47 |
| 9 | Novel SIW Cavity-Backed Antenna Array Without Using Individual Feeding Network. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 423-426. | 4.0 | 40 |
| 10 | Energy-Efficient Hybrid Beamforming for Multilayer RIS-Assisted Secure Integrated Terrestrial-Aerial Networks. IEEE Transactions on Communications, 2022, 70, 4189-4210. | 7.8 | 37 |
| 11 | 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 |
| 12 | 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 |
| 13 | Compact circular polarised SIW array antenna with high gain and conical beam. Electronics Letters, 2015, 51, 1962-1964. | 1.0 | 19 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | A High-Efficiency Reconfigurable Element for Dynamic Metasurface Antenna. IEEE Access, 2020, 8, 87446-87455. | 4.2 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Screen Overprinted Flexible Radar Absorber Composed of Planar Resistor Loaded Metamaterials. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1281-1285. | 4.0 | 14 |
| 20 | Radar One-Dimensional Range Profile Dynamic Jamming Based on Programmable Metasurface. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1883-1887. | 4.0 | 13 |
| 21 | A Hybrid SIW and GCPW Guided-Wave Structure Coupler. IEEE Microwave and Wireless Components Letters, 2014, 24, 518-520. | 3.2 | 12 |
| 22 | Compact effective surface plasmon polariton frequency splitter based on substrate integrated waveguide. Journal Physics D: Applied Physics, 2019, 52, 435103. | 2.8 | 8 |
| 23 | Broadband circularly polarised stacked antenna with sequentialâ€phase feed technique. IET Microwaves, Antennas and Propagation, 2020, 14, 779-784. | 1.4 | 8 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Hybrid SIW-GCPW Narrow-Wall 3â€dB Coupler. Frequenz, 2013, 67, . | 0.9 | 4 |
| 28 | An SIW antenna utilizing oddâ€mode spoof surface plasmon polaritons for broadside radiation. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22177. | 1.2 | 4 |
| 29 | 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 |
| 30 | Hybrid SIW-GCPW Cruciform Directional Coupler. Frequenz, 2014, 68, . | 0.9 | 2 |
| 31 | Dual bandpass filter based on hybrid spoof surface plasmon polariton and substrate integrated waveguide structure. , 2018, , . | | 2 |
| 32 | A broadband filter based on hybrid spoof surface plasmon and halfâ€mode substrate integrated waveguide structure. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21558. | 1.2 | 2 |
| 33 | 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 |
| 34 | High gain substrate integrated waveguide beam scanning antenna with subâ€array elements. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21816. | 1.2 | 1 |
| 35 | A 3D Bandpass Frequency Selective Structure Utilizing Spoof Surface Plasmon Polaritons for Millimeter-Wave Applications. , 2020, , . | | 1 |
| 36 | Broadband SIW Sequential Feeding Network. Frequenz, 2014, 68, . | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Wideband cavity-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 |
| 38 | A Wideband Out-of-Phase Power Divider Based on Odd-Mode Spoof Surface Plasmon Polaritons. , 2020, , . | | 0 |
| 39 | High Gain Antenna Based on Odd-Even Mode Composite Waveguide. , 2021, , . | | 0 |
| 40 | A Narrow-band Circularly Polarized Microstrip Leaky-wave Antenna With the Open Stopband Suppressed. , 2020, , . | | 0 |
| 41 | A Novel Long Slot Air-Filled Substrate Integrated Waveguide Fixed-Beam Leaky-Wave Antenna. , 2020, , . | | 0 |
| 42 | The Controllable Amplitude of 1-bit Wideband Column-Programmable Reflection Metasurface. , 2021, , . | | 0 |
| 43 | A Design of Dual-frequency 1-bit Unit Cell with Independent Phase Modulation for Reflectarray Antennas. , 2021, , . | | 0 |
| 44 | Magnetic Localized Surface Plasmons Filter based on Electric and Magnetic Modes. , 2021, , . | | 0 |