

Prashanth Gopalan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

259
citations

1163117

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h-index

1372567

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13
all docs

13
docs citations

13
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Area Nanoimprinted Colloidal Au Nanocrystal-Based Nanoantennas for Ultrathin Polarizing Plasmonic Metasurfaces. <i>Nano Letters</i> , 2015, 15, 5254-5260.	9.1	73
2	2D Materials for Terahertz Modulation. <i>Advanced Optical Materials</i> , 2020, 8, 1900550.	7.3	59
3	The anisotropic quasi-static permittivity of single-crystal $\text{In}^2\text{-Ga}_2\text{O}_3$ measured by terahertz spectroscopy. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	27
4	Tunable Terahertz Metamaterials Employing Layered 2-D Materials Beyond Graphene. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 188-194.	2.9	24
5	Manifestation of Kinetic Inductance in Terahertz Plasmon Resonances in Thin-Film Cd_3As_2 . <i>ACS Nano</i> , 2019, 13, 4091-4100.	14.6	24
6	Designing Strong Optical Absorbers via Continuous Tuning of Interparticle Interaction in Colloidal Gold Nanocrystal Assemblies. <i>ACS Nano</i> , 2019, 13, 7493-7501.	14.6	18
7	Ultrafast THz modulators with WSe_2 thin films [Invited]. <i>Optical Materials Express</i> , 2019, 9, 826.	3.0	16
8	Graphene-dielectric integrated terahertz metasurfaces. <i>Semiconductor Science and Technology</i> , 2018, 33, 104007.	2.0	10
9	Terahertz characterization of two-dimensional low-conductive layers enabled by metal gratings. <i>Scientific Reports</i> , 2021, 11, 2833.	3.3	5
10	On the terahertz response of metal-gratings on anisotropic dielectric substrates and its prospective application for anisotropic refractive index characterization. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	3
11	Ultrafast terahertz modulator based on metamaterial-integrated WSe_2 thin-films. , 2018, , .		0
12	Ultrafast modulation in terahertz metamaterials enabled by WSe_2 . , 2020, , .		0