

Shihhui Chang

List of Publications by Year in descending order

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24
papers

3,807
citations

489802

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685536

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5467
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Absorption-Dominated Bonding Dark Plasmon Mode from Metal-Insulator-Metal Nanodisk Arrays Fabricated by Nanospherical-Lens Lithography. ACS Nano, 2012, 6, 3390-3396.	7.3	97
2	Large-Area Bowtie Nanoantenna Arrays Fabricated with Economic Oxygen Plasma-Assisted Nanosphere Lithography. Plasmonics, 2011, 6, 599-604.	1.8	7
3	Gap Structure Effects on Surface-Enhanced Raman Scattering Intensities for Gold Gapped Rods. Nano Letters, 2010, 10, 1722-1727.	4.5	103
4	Surface plasmon-enhanced and quenched two-photon excited fluorescence. Optics Express, 2010, 18, 12807.	1.7	25
5	All-optically controllable random laser based on a dye-doped polymer-dispersed liquid crystal with nano-sized droplets. Optics Express, 2010, 18, 2406.	1.7	41
6	Influence of surface plasmon resonance on the emission intermittency of photoluminescence from gold nano-sea-urchins. Nanoscale, 2010, 2, 2639.	2.8	35
7	Ellipsometric Studies of Optical Properties of Local Surface Plasmon Resonance for Au Nanoparticles on the Substrate. Journal of Nanoscience and Nanotechnology, 2009, 9, 1181-1184.	0.9	6
8	Color cone lasing emission in a dye-doped cholesteric liquid crystal with a single pitch. Optics Express, 2009, 17, 12910.	1.7	39
9	Plasmons: Chemical Bonding Coupling Induced Surface Plasmon Resonance Splitting in Self-Assembled Gold Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 3923-3928.	1.5	15
10	Heterodyne apertureless near-field scanning optical microscopy on periodic gold nanowells. Optics Express, 2007, 15, 4098.	1.7	10
11	Error signal artifact in apertureless scanning near-field optical microscopy. Applied Physics Letters, 2006, 89, 023105.	1.5	15
12	Surface Plasmon Standing Waves in Large-Area Subwavelength Hole Arrays. Nano Letters, 2005, 5, 1963-1967.	4.5	100
13	Localized Surface Plasmon Resonance Spectroscopy of Single Silver Nanocubes. Nano Letters, 2005, 5, 2034-2038.	4.5	1,307
14	Field and intensity correlations in amplifying random media. Physical Review B, 2005, 71, .	1.1	26
15	Near-Field Photochemical Imaging of Noble Metal Nanostructures. Nano Letters, 2005, 5, 615-619.	4.5	210
16	Surface plasmon generation and light transmission by isolated nanoholes and arrays of nanoholes in thin metal films. Optics Express, 2005, 13, 3150.	1.7	466
17	Finite-difference time-domain model of lasing action in a four-level two-electron atomic system. Optics Express, 2004, 12, 3827.	1.7	152
18	Numerical study of light correlations in a random medium close to the Anderson localization threshold. Optics Letters, 2004, 29, 917.	1.7	18

#	ARTICLE	IF	CITATIONS
19	Surface plasmons at single nanoholes in Au films. Applied Physics Letters, 2004, 85, 467-469.	1.5	250
20	Random Laser in One Dimension. Physical Review Letters, 2002, 88, 093904.	2.9	71
21	Ultrafast dynamics of InAs/GaAs quantum-dot microdisk lasers. Applied Physics Letters, 2001, 78, 3397-3399.	1.5	29
22	Spatial Confinement of Laser Light in Active Random Media. Physical Review Letters, 2000, 84, 5584-5587.	2.9	613
23	Optically pumped InAs quantum dot microdisk lasers. Applied Physics Letters, 2000, 76, 3519-3521.	1.5	141
24	Dynamics of GaAs/AlGaAs microdisk lasers. Applied Physics Letters, 2000, 77, 2304-2306.	1.5	31