

Xin Ge Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9479285/publications.pdf>

Version: 2024-02-01

22
papers

817
citations

759233

12
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-controllable time-domain digital coding metasurfaces. <i>Advanced Photonics</i> , 2022, 4, .	11.8	13
2	A metasurface-based light-to-microwave transmitter for hybrid wireless communications. <i>Light: Science and Applications</i> , 2022, 11, 126.	16.6	47
3	Programmable Controlling of Multiple Spatial Harmonics via a Nonlinearly Phased Grating Metasurface. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	16
4	Smart Doppler Cloak Operating in Broad Band and Full Polarizations. <i>Advanced Materials</i> , 2021, 33, e2007966.	21.0	52
5	Self-adaptive metasurface platform based on computer vision. <i>Optics Letters</i> , 2021, 46, 3520.	3.3	10
6	Dual-band Reconfigurable Fabry-Pérot Cavity Antenna Based on Metasurface. , 2021, , .		0
7	Decoupling Control of Orthogonally-Polarized Waves Via Dual-Programmable Metasurfaces. , 2021, , .		0
8	Pattern-Reconfigurable Planar Array Antenna Characterized by Digital Coding Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 1170-1175.	5.1	60
9	An Ultrawideband and Dual-Beam Scanning Array Antenna Charactered by Coding Method. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 2211-2215.	4.0	4
10	Programmable Metasurfaces: Polarization-Controlled Dual-Programmable Metasurfaces (Adv. Sci.) Tj ETQq0 0 0, rgBT /Overlock 10 T	11.2	7
11	An optically driven digital metasurface for programming electromagnetic functions. <i>Nature Electronics</i> , 2020, 3, 165-171.	26.0	203
12	Polarization-Controlled Dual-Programmable Metasurfaces. <i>Advanced Science</i> , 2020, 7, 1903382.	11.2	112
13	Dual-band reconfigurable metasurface-assisted Fabry-Pérot antenna with high-gain radiation and low scattering. <i>IET Microwaves, Antennas and Propagation</i> , 2020, 14, 1933-1942.	1.4	10
14	Intensity-Dependent Metasurface with Digitally Reconfigurable Distribution of Nonlinearity. <i>Advanced Optical Materials</i> , 2019, 7, 1900792.	7.3	33
15	Millimeter-Wave Digital Coding Metasurfaces Based on Nematic Liquid Crystals. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900141.	2.8	31
16	Computationally Efficient CN-PML for EM Simulations. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019, 67, 4646-4655.	4.6	22
17	Digital Coding: Millimeter-Wave Digital Coding Metasurfaces Based on Nematic Liquid Crystals (Adv.) Tj ETQq1 1 0,784314, rgBT /O	2.8	0
18	Digital Metasurfaces: Light-Controllable Digital Coding Metasurfaces (Adv. Sci. 11/2018). <i>Advanced Science</i> , 2018, 5, 1870068.	11.2	4

#	ARTICLE	IF	CITATIONS
19	Low-profile coding microstrip antenna arrays. , 2018, , .		0
20	Controlling Radiation Beams by Low-Profile Planar Antenna Arrays with Coding Elements. ACS Omega, 2018, 3, 10601-10611.	3.5	20
21	Frequency-dependent transmission-type digital coding metasurface controlled by light intensity. Applied Physics Letters, 2018, 113, .	3.3	36
22	Light-Controllable Digital Coding Metasurfaces. Advanced Science, 2018, 5, 1801028.	11.2	136