

Xu-Chen Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5266064/publications.pdf>

Version: 2024-02-01

20
papers

580
citations

932766

10
h-index

1125271

13
g-index

20
all docs

20
docs citations

20
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Intelligent Metasurfaces: The Progress from Globally Tunable Metasurfaces to Software-Defined Metasurfaces with an Embedded Network of Controllers. <i>Advanced Optical Materials</i> , 2020, 8, 2000783.	3.6	145
2	Theory and Design of Multifunctional Space-Time Metasurfaces. <i>Physical Review Applied</i> , 2020, 13, .	1.5	75
3	Extreme Asymmetry in Metasurfaces via Evanescent Fields Engineering: Angular-Asymmetric Absorption. <i>Physical Review Letters</i> , 2018, 121, 256802.	2.9	66
4	Programmable Metasurfaces: State of the Art and Prospects. , 2018, , .		49
5	Toward Ultimate Control of Terahertz Wave Absorption in Graphene. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 2452-2461.	3.1	44
6	Nonreciprocity in Bianisotropic Systems with Uniform Time Modulation. <i>Physical Review Letters</i> , 2020, 125, 266102.	2.9	43
7	Systematic Design of Printable Metasurfaces: Validation Through Reverse-Offset Printed Millimeter-Wave Absorbers. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 1340-1351.	3.1	32
8	Independent Control of Multiple Channels in Metasurface Devices. <i>Physical Review Applied</i> , 2020, 14, .	1.5	30
9	An Accurate Method for Measuring the Sheet Impedance of Thin Conductive Films at Microwave and Millimeter-Wave Frequencies. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 5009-5018.	2.9	29
10	Space-Time Metasurfaces for Power Combining of Waves. <i>ACS Photonics</i> , 2021, 8, 3034-3041.	3.2	26
11	Time-Varying Components for Enhancing Wireless Transfer of Power and Information. <i>Physical Review Applied</i> , 2021, 16, .	1.5	18
12	Angularly tunable perfect absorption in graphene-mushroom hybrid structure for all angles. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	12
13	Coherent Asymmetric Absorbers. <i>Physical Review Applied</i> , 2022, 17, .	1.5	6
14	Fast and Robust Characterization of Lossy Dielectric Slabs Using Rectangular Waveguides. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 2341-2350.	2.9	4
15	From Tunable and Reconfigurable to Space-Time Modulated Multifunctional Metasurfaces. , 2021, , .		1
16	Tunable Wave Isolators Based on Space-time Modulated Graphene Sheets. , 2019, , .		0
17	Multifunctional Nonreciprocal Metasurfaces Based on Spatiotemporal Modulation. , 2020, , .		0
18	Multiple-Beam Power Combining Using Space-Time Metasurfaces. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Coherent Asymmetric Absorber. , 2021, , .		0
20	Dispersion of Surface Waves above Time-Varying Reactive Boundaries. , 2021, , .		0