

Soham Saha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2884819/publications.pdf>

Version: 2024-02-01

12
papers

534
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

742
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-loss plasmon-assisted electro-optic modulator. <i>Nature</i> , 2018, 556, 483-486.	27.8	312
2	Broadband Ultrafast Dynamics of Refractory Metals: TiN and ZrN. <i>Advanced Optical Materials</i> , 2020, 8, 2000652.	7.3	45
3	Broadband, High-Speed, and Large-Amplitude Dynamic Optical Switching with Yttrium-Doped Cadmium Oxide. <i>Advanced Functional Materials</i> , 2020, 30, 1908377.	14.9	38
4	On-Chip Hybrid Photonic-Plasmonic Waveguides with Ultrathin Titanium Nitride Films. <i>ACS Photonics</i> , 2018, 5, 4423-4431.	6.6	36
5	Transparent conducting oxides: from all-dielectric plasmonics to a new paradigm in integrated photonics. <i>Advances in Optics and Photonics</i> , 2022, 14, 148.	25.5	34
6	High-harmonic generation in metallic titanium nitride. <i>Nature Communications</i> , 2021, 12, 4981.	12.8	22
7	Extraordinarily large permittivity modulation in zinc oxide for dynamic nanophotonics. <i>Materials Today</i> , 2021, 43, 27-36.	14.2	20
8	Transdimensional material platforms for tunable metasurface design. <i>MRS Bulletin</i> , 2020, 45, 188-195.	3.5	11
9	Chip-Compatible Quantum Plasmonic Launcher. <i>Advanced Optical Materials</i> , 2020, 8, 2000889.	7.3	8
10	Understanding all-optical switching at the epsilon-near-zero point: a tutorial review. <i>Applied Physics B: Lasers and Optics</i> , 2022, 128, 1.	2.2	7
11	Ultrafast Tunable Metasurface with Transparent Conducting Oxide Antenna Array. , 2018, , .		1
12	Extraordinary Permittivity Modulation in Zinc Oxide for Ultrafast Dynamic Nanophotonics. , 2020, , .		0