

Nicholas Karl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1666787/publications.pdf>

Version: 2024-02-01

14
papers

214
citations

1162367

8
h-index

1473754

9
g-index

14
all docs

14
docs citations

14
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency Conversion in a Time-Variant Dielectric Metasurface. Nano Letters, 2020, 20, 7052-7058.	4.5	45
2	Terahertz Artificial Dielectric Lens. Scientific Reports, 2016, 6, 23023.	1.6	41
3	All-optical tuning of symmetry protected quasi bound states in the continuum. Applied Physics Letters, 2019, 115, .	1.5	36
4	Nonlinear terahertz metamaterials with active electrical control. Applied Physics Letters, 2017, 111, .	1.5	31
5	Integrated Optical Addressing of a Trapped Ytterbium Ion. Physical Review X, 2021, 11, .	2.8	19
6	Ultrafast all-optical diffraction switching using semiconductor metasurfaces. Applied Physics Letters, 2021, 118, .	1.5	14
7	Characterization of an active metasurface using terahertz ellipsometry. Applied Physics Letters, 2017, 111, .	1.5	13
8	Cascaded Optical Nonlinearities in Dielectric Metasurfaces. ACS Photonics, 2022, 9, 1026-1032.	3.2	12
9	Structural tuning of nonlinear terahertz metamaterials using broadside coupled split ring resonators. AIP Advances, 2021, 11, .	0.6	3
10	Theoretical and experimental determination of surface susceptibility of switchable terahertz metasurfaces. , 2016, , .		0
11	Characterization of switchable terahertz metasurfaces. , 2016, , .		0
12	Terahertz phase modulation in a slab waveguide metasurface. , 2017, , .		0
13	Frequency Conversion in a Dielectric Time-Variant Metasurface via Optical Pumping. , 2020, , .		0
14	Ultrafast Diffraction Switching Using GaAs Metasurfaces. , 2020, , .		0