

Shihhui Chang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,807
citations

430843

18
h-index

610883

24
g-index

25
all docs

25
docs citations

25
times ranked

4722
citing authors

#	ARTICLE	IF	CITATIONS
1	Localized Surface Plasmon Resonance Spectroscopy of Single Silver Nanocubes. Nano Letters, 2005, 5, 2034-2038.	9.1	1,307
2	Spatial Confinement of Laser Light in Active Random Media. Physical Review Letters, 2000, 84, 5584-5587.	7.8	613
3	Surface plasmon generation and light transmission by isolated nanoholes and arrays of nanoholes in thin metal films. Optics Express, 2005, 13, 3150.	3.4	466
4	Surface plasmons at single nanoholes in Au films. Applied Physics Letters, 2004, 85, 467-469.	3.3	250
5	Near-Field Photochemical Imaging of Noble Metal Nanostructures. Nano Letters, 2005, 5, 615-619.	9.1	210
6	Finite-difference time-domain model of lasing action in a four-level two-electron atomic system. Optics Express, 2004, 12, 3827.	3.4	152
7	Optically pumped InAs quantum dot microdisk lasers. Applied Physics Letters, 2000, 76, 3519-3521.	3.3	141
8	Gap Structure Effects on Surface-Enhanced Raman Scattering Intensities for Gold Gapped Rods. Nano Letters, 2010, 10, 1722-1727.	9.1	103
9	Surface Plasmon Standing Waves in Large-Area Subwavelength Hole Arrays. Nano Letters, 2005, 5, 1963-1967.	9.1	100
10	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.	14.6	97
11	Random Laser in One Dimension. Physical Review Letters, 2002, 88, 093904.	7.8	71
12	All-optically controllable random laser based on a dye-doped polymer-dispersed liquid crystal with nano-sized droplets. Optics Express, 2010, 18, 2406.	3.4	41
13	Color cone lasing emission in a dye-doped cholesteric liquid crystal with a single pitch. Optics Express, 2009, 17, 12910.	3.4	39
14	Influence of surface plasmon resonance on the emission intermittency of photoluminescence from gold nano-sea-urchins. Nanoscale, 2010, 2, 2639.	5.6	35
15	Dynamics of GaAs/AlGaAs microdisk lasers. Applied Physics Letters, 2000, 77, 2304-2306.	3.3	31
16	Ultrafast dynamics of InAs/GaAs quantum-dot microdisk lasers. Applied Physics Letters, 2001, 78, 3397-3399.	3.3	29
17	Field and intensity correlations in amplifying random media. Physical Review B, 2005, 71, .	3.2	26
18	Surface plasmon-enhanced and quenched two-photon excited fluorescence. Optics Express, 2010, 18, 12807.	3.4	25

#	ARTICLE	IF	CITATIONS
19	Numerical study of light correlations in a random medium close to the Anderson localization threshold. <i>Optics Letters</i> , 2004, 29, 917.	3.3	18
20	Error signal artifact in apertureless scanning near-field optical microscopy. <i>Applied Physics Letters</i> , 2006, 89, 023105.	3.3	15
21	Plasmons: Chemical Bonding Coupling Induced Surface Plasmon Resonance Splitting in Self-Assembled Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009, 113, 3923-3928.	3.1	15
22	Heterodyne apertureless near-field scanning optical microscopy on periodic gold nanowells. <i>Optics Express</i> , 2007, 15, 4098.	3.4	10
23	Large-Area Bowtie Nanoantenna Arrays Fabricated with Economic Oxygen Plasma-Assisted Nanosphere Lithography. <i>Plasmonics</i> , 2011, 6, 599-604.	3.4	7
24	Ellipsometric Studies of Optical Properties of Local Surface Plasmon Resonance for Au Nanoparticles on the Substrate. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1181-1184.	0.9	6