Mircea Giloan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9439322/publications.pdf

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14	154	1478458 6	1125717 13
papers	citations	h-index	g-index

14	14	14	232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding plasmon resonances of metal-coated colloidal crystal monolayers. Applied Physics B: Lasers and Optics, 2012, 106, 849-856.	2.2	44
2	Optical properties of single silver triangular nanoprism. Physica Scripta, 2012, 86, 055702.	2.5	32
3	Polarization-Sensitive Linear Plasmonic Nanostructures via Colloidal Lithography with Uniaxial Colloidal Arrays. ACS Applied Materials & Interfaces, 2013, 5, 1362-1369.	8.0	19
4	Negative index optical chiral metamaterial based on asymmetric hexagonal arrays of metallic triangular nanoprisms. Optics Communications, 2014, 315, 122-129.	2.1	19
5	Visible frequency range negative index metamaterial of hexagonal arrays of gold triangular nanoprisms. Optics Communications, 2012, 285, 1533-1541.	2.1	9
6	Designing polarization insensitive negative index metamaterial for operation in near infrared. Optics Communications, 2012, 285, 2195-2200.	2.1	7
7	Dual-band optical negative index metamaterial based on hexagonal arrays of triangular nanoholes in metalâ€“dielectric films. Optics Communications, 2013, 296, 141-148.	2.1	6
8	Optical chiral metamaterial based on meta-atoms with three-fold rotational symmetry arranged in hexagonal lattice. Journal of Optics (United Kingdom), 2015, 17, 085102.	2.2	6
9	Light transmission and local field enhancement in arrays of silver nanocylinders. Optics Communications, 2011, 284, 3629-3634.	2.1	5
10	Optical negative index metamaterial based on hexagonal arrays of metallic meta-atoms with threefold rotational symmetry. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 27.	2.1	2
11	Designing Devices for Wave-Vector Manipulation Using a Transformation-Optics Approach. Physical Review Applied, 2017, 8, .	3.8	2
12	Optical imaging system based on transformation-optics lenses. Journal of Optics (United Kingdom), 2020, 22, 015103.	2.2	2
13	A new graphic code for a computer generated hologram. Optics Communications, 1997, 139, 7-10.	2.1	1
14	Designing flat optical devices for path and wave vector manipulation by space transformation along a fixed direction. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 9.	2.1	0