

Shu-Hua Chen

List of Publications by Year in descending order

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16
papers

781
citations

759233

12
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940533

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all docs

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docs citations

18
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethylene Glycol-Protected Magnetic Nanoparticles for a Multiplexed Immunoassay in Human Plasma. <i>Small</i> , 2006, 2, 485-489.	10.0	140
2	Fabrication of Oriented Antibody-Conjugated Magnetic Nanoprobes and Their Immunoaffinity Application. <i>Analytical Chemistry</i> , 2009, 81, 8774-8782.	6.5	105
3	How Closely Related Are Conformations of Protein Ions Sampled by IM-MS to Native Solution Structures?. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1433-1443.	2.8	93
4	Nanoprobe-Based Affinity Mass Spectrometry for Selected Protein Profiling in Human Plasma. <i>Analytical Chemistry</i> , 2005, 77, 5990-5997.	6.5	77
5	Multiplexed Immunoassay: Quantitation and Profiling of Serum Biomarkers Using Magnetic Nanoprobes and MALDI-TOF MS. <i>Analytical Chemistry</i> , 2008, 80, 6159-6167.	6.5	77
6	Carbohydrate-Encapsulated Gold Nanoparticles for Rapid Target-Protein Identification and Binding-Epitope Mapping. <i>ChemBioChem</i> , 2005, 6, 1169-1173.	2.6	69
7	Metal-Induced Conformational Changes of Human Metallothionein-2A: A Combined Theoretical and Experimental Study of Metal-Free and Partially Metalated Intermediates. <i>Journal of the American Chemical Society</i> , 2014, 136, 9499-9508.	13.7	67
8	Combining Chemical Labeling, Bottom-Up and Top-Down Ion-Mobility Mass Spectrometry To Identify Metal-Binding Sites of Partially Metalated Metallothionein. <i>Analytical Chemistry</i> , 2013, 85, 3229-3237.	6.5	43
9	An Experimental Study of the Solvent-Dependent Self-Assembly/Disassembly and Conformer Preferences of Gramicidin A. <i>Analytical Chemistry</i> , 2013, 85, 7826-7833.	6.5	23
10	Reaction of Human Cd ²⁺ metallothionein and N-Ethylmaleimide: Kinetic and Structural Insights from Electrospray Ionization Mass Spectrometry. <i>Biochemistry</i> , 2015, 54, 6021-6028.	2.5	20
11	Modifier-assisted differential mobility tandem mass spectrometry method for detection and quantification of amphetamine-type stimulants in urine. <i>Analytica Chimica Acta</i> , 2016, 946, 1-8.	5.4	20
12	Targeted protein quantitation and profiling using PVDF affinity probe and MALDI-TOF MS. <i>Proteomics</i> , 2007, 7, 3038-3050.	2.2	17
13	Identification of <i>Salmonella</i> Taxon-Specific Peptide Markers to the Serovar Level by Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 4388-4395.	6.5	13
14	Improved analysis of membrane protein by PVDF-aided, matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 556, 237-246.	5.4	12
15	Exploring the expression bar code of SAA variants for gastric cancer detection. <i>Proteomics</i> , 2017, 17, 1600356.	2.2	3
16	Genus, Species, and Subspecies Classification of <i>Salmonella</i> Isolates by Proteomics. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4264.	2.5	2