

Ho-Wai Tang

List of Publications by Year in descending order

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12
papers

505
citations

933410

10
h-index

1199563

12
g-index

12
all docs

12
docs citations

12
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Harvesting More Energetic Photoexcited Electrons from Closely Packed Gold Nanoparticles. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 815-824.	2.8	7
2	Plasmonic gold nanoparticles as multifaceted probe for tissue imaging. <i>Chemical Communications</i> , 2019, 55, 2761-2764.	4.1	17
3	Chemical Printing of Biological Tissue by Gold Nanoparticle-Assisted Laser Ablation. <i>ACS Omega</i> , 2017, 2, 6031-6038.	3.5	3
4	Silver-gold alloy nanoparticles as tunable substrates for systematic control of ion-desorption efficiency and heat transfer in surface-assisted laser desorption/ionization. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20795-20807.	2.8	14
5	Nanosecond UV Laser Ablation of Gold Nanoparticles: Enhancement of Ion Desorption by Thermal-Driven Desorption, Vaporization, or Phase Explosion. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20368-20377.	3.1	30
6	Enhancement of Image Contrast, Stability, and SALDI-MS Detection Sensitivity for Latent Fingerprint Analysis by Tuning the Composition of Silver-Gold Nanoalloys. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29668-29675.	8.0	40
7	Gold nanoparticles bridging infra-red spectroscopy and laser desorption/ionization mass spectrometry for direct analysis of over-the-counter drug and botanical medicines. <i>Analytica Chimica Acta</i> , 2016, 919, 62-69.	5.4	15
8	Ion-Desorption Efficiency and Internal-Energy Transfer in Surface-Assisted Laser Desorption/Ionization: More Implication(s) for the Thermal-Driven and Phase-Transition-Driven Desorption Process. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23708-23720.	3.1	61
9	Molecular Imaging of Banknote and Questioned Document Using Solvent-Free Gold Nanoparticle-Assisted Laser Desorption/Ionization Imaging Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 453-458.	6.5	27
10	Molecular histology analysis by matrix-assisted laser desorption/ionization imaging mass spectrometry using gold nanoparticles as matrix. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3690-3696.	1.5	32
11	Ion Desorption Efficiency and Internal Energy Transfer in Carbon-Based Surface-Assisted Laser Desorption/Ionization Mass Spectrometry: Desorption Mechanism(s) and the Design of SALDI Substrates. <i>Analytical Chemistry</i> , 2009, 81, 4720-4729.	6.5	191
12	Analysis of Melamine Cyanurate in Urine Using Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 3676-3682.	6.5	68