

Mei Qi

List of Publications by Year in descending order

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22
papers

651
citations

686830

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676716

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docs citations

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1121
citing authors

#	ARTICLE	IF	CITATIONS
1	A MoSe ₂ /WSe ₂ Heterojunction-Based Photodetector at Telecommunication Wavelengths. <i>Advanced Functional Materials</i> , 2018, 28, 1804388.	7.8	95
2	High photoresponsivity and broadband photodetection with a band-engineered WSe ₂ /SnSe ₂ heterostructure. <i>Nanoscale</i> , 2019, 11, 3240-3247.	2.8	84
3	Hydrogen Kinetics on Scalable Graphene Growth by Atmospheric Pressure Chemical Vapor Deposition with Acetylene. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14348-14353.	1.5	72
4	Scalable synthesis of pyrrolic N-doped graphene by atmospheric pressure chemical vapor deposition and its terahertz response. <i>Carbon</i> , 2013, 62, 330-336.	5.4	61
5	Graphene-coated tilted fiber-Bragg grating for enhanced sensing in low-refractive-index region. <i>Optics Letters</i> , 2015, 40, 3994.	1.7	53
6	Graphene "metamaterial hybridization for enhanced terahertz response. <i>Carbon</i> , 2014, 78, 102-112.	5.4	47
7	Terahertz wave reflection impedance matching properties of graphene layers at oblique incidence. <i>Carbon</i> , 2016, 96, 1129-1137.	5.4	47
8	Graphene actively Q-switched lasers. <i>2D Materials</i> , 2017, 4, 025095.	2.0	34
9	Photoresponse of Graphene-Gated Graphene-GaSe Heterojunction Devices. <i>ACS Applied Nano Materials</i> , 2018, 1, 3895-3902.	2.4	23
10	Improving Terahertz Sheet Conductivity of Graphene Films Synthesized by Atmospheric Pressure Chemical Vapor Deposition with Acetylene. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15054-15060.	1.5	20
11	Passively Mode-Locked Radially Polarized Nd-Doped Yttrium Aluminum Garnet Laser Based on Graphene-Based Saturable Absorber. <i>Applied Physics Express</i> , 2013, 6, 082701.	1.1	18
12	High repetition rate Q-switched radially polarized laser with a graphene-based output coupler. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	17
13	CW Mode-Locked 1.908 Åm Tm:LiYF ₄ Slab Laser Based on an Output-Coupling Graphene Saturable Absorber Mirror. <i>Applied Physics Express</i> , 2013, 6, 102701.	1.1	13
14	Active synchronization and modulation of fiber lasers with a graphene electro-optic modulator. <i>Optics Letters</i> , 2018, 43, 3497.	1.7	12
15	High-power diode-side-pumped Nd:YAG solid laser mode-locked by CVD graphene. <i>Optics Communications</i> , 2014, 315, 204-207.	1.0	10
16	Anisotropic Second-Harmonic Generation Induced by Reduction of In-Plane Symmetry in 2D Materials with Strain Engineering. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 352-361.	2.1	10
17	Direct Growth of Graphene on Fused Quartz by Atmospheric Pressure Chemical Vapor Deposition with Acetylene. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2370-2377.	1.5	9
18	Dispersion Property and Evolution of Second Harmonic Generation Pattern in Type-I and Type-II van der Waals Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27334-27342.	4.0	7

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19	Saturable Absorption and Bistable Switching of Single Mode Fiber Core-Guided Light by a 6 μm Thick, Few Layers Graphene Coating on the Cladding Surface. <i>Annalen Der Physik</i> , 2020, 532, 2000157.	0.9	6
20	Study on temperature-dependent carrier transport for bilayer graphene. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015, 69, 115-120.	1.3	4
21	Accurately Controlling Angle-Resolved Second Harmonic Generation by Stacking Orders from a MoS ₂ Homobilayer. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10584-10592.	1.5	4
22	Optical modulation characteristics of graphene supercapacitors at oblique incidence in visible-infrared region. <i>Solid-State Electronics</i> , 2017, 131, 1-8.	0.8	3