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Graphene based terahertz phase modulators

DOI: 10.1088/2053-1583/aabfaa
2D Materials, 2018, 5, 035018.

Source: <https://exaly.com/paper-pdf/68856514/citation-report.pdf>

Version: 2024-04-27

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#	Paper	IF	Citations
71	Hybrid Surface Plasmon Polariton Wave Generation and Modulation by Chiral-Graphene-Metal (CGM) Structure. <i>Scientific Reports</i> , 2018 , 8, 18029	4.9	12
70	Graphene-based Tunable Terahertz Metamaterial Absorber with High Absorptivity. 2018 ,		
69	Nonlinear Modulation of Plasmonic Resonances in Graphene-Integrated Triangular Dimers at Terahertz Frequencies. <i>Materials</i> , 2019 , 12,	3.5	2
68	High-yield fabrication method for high-frequency graphene devices using titanium sacrificial layers. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2019 , 37, 041801	1.3	3
67	Experimental near infrared absorption enhancement of graphene layers in an optical resonant cavity. <i>Nanotechnology</i> , 2019 , 30, 445201	3.4	9
66	Hysteretic behavior in ion gel-graphene hybrid terahertz modulator. <i>Carbon</i> , 2019 , 155, 514-520	10.4	9
65	Transmission Properties of FeCl-Intercalated Graphene and WS Thin Films for Terahertz Time-Domain Spectroscopy Applications. <i>Nanoscale Research Letters</i> , 2019 , 14, 225	5	3
64	Parabolic pulse regeneration in normal dispersion-decreasing fibers and its equivalent substitutes in presence of third-order dispersion. <i>Applied Physics B: Lasers and Optics</i> , 2019 , 125, 1	1.9	3
63	Terahertz band communication systems: Challenges, novelties and standardization efforts. <i>Physical Communication</i> , 2019 , 35, 100700	2.2	43
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54	Modulators for mid-infrared and terahertz light. <i>Journal of Applied Physics</i> , 2020 , 128, 140903	2.5	6
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52	Ultra-black and self-cleaning all carbon nanotube hybrid films for efficient water desalination and purification. <i>Carbon</i> , 2020 , 169, 134-141	10.4	22
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46	Asymmetric dual-grating gates graphene FET for detection of terahertz radiations. <i>APL Photonics</i> , 2020 , 5, 066102	5.2	12
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