

Shuchang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

385
citations

1040056

9
h-index

1281871

11
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16
all docs

16
docs citations

16
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-field terahertz imaging using sub-wavelength apertures without cutoff. Optics Express, 2016, 24, 2728.	3.4	20
2	Reconfigurable terahertz metamaterial device with pressure memory. Optics Express, 2014, 22, 4065.	3.4	22
3	Transmission bleaching and coupling crossover in a split tapered aperture. , 2014, , .		0
4	Injection Molding of Free- ϵ -Standing, Three- ϵ -Dimensional, All- ϵ -Metal Terahertz Metamaterials. Advanced Optical Materials, 2014, 2, 663-669.	7.3	14
5	Graphene-based tunable metamaterial terahertz filters. Applied Physics Letters, 2014, 105, .	3.3	83
6	Flat THz Launcher Antenna. , 2014, , .		0
7	Transmission bleaching and coupling crossover in a split tapered aperture. , 2014, , .		0
8	Selective Erasure and Refilling of Liquid Metal Based Terahertz Metamaterials. , 2014, , .		0
9	Terahertz Corrugated and Bull's-Eye Antennas. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 740-747.	3.1	44
10	Transmission bleaching and coupling crossover in a split tapered aperture. Optics Express, 2013, 21, 30895.	3.4	2
11	Reconfigurable liquid metal based terahertz metamaterials via selective erasure and refilling to the unit cell level. Applied Physics Letters, 2013, 103, .	3.3	48
12	Reconfigurable plasmonic and metamaterial devices using liquid metals. , 2013, , .		1
13	Concentration of broadband terahertz radiation using a periodic array of conically tapered apertures. Optics Express, 2013, 21, 12363.	3.4	4
14	Liquid metal-based plasmonics. Optics Express, 2012, 20, 2346.	3.4	51
15	Reconfigurable plasmonic devices using liquid metals. Optics Express, 2012, 20, 12119.	3.4	51
16	Coherent Detection of Multiband Terahertz Radiation Using a Surface Plasmon-Polariton Based Photoconductive Antenna. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 412-415.	3.1	45