

Sami Kujala

List of Publications by Year in descending order

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27
papers

734
citations

759233

12
h-index

1058476

14
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27
all docs

27
docs citations

27
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of Nanowire Optical Modes Using Cross-Polarization Microscopy. Scientific Reports, 2017, 7, 17790.	3.3	6
2	Natural Silk as a Photonics Component: a Study on Its Light Guiding and Nonlinear Optical Properties. Scientific Reports, 2016, 6, 22358.	3.3	81
3	Promoting positive start of electrical engineering studies — A teacher's perspective. , 2014, , .		1
4	High non-resonant third-order optical nonlinearity of Agâglass nanocomposite fabricated by two-step ion exchange. Optical Materials, 2013, 36, 328-332.	3.6	15
5	Nonlinear refraction in semitransparent pyrolytic carbon films. Optical Materials Express, 2012, 2, 1822.	3.0	16
6	Effective medium multipolar tensor analysis of second-harmonic generation from metal nanoparticles. New Journal of Physics, 2011, 13, 023025.	2.9	43
7	Effective medium multipolar tensor analysis of second-harmonic generation from metal nanoparticles. Proceedings of SPIE, 2010, , .	0.8	0
8	Multipolar analysis of second-harmonic radiation from gold nanoparticles. Optics Express, 2008, 16, 17196.	3.4	60
9	Local-field and multipole effects in second-harmonic generation from optical metamaterials. , 2008, , .		0
10	Multipolar tensor analysis of second-harmonic radiation from gold nanoparticles. Proceedings of SPIE, 2008, , .	0.8	0
11	Role of local fields and defects in the nonlinear response of metal nanostructures. Proceedings of SPIE, 2008, , .	0.8	0
12	LOCAL-FIELD AND MULTIPOLAR EFFECTS IN THE SECOND-HARMONIC RESPONSE OF ARRAYS OF METAL NANOPARTICLES. Journal of Nonlinear Optical Physics and Materials, 2007, 16, 317-328.	1.8	3
13	Multipolar interference in second-order responses of gold nanoparticles. , 2007, , .		0
14	Multipolar Effects in Second-harmonic Generation from Gold Nanoparticles. , 2007, , .		0
15	Local-field and multipole effects in second-harmonic generation from gold nanoparticles and nanodimers. , 2007, , .		0
16	Multipole Interference in the Second-Harmonic Optical Radiation from Gold Nanoparticles. Physical Review Letters, 2007, 98, 167403.	7.8	144
17	Chirality arising from small defects in gold nanoparticle arrays. Optics Express, 2006, 14, 950.	3.4	85
18	The role of multipole contributions to the second-order response of gold nanoparticles. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
19	Second-order optical characterization of gold nanoparticle arrays. , 2006, 6195, 16.		1
20	LINEAR AND NONLINEAR OPTICAL PROPERTIES OF GOLD NANOPARTICLES WITH BROKEN SYMMETRY. Journal of Nonlinear Optical Physics and Materials, 2006, 15, 43-53.	1.8	14
21	A macroscopic formalism to describe the second-order nonlinear optical response of nanostructures. Journal of Optics, 2006, 8, S278-S284.	1.5	49
22	Linear and nonlinear chiral responses from arrays of gold nanoparticles. , 2005, 5927, 62.		1
23	Remarkable polarization sensitivity of gold nanoparticle arrays. Applied Physics Letters, 2005, 86, 183109.	3.3	55
24	Polarization effects in the linear and nonlinear optical responses of gold nanoparticle arrays. Journal of Optics, 2005, 7, S110-S117.	1.5	56
25	Linear and nonlinear optical responses influenced by broken symmetry in an array of gold nanoparticles. Optics Express, 2004, 12, 5418.	3.4	104
26	Exceptional linear and nonlinear optical properties of low-symmetry metal nanoparticle arrays. , 2004, , .		0
27	Extraordinary polarization sensitivity of nanoparticle arrays to structural asymmetry. , 2004, , .		0