Anqi Yu

List of Publications by Year in descending order

13 papers	321 citations	1478505 6 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	531 citing authors

#	Article	IF	Citations
1	Dynamic metamaterial based on the graphene split ring high-Q Fano-resonnator for sensing applications. Nanoscale, 2016, 8, 15196-15204.	5.6	110
2	Toward Sensitive Roomâ€Temperature Broadband Detection from Infrared to Terahertz with Antennaâ€Integrated Black Phosphorus Photoconductor. Advanced Functional Materials, 2017, 27, 1604414.	14.9	88
3	Highly Sensitive and Wide-Band Tunable Terahertz Response of Plasma Waves Based on Graphene Field Effect Transistors. Scientific Reports, 2014, 4, 5470.	3.3	52
4	Optoelectronic Synapses Based on Photoâ€Induced Doping in MoS₂/hâ€BN Fieldâ€Effect Transistors. Advanced Optical Materials, 2021, 9, 2100937.	7.3	25
5	The resonant tunability, enhancement, and damping of plasma waves in the two-dimensional electron gas plasmonic crystals at terahertz frequencies. Applied Physics Letters, 2013, 102, .	3.3	17
6	Tunable strong THz absorption assisted by graphene-dielectric stacking structure. Superlattices and Microstructures, 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. Journal Physics D: Applied Physics, 2018, 51, 395103.	2.8	6
8	Terahertz Broadband Polarization Conversion for Transmitted Waves Based on Graphene Plasmon Resonances. Nanomaterials, 2021, 11, 56.	4.1	5
9	Tunable Transmissive Terahertz Linear Polarizer for Arbitrary Linear Incidence Based on Low-Dimensional Metamaterials. Nanomaterials, 2021, 11, 1851.	4.1	4
10	Multiband and broadband active controllable terahertz absorption in dual-side grating-gate graphene field-effect transistors. Nanotechnology, 2020, 31, 284001.	2.6	3
11	Gate-polarity-dependent doping effects of H2O adsorption on graphene/SiO2 field-effect transistors. Journal Physics D: Applied Physics, 2020, 53, 455301.	2.8	2
12	Terahertz plasmon resonances in GaN and graphene. , 2013, , .		1
13	Polarization-independent enhancement of graphene plasmons by coupling with the dipole-like near field of the metallic split-mesh structure. RSC Advances, 2018, 8, 22286-22292.	3.6	1