

Mingguang Tuo

List of Publications by Year in descending order

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23
papers

449
citations

1684188

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h-index

1474206

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23
all docs

23
docs citations

23
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printed Dielectric Reflectarrays: Low-Cost High-Gain Antennas at Sub-Millimeter Waves. IEEE Transactions on Antennas and Propagation, 2014, 62, 2000-2008.	5.1	239
2	Dual-Mode Substrate Integrated Waveguide Filter With Flexible Response. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 824-830.	4.6	125
3	In-Line Ports Dual-Mode Substrate Integrated Waveguide Filter With Flexible Responses. IEEE Microwave and Wireless Components Letters, 2018, 28, 882-884.	3.2	21
4	High gain dielectric reflectarray antennas for THz applications. , 2013, , .		12
5	Design of a high-efficiency rectenna for 1.575 GHz wireless low power transmission. , 2011, , .		7
6	A 300 THz tabletop radar range system with sub-micron distance accuracy. Scientific Reports, 2018, 8, 14443.	3.3	7
7	Contribution assessment of antenna structure and in-gap photocurrent in terahertz radiation of photoconductive antenna. Journal of Applied Physics, 2018, 124, 053107.	2.5	7
8	Graphene conductivity characterization at microwave and THz frequency. , 2014, , .		6
9	Microwave properties of suspended single-walled carbon nanotubes with a field-effect transistor configuration. , 2011, , .		4
10	Numerical analysis of terahertz generation characteristics of photoconductive antenna. , 2014, , .		4
11	Nonlinear Microwave Characterization of CVD Grown Graphene. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1557-1560.	4.0	4
12	Terahertz all-dielectric EMXT waveguide to planar microstrip transition structure. , 2011, , .		3
13	Terahertz characterization of graphene thin films on both sides of substrate. , 2012, , .		2
14	Suspended individual SWCNT characterization via bottom gate FET configuration. Microwave and Optical Technology Letters, 2017, 59, 2610-2614.	1.4	2
15	Enhanced terahertz radiation of photoconductive antenna fabricated on GaAs-on-sapphire. AIP Advances, 2019, 9, .	1.3	2
16	Characterization of anisotropic conduction of horizontally aligned carbon nanotube thin films. , 2013, , .		1
17	Comparison of photoconductive antenna performance on LT-GaAs and SI-GaAs substrates. , 2014, , .		1
18	THz photoconductive antenna array based near field imaging. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Detection properties of photoconductive antennas fabricated on low-temperature-grown GaAs and ErAs:GaAs at subterahertz band. Optical Engineering, 2020, 59, 1.	1.0	1
20	Design, fabrication, and measurement of dielectric reflectarray antennas at 100 GHz. , 2013, , .		0
21	Terahertz emission properties of butterfly-shaped photoconductive antennas based on LT-GaAs and SI-GaAs substrates. , 2014, , .		0
22	Anisotropic Microwave Conductivity Dispersion of Horizontally Aligned Multi-Walled Carbon-Nanotube Thin Film on Flexible Substrate. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3588-3594.	4.6	0
23	Time-domain THz near-field imaging incorporating Hadamard multiplexing method. , 2016, , .		0