

# Xin Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8214959/publications.pdf>

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18  
papers

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citations

686830

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887659

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times ranked

552  
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#	ARTICLE	IF	CITATIONS
1	Plasmonic Metasurfaces for Simultaneous Thermal Infrared Invisibility and Holographic Illusion. <i>Advanced Functional Materials</i> , 2018, 28, 1706673.	7.8	151
2	Generalized Pancharatnam-Berry Phase in Rotationally Symmetric Meta-Atoms. <i>Physical Review Letters</i> , 2021, 126, 183902.	2.9	95
3	Multistate Switching of Photonic Angular Momentum Coupling in Phase-Change Metadevices. <i>Advanced Materials</i> , 2020, 32, e1908194.	11.1	88
4	Off-axis multi-wavelength dispersion controlling metalens for multi-color imaging. <i>Opto-Electronic Advances</i> , 2020, 3, 19000501-19000507.	6.4	85
5	Hierarchical metamaterials for laser-infrared-microwave compatible camouflage. <i>Optics Express</i> , 2020, 28, 9445.	1.7	60
6	Heat Resisting Metallic Meta-Skin for Simultaneous Microwave Broadband Scattering and Infrared Invisibility Based on Catenary Optical Field. <i>Advanced Materials Technologies</i> , 2019, 4, 1800612.	3.0	32
7	Metasurface-Based Lens for Antenna Gain Enhancement and Radar Cross Section Reduction. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	1.0	30
8	All-metallic geometric metasurfaces for broadband and high-efficiency wavefront manipulation. <i>Nanophotonics</i> , 2020, 9, 3209-3215.	2.9	28
9	Dual-Functional Metasurface toward Giant Linear and Circular Dichroism. <i>Advanced Optical Materials</i> , 2020, 8, 1902061.	3.6	24
10	Metallic nanomesh for high-performance transparent electromagnetic shielding. <i>Optical Materials Express</i> , 2020, 10, 796.	1.6	22
11	Large-Area and Low-Cost Nanoslit-Based Flexible Metasurfaces for Multispectral Electromagnetic Wave Manipulation. <i>Advanced Optical Materials</i> , 2019, 7, 1900657.	3.6	19
12	Chirality-Assisted Aharonov-Anandan Geometric-Phase Metasurfaces for Spin-Decoupled Phase Modulation. <i>ACS Photonics</i> , 2021, 8, 1847-1855.	3.2	17
13	High-Efficiency and Tunable Circular Polarization Beam Splitting with a Liquid-Filled All-Metallic Catenary Meta-Mirror. <i>Advanced Materials Technologies</i> , 2019, 4, 1900334.	3.0	16
14	Dual-band and ultra-broadband photonic spin-orbit interaction for electromagnetic shaping based on single-layer silicon metasurfaces. <i>Photonics Research</i> , 2019, 7, 586.	3.4	12
15	Broadband Multichannel Cylindrical Vector Beam Generation by a Single Metasurface. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	12
16	Switchable Quarter-Wave Plate and Half-Wave Plate Based on Phase-Change Metasurface. <i>IEEE Photonics Journal</i> , 2020, 12, 1-10.	1.0	11
17	Spin-decoupled metasurface for broadband and pixel-saving polarization rotation and wavefront control. <i>Optics Express</i> , 2021, 29, 25720.	1.7	7
18	Catenary Optics: Heat Resisting Metallic Meta-Skin for Simultaneous Microwave Broadband Scattering and Infrared Invisibility Based on Catenary Optical Field ( <i>Adv. Mater. Technol.</i> 2/2019). <i>Advanced Materials Technologies</i> , 2019, 4, 1970012.	3.0	0