

Pei Hang He

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

412
citations

840776

11
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1058476

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g-index

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all docs

16
docs citations

16
times ranked

251
citing authors

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