

Hyeon-Don Kim

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

609
citations

1040056

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h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically Tunable Slow Light Using Graphene Metamaterials. ACS Photonics, 2018, 5, 1800-1807.	6.6	187
2	Electrical access to critical coupling of circularly polarized waves in graphene chiral metamaterials. Science Advances, 2017, 3, e1701377.	10.3	113
3	Amplitude Modulation of Anomalously Refracted Terahertz Waves with Gated Graphene Metasurfaces. Advanced Optical Materials, 2018, 6, 1700507.	7.3	100
4	Graphene ferroelectric metadevices for nonvolatile memory and reconfigurable logic-gate operations. Nature Communications, 2016, 7, 10429.	12.8	89
5	Nondispersive optical activity of meshed helical metamaterials. Nature Communications, 2014, 5, 5435.	12.8	49
6	Broadband Modulation of Terahertz Waves With Non-Resonant Graphene Meta-Devices. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 764-771.	3.1	36
7	Photoinduced Nonlinear Mixing of Terahertz Dipole Resonances in Graphene Metadevices. Advanced Materials, 2016, 28, 1495-1500.	21.0	13
8	Electrically Controllable Terahertz Second Harmonic Generation in GaAs. Advanced Optical Materials, 2020, 8, 2000359.	7.3	11
9	Control of terahertz nonlinear transmission with electrically gated graphene metadevices. Scientific Reports, 2017, 7, 42833.	3.3	10
10	Bistable memory and logic gate devices fabricated by intercrossed stacking of graphene ferroelectric hybrid ribbons. Micro and Nano Letters, 2016, 11, 356-359.	1.3	1
11	Ultrafast refractive index control of terahertz graphene metamaterials. , 2013, , .		0
12	Photoinduced nonlinear mixing of terahertz dipole resonances in graphene metadvice. , 2015, , .		0
13	Electrical switching between terahertz second and third harmonic generation in photo-doped GaAs. , 2018, , .		0