

Xudong Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6465231/publications.pdf>

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	Terahertz topological photonic waveguide switch for on-chip communication. Photonics Research, 2022, 10, 1090.	7.0	21
2	Deep THz modulation at Fabry-Perot resonances using graphene in periodic microslits. Optics Express, 2021, 29, 6199.	3.4	7
3	Ultrabroadband electrically controllable terahertz modulation based on GaAs Schottky diode structure. APL Photonics, 2021, 6, .	5.7	5
4	Simulation Studying for a THz Modulator with Resonance Cavity Coupled to Graphene-loaded Metal Wire Grating. , 2019, , .		0
5	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
6	Total Internal Reflection Geometry for Sensitive THz Material Characterization. , 2018, , .		0
7	Graphene controlled Brewster angle device for ultra broadband terahertz modulation. Nature Communications, 2018, 9, 4909.	12.8	117
8	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
9	Graphene-loaded metal wire grating for deep and broadband THz modulation in total internal reflection geometry. Photonics Research, 2018, 6, 1151.	7.0	20
10	Graphene Based Terahertz Light Modulator in Total Internal Reflection Geometry. Advanced Optical Materials, 2017, 5, 1600697.	7.3	41
11	Exploiting total internal reflection geometry for efficient optical modulation of terahertz light. APL Photonics, 2016, 1, .	5.7	29