

Dandan Wen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/180958/publications.pdf>

Version: 2024-02-01

22
papers

1,869
citations

516710

16
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1638
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Helicity multiplexed broadband metasurface holograms. Nature Communications, 2015, 6, 8241. | 12.8 | 755 |
| 2 | Multichannel Polarization-Controllable Superpositions of Orbital Angular Momentum States. Advanced Materials, 2017, 29, 1603838. | 21.0 | 213 |
| 3 | Longitudinal Multifoci Metalens for Circularly Polarized Light. Advanced Optical Materials, 2015, 3, 1201-1206. | 7.3 | 203 |
| 4 | High-resolution grayscale image hidden in a laser beam. Light: Science and Applications, 2018, 7, 17129-17129. | 16.6 | 140 |
| 5 | Metasurface Device with Helicity-Dependent Functionality. Advanced Optical Materials, 2016, 4, 321-327. | 7.3 | 107 |
| 6 | Multifunctional Light Sword Metasurface Lens. ACS Photonics, 2018, 5, 1794-1799. | 6.6 | 81 |
| 7 | Multifunctional Dielectric Metasurfaces Consisting of Color Holograms Encoded into Color Printed Images. Advanced Functional Materials, 2020, 30, 1906415. | 14.9 | 63 |
| 8 | Geometric Metasurfaces for Ultrathin Optical Devices. Advanced Optical Materials, 2018, 6, 1800348. | 7.3 | 58 |
| 9 | Multifunctional metasurface lens for imaging and Fourier transform. Scientific Reports, 2016, 6, 27628. | 3.3 | 54 |
| 10 | Conformable Holographic Metasurfaces. Scientific Reports, 2017, 7, 4520. | 3.3 | 34 |
| 11 | Vectorial Holograms with Spatially Continuous Polarization Distributions. Nano Letters, 2021, 21, 1735-1741. | 9.1 | 32 |
| 12 | Plasmonic metasurface for optical rotation. Applied Physics Letters, 2017, 111, . | 3.3 | 20 |
| 13 | Light field on a chip: metasurface-based multicolor holograms. Advanced Photonics, 2021, 3, . | 11.8 | 19 |
| 14 | Metasurfaces 2.0: Laser-integrated and with vector field control. APL Photonics, 2021, 6, 080902. | 5.7 | 18 |
| 15 | Compact Chemical Identifier Based on Plasmonic Metasurface Integrated with Microbolometer Array. Laser and Photonics Reviews, 2022, 16, . | 8.7 | 17 |
| 16 | Geometric Phase Generated Optical Illusion. Scientific Reports, 2017, 7, 11440. | 3.3 | 16 |
| 17 | VCSELs with On-Facet Metasurfaces for Polarization State Generation and Detection. Advanced Optical Materials, 2021, 9, 2001780. | 7.3 | 14 |
| 18 | Broadband Multichannel Cylindrical Vector Beam Generation by a Single Metasurface. Laser and Photonics Reviews, 2022, 16, . | 8.7 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Reconsidering metasurface lasers. Nature Photonics, 2021, 15, 337-338. | 31.4 | 9 |
| 20 | Compact, Lightweight, and Filter-Free: An All-Si Microspectrometer Chip for Visible Light Spectroscopy. ACS Photonics, 0, , . | 6.6 | 3 |
| 21 | Multicolor hologram based on plasmonic nanohole arrays and detour phase: design and simulation. , 2021, , . | | 1 |
| 22 | Unusual ultrathin optical devices: Metasurfaces make them practical. , 2016, , . | | 0 |