

Pei Hang He

List of Publications by Year in descending order

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251
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode Analyses of Subwavelength Periodic Metallic Structures With Finite Thickness. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 79-83.	4.0	0
2	Spoof surface plasmon polariton beam splitters integrated with broadband rejection filtering function. Journal Physics D: Applied Physics, 2021, 54, 335105.	2.8	14
3	A Broadband 90° Balun With Low-Phase-Imbalance Performance Based on Periodic Slow Wave Structure. IEEE Transactions on Antennas and Propagation, 2021, 69, 4681-4687.	5.1	5
4	Suppressing High-Power Microwave Pulses Using Spoof Surface Plasmon Polariton Mono-Pulse Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 8069-8079.	5.1	12
5	Active digital spoof plasmonics. National Science Review, 2020, 7, 261-269.	9.5	59
6	A plasmonic route for the integrated wireless communication of subdiffraction-limited signals. Light: Science and Applications, 2020, 9, 113.	16.6	79
7	Crosstalk Suppression Based on Mode Mismatch Between Spoof SPP Transmission Line and Microstrip. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 2267-2275.	2.5	34
8	Planar Spoof SPP Transmission Lines: Applications in Microwave Circuits. IEEE Microwave Magazine, 2019, 20, 73-91.	0.8	38
9	A Wide-Angle Broadband Converter: From Odd-Mode Spoof Surface Plasmon Polaritons to Spatial Waves. IEEE Transactions on Antennas and Propagation, 2019, 67, 7425-7432.	5.1	24
10	Loss Analysis of Plasmonic Metasurfaces Using Field-Network-Joint Method. IEEE Transactions on Antennas and Propagation, 2019, 67, 3521-3526.	5.1	17
11	A novel spoof surface plasmon polariton structure to reach ultra-strong field confinements. Opto-Electronic Advances, 2019, 2, 19000101-19000107.	13.3	25
12	Pass-band reconfigurable spoof surface plasmon polaritons. Journal of Physics Condensed Matter, 2018, 30, 134004.	1.8	42
13	Dispersion Analysis of Deep-Subwavelength-Decorated Metallic Surface Using Field-Network Joint Solution. IEEE Transactions on Antennas and Propagation, 2018, 66, 2923-2933.	5.1	25
14	Shielding Spoof Surface Plasmon Polariton Transmission Lines Using Dielectric Box. IEEE Microwave and Wireless Components Letters, 2018, 28, 1077-1079.	3.2	8
15	A Multi-Layer Spoof Surface Plasmon Polariton Waveguide With Corrugated Ground. IEEE Access, 2017, 5, 25306-25311.	4.2	14
16	Characteristic Impedance Extraction of Spoof Surface Plasmon Polariton Waveguides. Journal Physics D: Applied Physics, 0, , .	2.8	16