

A Chipouline

List of Publications by Year in descending order

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34
papers

663
citations

759233

12
h-index

940533

16
g-index

34
all docs

34
docs citations

34
times ranked

826
citing authors

#	ARTICLE	IF	CITATIONS
1	Relaxation time mapping of single quantum dots and substrate background fluorescence. JETP Letters, 2015, 102, 161-166.	1.4	0
2	Differential all-optical tuning of eigenmodes in coupled microdisks. Applied Physics Letters, 2013, 103, .	3.3	3
3	Multipole approach for analysis of passive and active metamaterials. , 2012, , .		0
4	Near-field mapping of optical eigenstates in coupled disk microresonators. Physical Review A, 2012, 85, .	2.5	16
5	Modelling of transient plasmons dynamics in metallic cylinders. , 2012, , .		1
6	Contribution of the magnetic resonance to the third harmonic generation from a fishnet metamaterial. Physical Review B, 2012, 86, .	3.2	31
7	Basics of averaging of the Maxwell equations for bulk materials. Metamaterials, 2012, 6, 77-120.	2.2	29
8	Scattering properties of meta-atoms. Physical Review B, 2011, 83, .	3.2	56
9	Optical properties of metamaterials based on asymmetric double-wire structures. Optics Express, 2011, 19, 6269.	3.4	14
10	Multipole approach in electrodynamics of metamaterials. Applied Physics A: Materials Science and Processing, 2011, 103, 899-904.	2.3	10
11	Temperature induced nonlinearity in coupled microresonators. Applied Physics B: Lasers and Optics, 2011, 104, 503-511.	2.2	10
12	Coupled disk microresonators. , 2011, , .		0
13	Generalized Schawlow-Townes formula for natural bandwidth of nano laser. , 2011, , .		0
14	Effective properties of metamaterials. , 2011, , .		2
15	Thermal nonlinearity in coupled disk microresonators. , 2011, , .		0
16	Mapping of Whispering-Gallery-Modes in coupled disk microresonators. , 2011, , .		0
17	Multipole model for metamaterial homogenization. , 2010, , .		0
18	Understanding the electric and magnetic response of isolated metaatoms by means of a multipolar field decomposition. Optics Express, 2010, 18, 14454.	3.4	39

#	ARTICLE	IF	CITATIONS
19	Spectral properties of coupled silica disc micro resonators. , 2009, , .		0
20	Observation of optical coupling in microdisk resonators. Physical Review A, 2009, 80, .	2.5	35
21	Nonlinear optical response of silica and hybrid silica/silicon disc micro resonators. , 2009, , .		0
22	Nonlinear effects in silica and hybrid silica/silicon disc micro resonators. , 2009, , .		0
23	Polarization-independent negative-index metamaterial in the near infrared. Optics Letters, 2009, 34, 704.	3.3	50
24	Multipole nonlinearity of metamaterials. Physical Review A, 2009, 80, .	2.5	29
25	Spectral characteristics of coupled silica disc micro resonators. , 2009, , .		0
26	Multipole metamaterials. , 2009, , .		0
27	Experimental and theoretical investigation of microresonators at Jena University. , 2009, , .		0
28	Thermal and Free Electron Nonlinearities in Silica and Hybrid Silica/Silicon Disc Micro Resonators. , 2009, , .		0
29	Propagation of the fundamental whispering gallery modes in a linear chain of microspheres. Applied Physics B: Lasers and Optics, 2008, 93, 21-30.	2.2	12
30	Multipole approach to metamaterials. Physical Review A, 2008, 78, .	2.5	99
31	Nonlinear thermal effects in optical microspheres at different wavelength sweeping speeds. Optics Express, 2008, 16, 6285.	3.4	66
32	Coupling of the Fundamental Whispering Gallery Mode in Bi-Spheres. , 2007, , .		1
33	Photonic crystal lens for Photonic Crystal waveguide coupling. , 2006, , .		1
34	Random Lasing in π -Conjugated Films and Infiltrated Opals. Advanced Materials, 2001, 13, 760-764.	21.0	159