

Sami Kujala

List of Publications by Year in descending order

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27
papers

734
citations

759233

12
h-index

1058476

14
g-index

27
all docs

27
docs citations

27
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Multipole Interference in the Second-Harmonic Optical Radiation from Gold Nanoparticles. <i>Physical Review Letters</i> , 2007, 98, 167403.	7.8	144
2	Linear and nonlinear optical responses influenced by broken symmetry in an array of gold nanoparticles. <i>Optics Express</i> , 2004, 12, 5418.	3.4	104
3	Chirality arising from small defects in gold nanoparticle arrays. <i>Optics Express</i> , 2006, 14, 950.	3.4	85
4	Natural Silk as a Photonics Component: a Study on Its Light Guiding and Nonlinear Optical Properties. <i>Scientific Reports</i> , 2016, 6, 22358.	3.3	81
5	Multipolar analysis of second-harmonic radiation from gold nanoparticles. <i>Optics Express</i> , 2008, 16, 17196.	3.4	60
6	Polarization effects in the linear and nonlinear optical responses of gold nanoparticle arrays. <i>Journal of Optics</i> , 2005, 7, S110-S117.	1.5	56
7	Remarkable polarization sensitivity of gold nanoparticle arrays. <i>Applied Physics Letters</i> , 2005, 86, 183109.	3.3	55
8	A macroscopic formalism to describe the second-order nonlinear optical response of nanostructures. <i>Journal of Optics</i> , 2006, 8, S278-S284.	1.5	49
9	Effective medium multipolar tensor analysis of second-harmonic generation from metal nanoparticles. <i>New Journal of Physics</i> , 2011, 13, 023025.	2.9	43
10	Nonlinear refraction in semitransparent pyrolytic carbon films. <i>Optical Materials Express</i> , 2012, 2, 1822.	3.0	16
11	High non-resonant third-order optical nonlinearity of Ag-glass nanocomposite fabricated by two-step ion exchange. <i>Optical Materials</i> , 2013, 36, 328-332.	3.6	15
12	LINEAR AND NONLINEAR OPTICAL PROPERTIES OF GOLD NANOPARTICLES WITH BROKEN SYMMETRY. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2006, 15, 43-53.	1.8	14
13	Measurement of Nanowire Optical Modes Using Cross-Polarization Microscopy. <i>Scientific Reports</i> , 2017, 7, 17790.	3.3	6
14	LOCAL-FIELD AND MULTIPOLAR EFFECTS IN THE SECOND-HARMONIC RESPONSE OF ARRAYS OF METAL NANOPARTICLES. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2007, 16, 317-328.	1.8	3
15	Linear and nonlinear chiral responses from arrays of gold nanoparticles. , 2005, 5927, 62.		1
16	Second-order optical characterization of gold nanoparticle arrays. , 2006, 6195, 16.		1
17	Promoting positive start of electrical engineering studies — A teacher's perspective. , 2014, , .		1
18	Exceptional linear and nonlinear optical properties of low-symmetry metal nanoparticle arrays. , 2004, , .		0

#	ARTICLE	IF	CITATIONS
19	The role of multipole contributions to the second-order response of gold nanoparticles. , 2006, , .		0
20	Multipolar interference in second-order responses of gold nanoparticles. , 2007, , .		0
21	Multipolar Effects in Second-harmonic Generation from Gold Nanoparticles. , 2007, , .		0
22	Local-field and multipole effects in second-harmonic generation from gold nanoparticles and nanodimers. , 2007, , .		0
23	Local-field and multipole effects in second-harmonic generation from optical metamaterials. , 2008, , .		0
24	Multipolar tensor analysis of second-harmonic radiation from gold nanoparticles. Proceedings of SPIE, 2008, , .	0.8	0
25	Role of local fields and defects in the nonlinear response of metal nanostructures. Proceedings of SPIE, 2008, , .	0.8	0
26	Effective medium multipolar tensor analysis of second-harmonic generation from metal nanoparticles. Proceedings of SPIE, 2010, , .	0.8	0
27	Extraordinary polarization sensitivity of nanoparticle arrays to structural asymmetry. , 2004, , .		0