

ChengChun Tang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4006718/publications.pdf>

Version: 2024-02-01

21
papers

1,273
citations

516215

16
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752256

20
g-index

21
all docs

21
docs citations

21
times ranked

1551
citing authors

#	ARTICLE	IF	CITATIONS
1	Multichannel vectorial holographic display and encryption. Light: Science and Applications, 2018, 7, 95.	7.7	291
2	Dielectric Huygens TM Metasurface for High-Efficiency Hologram Operating in Transmission Mode. Scientific Reports, 2016, 6, 30613.	1.6	113
3	Metasurface Enabled Wide \angle Fourier Lens. Advanced Materials, 2018, 30, e1706368.	11.1	112
4	Controllable optical activity with non-chiral plasmonic metasurfaces. Light: Science and Applications, 2016, 5, e16096-e16096.	7.7	70
5	High \angle Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinorod Metasurfaces. Advanced Functional Materials, 2015, 25, 5428-5434.	7.8	69
6	Energy \angle Tailorable Spin \angle Selective Multifunctional Metasurfaces with Full Fourier Components. Advanced Materials, 2019, 31, e1901729.	11.1	69
7	Electromechanically reconfigurable optical nano-kirigami. Nature Communications, 2021, 12, 1299.	5.8	61
8	Thickness-Dependently Enhanced Photodetection Performance of Vertically Grown SnS ₂ Nanoflakes with Large Size and High Production. ACS Applied Materials & Interfaces, 2018, 10, 18073-18081.	4.0	56
9	Nanoscale Polarization Manipulation and Encryption Based on Dielectric Metasurfaces. Advanced Optical Materials, 2018, 6, 1800490.	3.6	56
10	Selective Diffraction with Complex Amplitude Modulation by Dielectric Metasurfaces. Advanced Optical Materials, 2018, 6, 1701181.	3.6	53
11	Two-Photon Rabi Splitting in a Coupled System of a Nanocavity and Exciton Complexes. Physical Review Letters, 2018, 120, 213901.	2.9	53
12	Bidirectional Perfect Absorber Using Free Substrate Plasmonic Metasurfaces. Advanced Optical Materials, 2017, 5, 1700152.	3.6	52
13	Quantitatively Correlated Amplitude Holography Based on Photon Sieves. Advanced Optical Materials, 2020, 8, 1901169.	3.6	45
14	Tripling the Capacity of Optical Vortices by Nonlinear Metasurface. Laser and Photonics Reviews, 2018, 12, 1800164.	4.4	44
15	Optical Information Multiplexing with Nonlinear Coding Metasurfaces. Laser and Photonics Reviews, 2019, 13, 1900045.	4.4	41
16	Excitation of ultrasharp trapped-mode resonances in mirror-symmetric metamaterials. Physical Review B, 2016, 93, .	1.1	39
17	Highly Sensitive, Low Voltage Operation, and Low Power Consumption Resistive Strain Sensors Based on Vertically Oriented Graphene Nanosheets. Advanced Materials Technologies, 2019, 4, 1800572.	3.0	15
18	Wafer Scale Mapping and Statistical Analysis of Radio Frequency Characteristics in Highly Uniform CVD Graphene Transistors. Advanced Electronic Materials, 2019, 5, 1800711.	2.6	12

#	ARTICLE	IF	CITATIONS
19	A Bilayer Plasmonic Metasurface for Polarization-Insensitive Bidirectional Perfect Absorption. <i>Advanced Theory and Simulations</i> , 2020, 3, 1900216.	1.3	12
20	Magnetic properties in Laves phase $Ce_xDy_{1-x}Fe_2$ intermetallics. <i>Journal of Applied Physics</i> , 1997, 82, 4424-4427.	1.1	10
21	Beam Deflectors: High-Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinorod Metasurfaces (<i>Adv. Funct. Mater.</i> 34/2015). <i>Advanced Functional Materials</i> , 2015, 25, 5567-5567.	7.8	0