

Anqi Yu

List of Publications by Year in descending order

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1478505

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#	ARTICLE	IF	CITATIONS
1	Optoelectronic Synapses Based on Photoinduced Doping in MoS ₂ /h-BN Field-Effect Transistors. <i>Advanced Optical Materials</i> , 2021, 9, 2100937.	7.3	25
2	Tunable Transmissive Terahertz Linear Polarizer for Arbitrary Linear Incidence Based on Low-Dimensional Metamaterials. <i>Nanomaterials</i> , 2021, 11, 1851.	4.1	4
3	Terahertz Broadband Polarization Conversion for Transmitted Waves Based on Graphene Plasmon Resonances. <i>Nanomaterials</i> , 2021, 11, 56.	4.1	5
4	Gate-polarity-dependent doping effects of H ₂ O adsorption on graphene/SiO ₂ field-effect transistors. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 455301.	2.8	2
5	Multiband and broadband active controllable terahertz absorption in dual-side grating-gate graphene field-effect transistors. <i>Nanotechnology</i> , 2020, 31, 284001.	2.6	3
6	Tunable strong THz absorption assisted by graphene-dielectric stacking structure. <i>Superlattices and Microstructures</i> , 2018, 122, 461-470.	3.1	7
7	Plasmon ratchet effect with electrons and holes simultaneously existing in the graphene channel: a promising effect for the terahertz detection. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 395103.	2.8	6
8	Polarization-independent enhancement of graphene plasmons by coupling with the dipole-like near field of the metallic split-mesh structure. <i>RSC Advances</i> , 2018, 8, 22286-22292.	3.6	1
9	Toward Sensitive Room-Temperature Broadband Detection from Infrared to Terahertz with Antenna-Integrated Black Phosphorus Photoconductor. <i>Advanced Functional Materials</i> , 2017, 27, 1604414.	14.9	88
10	Dynamic metamaterial based on the graphene split ring high-Q Fano-resonator for sensing applications. <i>Nanoscale</i> , 2016, 8, 15196-15204.	5.6	110
11	Highly Sensitive and Wide-Band Tunable Terahertz Response of Plasma Waves Based on Graphene Field Effect Transistors. <i>Scientific Reports</i> , 2014, 4, 5470.	3.3	52
12	Terahertz plasmon resonances in GaN and graphene. , 2013, , .		1
13	The resonant tunability, enhancement, and damping of plasma waves in the two-dimensional electron gas plasmonic crystals at terahertz frequencies. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	17