

Shuchang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

385
citations

1040056

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h-index

1281871

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g-index

16
all docs

16
docs citations

16
times ranked

550
citing authors

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