

Xudong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

290
citations

1307594

7
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene controlled Brewster angle device for ultra broadband terahertz modulation. Nature Communications, 2018, 9, 4909.	12.8	117
2	Graphene Based Terahertz Light Modulator in Total Internal Reflection Geometry. Advanced Optical Materials, 2017, 5, 1600697.	7.3	41
3	Exploiting total internal reflection geometry for efficient optical modulation of terahertz light. APL Photonics, 2016, 1, .	5.7	29
4	Invited Article: An active terahertz polarization converter employing vanadium dioxide and a metal wire grating in total internal reflection geometry. APL Photonics, 2018, 3, .	5.7	29
5	Highly Sensitive Terahertz Thin-Film Total Internal Reflection Spectroscopy Reveals in Situ Photoinduced Structural Changes in Methylammonium Lead Halide Perovskites. Journal of Physical Chemistry C, 2018, 122, 17552-17558.	3.1	21
6	Terahertz topological photonic waveguide switch for on-chip communication. Photonics Research, 2022, 10, 1090.	7.0	21
7	Graphene-loaded metal wire grating for deep and broadband THz modulation in total internal reflection geometry. Photonics Research, 2018, 6, 1151.	7.0	20
8	Deep THz modulation at Fabry-Perot resonances using graphene in periodic microslits. Optics Express, 2021, 29, 6199.	3.4	7
9	Ultrabroadband electrically controllable terahertz modulation based on GaAs Schottky diode structure. APL Photonics, 2021, 6, .	5.7	5
10	Total Internal Reflection Geometry for Sensitive THz Material Characterization. , 2018, , .		0
11	Simulation Studying for a THz Modulator with Resonance Cavity Coupled to Graphene-loaded Metal Wire Grating. , 2019, , .		0