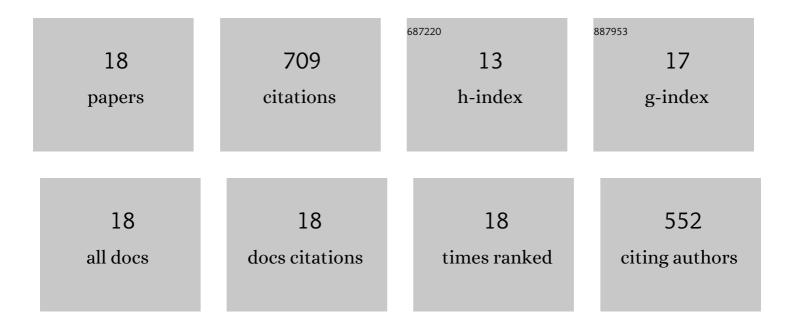


## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8214959/publications.pdf Version: 2024-02-01



XIN XIE

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