

Xuan Yang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

445
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Sensitive Detection of Proteins and Bacteria in Aqueous Solution Using Surface-Enhanced Raman Scattering and Optical Fibers. <i>Analytical Chemistry</i> , 2011, 83, 5888-5894.	6.5	155
2	High-sensitivity molecular sensing using hollow-core photonic crystal fiber and surface-enhanced Raman scattering. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2010, 27, 977.	1.5	67
3	Nanopillar array on a fiber facet for highly sensitive surface-enhanced Raman scattering. <i>Optics Express</i> , 2012, 20, 24819.	3.4	65
4	High sensitivity gas sensing by Raman spectroscopy in photonic crystal fiber. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 64-68.	7.8	62
5	Direct molecule-specific glucose detection by Raman spectroscopy based on photonic crystal fiber. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 687-691.	3.7	61
6	Portable fiber sensors based on surface-enhanced Raman scattering. <i>Review of Scientific Instruments</i> , 2010, 81, 123103.	1.3	25
7	In-situ reversible temperature-dependent surface enhanced Raman scattering study using optical fibers. <i>Chemical Physics Letters</i> , 2010, 495, 109-112.	2.6	5
8	Fiber sensors for molecular detection. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3
9	Photonics crystal fiber Raman sensors. , 2012, , .		1
10	Optical fibers as a unique platform for RS/SERS molecular detection. , 2013, , .		1
11	Optical Fibers in Integrated Molecular Sensor Systems “ More Than Interconnects. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1438, 7.	0.1	0
12	Molecular Sensing Based on Surface-Enhanced Raman Scattering and Optical Fibers. <i>ACS Symposium Series</i> , 2012, , 273-285.	0.5	0