

Nicholas Karl

List of Publications by Year in descending order

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Version: 2024-02-01

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14
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283
citing authors

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