

Xu-Chen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

580
citations

932766

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1125271

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docs citations

20
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and Robust Characterization of Lossy Dielectric Slabs Using Rectangular Waveguides. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2341-2350.	2.9	4
2	Coherent Asymmetric Absorbers. Physical Review Applied, 2022, 17, .	1.5	6
3	Angularly tunable perfect absorption in graphene-mushroom hybrid structure for all angles. Applied Physics Letters, 2021, 118, .	1.5	12
4	Time-Varying Components for Enhancing Wireless Transfer of Power and Information. Physical Review Applied, 2021, 16, .	1.5	18
5	Space-Time Metasurfaces for Power Combining of Waves. ACS Photonics, 2021, 8, 3034-3041.	3.2	26
6	Multiple-Beam Power Combining Using Space-Time Metasurfaces. , 2021, , .		0
7	Coherent Asymmetric Absorber. , 2021, , .		0
8	Dispersion of Surface Waves above Time-Varying Reactive Boundaries. , 2021, , .		0
9	From Tunable and Reconfigurable to Space-Time Modulated Multifunctional Metasurfaces. , 2021, , .		1
10	Multifunctional Nonreciprocal Metasurfaces Based on Spatiotemporal Modulation. , 2020, , .		0
11	Independent Control of Multiple Channels in Metasurface Devices. Physical Review Applied, 2020, 14, .	1.5	30
12	Toward Intelligent Metasurfaces: The Progress from Globally Tunable Metasurfaces to Software-Defined Metasurfaces with an Embedded Network of Controllers. Advanced Optical Materials, 2020, 8, 2000783.	3.6	145
13	Theory and Design of Multifunctional Space-Time Metasurfaces. Physical Review Applied, 2020, 13, .	1.5	75
14	Nonreciprocity in Bianisotropic Systems with Uniform Time Modulation. Physical Review Letters, 2020, 125, 266102.	2.9	43
15	Tunable Wave Isolators Based on Space-time Modulated Graphene Sheets. , 2019, , .		0
16	Toward Ultimate Control of Terahertz Wave Absorption in Graphene. IEEE Transactions on Antennas and Propagation, 2019, 67, 2452-2461.	3.1	44
17	Systematic Design of Printable Metasurfaces: Validation Through Reverse-Offset Printed Millimeter-Wave Absorbers. IEEE Transactions on Antennas and Propagation, 2018, 66, 1340-1351.	3.1	32
18	Extreme Asymmetry in Metasurfaces via Evanescent Fields Engineering: Angular-Asymmetric Absorption. Physical Review Letters, 2018, 121, 256802.	2.9	66

#	ARTICLE	IF	CITATIONS
19	Programmable Metasurfaces: State of the Art and Prospects. , 2018, , .		49
20	An Accurate Method for Measuring the Sheet Impedance of Thin Conductive Films at Microwave and Millimeter-Wave Frequencies. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 5009-5018.	2.9	29