

Hyeon-Don Kim

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

609
citations

1040056

9
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

1065
citing authors

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