

Xianliang Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10405912/publications.pdf>

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10
papers

5,047
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

4088
citing authors

#	ARTICLE	IF	CITATIONS
1	Metamaterial Electromagnetic Wave Absorbers. <i>Advanced Materials</i> , 2012, 24, OP98-120, OP181.	21.0	1,340
2	Taming the Blackbody with Infrared Metamaterials as Selective Thermal Emitters. <i>Physical Review Letters</i> , 2011, 107, 045901.	7.8	1,250
3	High performance optical absorber based on a plasmonic metamaterial. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	1,071
4	Infrared Spatial and Frequency Selective Metamaterial with Near-Unity Absorbance. <i>Physical Review Letters</i> , 2010, 104, 207403.	7.8	1,011
5	Planar wallpaper group metamaterials for novel terahertz applications. <i>Optics Express</i> , 2008, 16, 18565.	3.4	124
6	Dynamic Manipulation of Infrared Radiation with MEMS Metamaterials. <i>Advanced Optical Materials</i> , 2013, 1, 559-562.	7.3	87
7	Role of surface electromagnetic waves in metamaterial absorbers. <i>Optics Express</i> , 2016, 24, 6783.	3.4	47
8	Metamaterial Electromagnetic Wave Absorbers (Adv. Mater. 23/2012). <i>Advanced Materials</i> , 2012, 24, OP181.	21.0	43
9	Coherent emission of light using stacked gratings. <i>Physical Review B</i> , 2013, 87, .	3.2	39
10	Bi-layer metamaterials as fully functional near-perfect infrared absorbers. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	35