

Selena Chan

List of Publications by Year in descending order

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17
papers

1,228
citations

759233

12
h-index

1125743

13
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17
all docs

17
docs citations

17
times ranked

1467
citing authors

#	ARTICLE	IF	CITATIONS
1	Composite Organic-Inorganic Nanoparticles (COINs) with Chemically Encoded Optical Signatures. Nano Letters, 2005, 5, 49-54.	9.1	299
2	Spectral Analysis of Multiplex Raman Probe Signatures. ACS Nano, 2008, 2, 2306-2314.	14.6	191
3	Composite Organic-Inorganic Nanoparticles as Raman Labels for Tissue Analysis. Nano Letters, 2007, 7, 351-356.	9.1	148
4	Nanoscale silicon microcavities for biosensing. Materials Science and Engineering C, 2001, 15, 277-282.	7.3	125
5	Tunable, narrow, and directional luminescence from porous silicon light emitting devices. Applied Physics Letters, 1999, 75, 274-276.	3.3	123
6	Single-molecule detection of biomolecules by surface-enhanced coherent anti-Stokes Raman scattering. Optics Letters, 2005, 30, 1024.	3.3	79
7	Raman Nanoparticle Probes for Antibody-based Protein Detection in Tissues. Journal of Histochemistry and Cytochemistry, 2008, 56, 371-379.	2.5	66
8	Specific Chemical Effects on Surface-Enhanced Raman Spectroscopy for Ultra-Sensitive Detection of Biological Molecules. Applied Spectroscopy, 2004, 58, 1401-1407.	2.2	48
9	A Novel Method for Detection of Phosphorylation in Single Cells by Surface Enhanced Raman Scattering (SERS) using Composite Organic-Inorganic Nanoparticles (COINs). PLoS ONE, 2009, 4, e5206.	2.5	39
10	Silicon microcavity light emitting devices. Optical Materials, 2001, 17, 31-34.	3.6	29
11	Ultrasensitive Detection and Characterization of Posttranslational Modifications Using Surface-Enhanced Raman Spectroscopy. Analytical Chemistry, 2006, 78, 3543-3550.	6.5	29
12	Experimental and statistical analysis methods for peptide detection using surface-enhanced Raman spectroscopy. Journal of Raman Spectroscopy, 2008, 39, 380-388.	2.5	25
13	<title>Nanoscale microcavities for biomedical sensor applications</title> ., 2000, 3912, 23.		15
14	Silicon interference filters and Bragg reflectors for active and passive integrated optoelectronic components. , 1999, 3630, 144.		7
15	Nanoscale Silicon Microcavity Optical Sensors for Biological Applications. Materials Research Society Symposia Proceedings, 2000, 638, 1.	0.1	5
16	Erbium Emission from Silicon Based Photonic Bandgap Materials. Materials Research Society Symposia Proceedings, 2000, 638, 1.	0.1	0
17	Tunable Porous Silicon Photonic Band Gap Structures. Materials Research Society Symposia Proceedings, 2000, 637, E4.6.1.	0.1	0