

Vin-Cent Su

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1782299/publications.pdf>

Version: 2024-02-01

19
papers

3,262
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

2422
citing authors

#	ARTICLE	IF	CITATIONS
1	A broadband achromatic metalens in the visible. <i>Nature Nanotechnology</i> , 2018, 13, 227-232.	31.5	1,146
2	Broadband achromatic optical metasurface devices. <i>Nature Communications</i> , 2017, 8, 187.	12.8	713
3	Achromatic metalens array for full-colour light-field imaging. <i>Nature Nanotechnology</i> , 2019, 14, 227-231.	31.5	408
4	GaN Metalens for Pixel-Level Full-Color Routing at Visible Light. <i>Nano Letters</i> , 2017, 17, 6345-6352.	9.1	312
5	Metalens-array-based high-dimensional and multiphoton quantum source. <i>Science</i> , 2020, 368, 1487-1490.	12.6	239
6	Advances in optical metasurfaces: fabrication and applications [Invited]. <i>Optics Express</i> , 2018, 26, 13148.	3.4	235
7	Vacuum ultraviolet nonlinear metalens. <i>Science Advances</i> , 2022, 8, eabn5644.	10.3	57
8	Suppressed quantum-confined Stark effect in InGaN-based LEDs with nano-sized patterned sapphire substrates. <i>Optics Express</i> , 2013, 21, 30065.	3.4	43
9	Meta-lens light-sheet fluorescence microscopy for <i>in vivo</i> imaging. <i>Nanophotonics</i> , 2022, 11, 1949-1959.	6.0	20
10	Metasurface-Based Abrupt Autofocusing Beam for Biomedical Applications. <i>Small Methods</i> , 2022, 6, e2101228.	8.6	20
11	High-performance gallium nitride dielectric metalenses for imaging in the visible. <i>Scientific Reports</i> , 2021, 11, 6500.	3.3	18
12	Polarization-insensitive GaN metalenses at visible wavelengths. <i>Scientific Reports</i> , 2021, 11, 14541.	3.3	14
13	Remote GaN metalens applied to white light-emitting diodes. <i>Optics Express</i> , 2020, 28, 38883.	3.4	12
14	Influence of patterned sapphire substrates with different symmetry on the light output power of InGaN-based LEDs. <i>Nanoscale Research Letters</i> , 2014, 9, 596.	5.7	11
15	Defect reduction in GaN on dome-shaped patterned-sapphire substrates. <i>Optical Materials</i> , 2018, 76, 368-374.	3.6	8
16	Utilizing Two-Dimensional Photonic Crystals in Different Arrangement to Investigate the Correlation Between the Air Duty Cycle and the Light Extraction Enhancement of InGaN-Based Light-Emitting Diodes. <i>IEEE Photonics Journal</i> , 2014, 6, 1-8.	2.0	3
17	Gallium Nitride Metalens for Image Decryption. <i>Crystals</i> , 2021, 11, 1320.	2.2	3
18	Partially green small molecule solar cells. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Efficiency improvement of InGaN LEDs at elevated temperature with dome-shaped patterned-sapphire substrates. , 2021, , .		0