

Mingguang Tuo

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

449
citations

1684188

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1474206

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23
all docs

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docs citations

23
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection properties of photoconductive antennas fabricated on low-temperature-grown GaAs and ErAs:GaAs at subterahertz band. <i>Optical Engineering</i> , 2020, 59, 1.	1.0	1
2	Enhanced terahertz radiation of photoconductive antenna fabricated on GaAs-on-sapphire. <i>AIP Advances</i> , 2019, 9, .	1.3	2
3	In-Line Ports Dual-Mode Substrate Integrated Waveguide Filter With Flexible Responses. <i>IEEE Microwave and Wireless Components Letters</i> , 2018, 28, 882-884.	3.2	21
4	A 300 THz tabletop radar range system with sub-micron distance accuracy. <i>Scientific Reports</i> , 2018, 8, 14443.	3.3	7
5	Contribution assessment of antenna structure and in-gap photocurrent in terahertz radiation of photoconductive antenna. <i>Journal of Applied Physics</i> , 2018, 124, 053107.	2.5	7
6	Dual-Mode Substrate Integrated Waveguide Filter With Flexible Response. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 824-830.	4.6	125
7	Suspended individual SWCNT characterization via bottom gate FET configuration. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 2610-2614.	1.4	2
8	Time-domain THz near-field imaging incorporating Hadamard multiplexing method. , 2016, , .		0
9	Nonlinear Microwave Characterization of CVD Grown Graphene. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 1557-1560.	4.0	4
10	Anisotropic Microwave Conductivity Dispersion of Horizontally Aligned Multi-Walled Carbon-Nanotube Thin Film on Flexible Substrate. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015, 63, 3588-3594.	4.6	0
11	THz photoconductive antenna array based near field imaging. , 2015, , .		1
12	Numerical analysis of terahertz generation characteristics of photoconductive antenna. , 2014, , .		4
13	Graphene conductivity characterization at microwave and THz frequency. , 2014, , .		6
14	Terahertz emission properties of butterfly-shaped photoconductive antennas based on LT-GaAs and SI-GaAs substrates. , 2014, , .		0
15	3D Printed Dielectric Reflectarrays: Low-Cost High-Gain Antennas at Sub-Millimeter Waves. <i>IEEE Transactions on Antennas and Propagation</i> , 2014, 62, 2000-2008.	5.1	239
16	Comparison of photoconductive antenna performance on LT-GaAs and SI-GaAs substrates. , 2014, , .		1
17	Characterization of anisotropic conduction of horizontally aligned carbon nanotube thin films. , 2013, , .		1
18	Design, fabrication, and measurement of dielectric reflectarray antennas at 100 GHz. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	High gain dielectric reflectarray antennas for THz applications. , 2013, , .		12
20	Terahertz characterization of graphene thin films on both sides of substrate. , 2012, , .		2
21	Terahertz all-dielectric EMXT waveguide to planar microstrip transition structure. , 2011, , .		3
22	Design of a high-efficiency rectenna for 1.575 GHz wireless low power transmission. , 2011, , .		7
23	Microwave properties of suspended single-walled carbon nanotubes with a field-effect transistor configuration. , 2011, , .		4