

Ximei Qian

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

4,067
citations

686830

13
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

6575
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo tumor targeting and spectroscopic detection with surface-enhanced Raman nanoparticle tags. <i>Nature Biotechnology</i> , 2008, 26, 83-90.	9.4	2,107
2	SERS Nanoparticles in Medicine: From Label-Free Detection to Spectroscopic Tagging. <i>Chemical Reviews</i> , 2015, 115, 10489-10529.	23.0	712
3	Detection of Circulating Tumor Cells in Human Peripheral Blood Using Surface-Enhanced Raman Scattering Nanoparticles. <i>Cancer Research</i> , 2011, 71, 1526-1532.	0.4	327
4	Surface-Enhanced Raman Nanoparticle Beacons Based on Bioconjugated Gold Nanocrystals and Long Range Plasmonic Coupling. <i>Journal of the American Chemical Society</i> , 2008, 130, 14934-14935.	6.6	225
5	Stimuli-Responsive SERS Nanoparticles: Conformational Control of Plasmonic Coupling and Surface Raman Enhancement. <i>Journal of the American Chemical Society</i> , 2009, 131, 7540-7541.	6.6	162
6	Physical Chemistry of Nanomedicine: Understanding the Complex Behaviors of Nanoparticles in Vivo. <i>Annual Review of Physical Chemistry</i> , 2015, 66, 521-547.	4.8	146
7	Bioconjugated Nanoparticles for Biosensing, in Vivo Imaging, and Medical Diagnostics. <i>Analytical Chemistry</i> , 2017, 89, 1015-1031.	3.2	120
8	Unimolecular decay pathways of state-selected CO ₂ ⁺ in the internal energy range of 5.2–6.2 eV: An experimental and theoretical study. <i>Journal of Chemical Physics</i> , 2003, 118, 149-163.	1.2	56
9	Anchoring Molecular Chromophores to Colloidal Gold Nanocrystals: Surface-Enhanced Raman Evidence for Strong Electronic Coupling and Irreversible Structural Locking. <i>Journal of the American Chemical Society</i> , 2012, 134, 2000-2003.	6.6	55
10	Binary island-shaped arrays with high-density hot spots for surface-enhanced Raman scattering substrates. <i>Nanoscale</i> , 2018, 10, 14220-14229.	2.8	48
11	A study of HeI photoelectron spectroscopy on the electronic structure of the nitrate free radical NO ₃ . <i>Journal of Chemical Physics</i> , 1997, 106, 3003-3006.	1.2	41
12	Novel surface-enhanced Raman scattering-based assays for ultra-sensitive detection of human pluripotent stem cells. <i>Biomaterials</i> , 2016, 105, 66-76.	5.7	28
13	HeI photoelectron spectroscopic studies on the electronic structure of alkyl nitrosamines. <i>Chemical Physics Letters</i> , 1997, 277, 508-512.	1.2	24
14	Early detection of circulating DNA of <i>Schistosoma japonicum</i> in sentinel mice models. <i>Experimental Parasitology</i> , 2017, 176, 82-88.	0.5	11
15	Theoretical and HeI photoelectron spectroscopic (PES) studies on the molecular and electronic structures of a novel asymmetrically substituted phthalocyanine. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2000, 108, 213-220.	0.8	3
16	Response to "Comment on 'A study of HeI photoelectron spectroscopy on the electronic structure of the nitrate free radical NO ₃ '". <i>J. Chem. Phys.</i> 108, 1292 (1998)]. <i>Journal of Chemical Physics</i> , 1998, 108, 1293-1293.		2