

# A Chipouline

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12141910/publications.pdf>

Version: 2024-02-01

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	Random Lasing in $\pi$ -Conjugated Films and Infiltrated Opals. <i>Advanced Materials</i> , 2001, 13, 760-764.	21.0	159
2	Multipole approach to metamaterials. <i>Physical Review A</i> , 2008, 78, .	2.5	99
3	Nonlinear thermal effects in optical microspheres at different wavelength sweeping speeds. <i>Optics Express</i> , 2008, 16, 6285.	3.4	66
4	Scattering properties of meta-atoms. <i>Physical Review B</i> , 2011, 83, .	3.2	56
5	Polarization-independent negative-index metamaterial in the near infrared. <i>Optics Letters</i> , 2009, 34, 704.	3.3	50
6	Understanding the electric and magnetic response of isolated metaatoms by means of a multipolar field decomposition. <i>Optics Express</i> , 2010, 18, 14454.	3.4	39
7	Observation of optical coupling in microdisk resonators. <i>Physical Review A</i> , 2009, 80, .	2.5	35
8	Contribution of the magnetic resonance to the third harmonic generation from a fishnet metamaterial. <i>Physical Review B</i> , 2012, 86, .	3.2	31
9	Multipole nonlinearity of metamaterials. <i>Physical Review A</i> , 2009, 80, .	2.5	29
10	Basics of averaging of the Maxwell equations for bulk materials. <i>Metamaterials</i> , 2012, 6, 77-120.	2.2	29
11	Near-field mapping of optical eigenstates in coupled disk microresonators. <i>Physical Review A</i> , 2012, 85, .	2.5	16
12	Optical properties of metamaterials based on asymmetric double-wire structures. <i>Optics Express</i> , 2011, 19, 6269.	3.4	14
13	Propagation of the fundamental whispering gallery modes in a linear chain of microspheres. <i>Applied Physics B: Lasers and Optics</i> , 2008, 93, 21-30.	2.2	12
14	Multipole approach in electrodynamics of metamaterials. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 103, 899-904.	2.3	10
15	Temperature induced nonlinearity in coupled microresonators. <i>Applied Physics B: Lasers and Optics</i> , 2011, 104, 503-511.	2.2	10
16	Differential all-optical tuning of eigenmodes in coupled microdisks. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	3
17	Effective properties of metamaterials. , 2011, , .		2
18	Photonic crystal lens for Photonic Crystal waveguide coupling. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
19	Coupling of the Fundamental Whispering Gallery Mode in Bi-Spheres. , 2007, , .		1
20	Modelling of transient plasmons dynamics in metallic cylinders. , 2012, , .		1
21	Spectral properties of coupled silica disc micro resonators. , 2009, , .		0
22	Nonlinear optical response of silica and hyybrid silica/silicon disc micro resonators. , 2009, , .		0
23	Nonlinear effects in silica and hybrid silica/silicon disc micro resonators. , 2009, , .		0
24	Spectral characteristics of coupled silica disc micro resonators. , 2009, , .		0
25	Multipole metamaterials. , 2009, , .		0
26	Experimental and theoretical investigation of microresonators at Jena University. , 2009, , .		0
27	Multipole model for metamaterial homogenization. , 2010, , .		0
28	Coupled disk microresonators. , 2011, , .		0
29	Generalized Schawlow-Townes formula for natural bandwidth of nano laser. , 2011, , .		0
30	Thermal nonlinearity in coupled disk microresonators. , 2011, , .		0
31	Mapping of Whispering-Gallery-Modes in coupled disk microresonators. , 2011, , .		0
32	Multipole approach for analysis of passive and active metamaterials. , 2012, , .		0
33	Relaxation time mapping of single quantum dots and substrate background fluorescence. JETP Letters, 2015, 102, 161-166.	1.4	0
34	Thermal and Free Electron Nonlinearities in Silica and Hybrid Silica/Silicon Disc Micro Resonators. , 2009, , .		0