

Shiaw-Lin Wu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,247
citations

394421

19
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1510
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mass Spectrometric Determination of Disulfide Linkages in Recombinant Therapeutic Proteins Using Online LC-MS with Electron-Transfer Dissociation. <i>Analytical Chemistry</i> , 2009, 81, 112-122. | 6.5 | 128 |
| 2 | On-Line LC-MS Approach Combining Collision-Induced Dissociation (CID), Electron-Transfer Dissociation (ETD), and CID of an Isolated Charge-Reduced Species for the Trace-Level Characterization of Proteins with Post-Translational Modifications. <i>Journal of Proteome Research</i> , 2007, 6, 4230-4244. | 3.7 | 126 |
| 3 | Targeted Proteomics of Low-Level Proteins in Human Plasma by LC/MSn Using Human Growth Hormone as a Model System. <i>Journal of Proteome Research</i> , 2002, 1, 459-465. | 3.7 | 123 |
| 4 | Extended Range Proteomic Analysis (ERPA): A New and Sensitive LC-MS Platform for High Sequence Coverage of Complex Proteins with Extensive Post-translational Modifications Comprehensive Analysis of Beta-Casein and Epidermal Growth Factor Receptor (EGFR). <i>Journal of Proteome Research</i> , 2005, 4, 1155-1170. | 3.7 | 121 |
| 5 | Characterization and Comparison of Disulfide Linkages and Scrambling Patterns in Therapeutic Monoclonal Antibodies: Using LC-MS with Electron Transfer Dissociation. <i>Analytical Chemistry</i> , 2011, 83, 3133-3140. | 6.5 | 96 |
| 6 | Dynamic Profiling of the Post-translational Modifications and Interaction Partners of Epidermal Growth Factor Receptor Signaling after Stimulation by Epidermal Growth Factor Using Extended Range Proteomic Analysis (ERPA). <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1610-1627. | 3.8 | 84 |
| 7 | Pim-2 Kinase Influences Regulatory T Cell Function and Stability by Mediating Foxp3 Protein N-terminal Phosphorylation. <i>Journal of Biological Chemistry</i> , 2015, 290, 20211-20220. | 3.4 | 74 |
| 8 | Identification of the Unpaired Cysteine Status and Complete Mapping of the 17 Disulfides of Recombinant Tissue Plasminogen Activator Using LC-MS with Electron Transfer Dissociation/Collision Induced Dissociation. <i>Analytical Chemistry</i> , 2010, 82, 5296-5303. | 6.5 | 67 |
| 9 | A New Algorithm Using Cross-Assignment for Label-Free Quantitation with LC-LTQ-FT MS. <i>Journal of Proteome Research</i> , 2007, 6, 2186-2194. | 3.7 | 49 |
| 10 | Characterization of the Glycosylation Occupancy and the Active Site in the Follow-on Protein Therapeutic: TNK-Tissue Plasminogen Activator. <i>Analytical Chemistry</i> , 2010, 82, 6154-6162. | 6.5 | 45 |
| 11 | Proteomic Analysis of High-Grade Dysplastic Cervical Cells Obtained from ThinPrep Slides Using Laser Capture Microdissection and Mass Spectrometry. <i>Journal of Proteome Research</i> , 2007, 6, 4256-4268. | 3.7 | 42 |
| 12 | A new and sensitive on-line liquid chromatography/mass spectrometric approach for top-down protein analysis: the comprehensive analysis of human growth hormone in an E. coli lysate using a hybrid linear ion trap/Fourier transform ion cyclotron resonance mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2201-2207. | 1.5 | 41 |
| 13 | Analysis of mouse brain microvascular endothelium using immuno-laser capture microdissection coupled to a hybrid linear ion trap with Fourier transform mass spectrometry proteomics platform. <i>Electrophoresis</i> , 2008, 29, 2689-2695. | 2.4 | 41 |
| 14 | Aberrant Serum Immunoglobulin G Glycosylation in Chronic Hepatitis B Is Associated With Histological Liver Damage and Reversible by Antiviral Therapy. <i>Journal of Infectious Diseases</i> , 2015, 211, 115-124. | 4.0 | 38 |
| 15 | Complete Mapping of a Cystine Knot and Nested Disulfides of Recombinant Human Arylsulfatase A by Multi-Enzyme Digestion and LC-MS Analysis Using CID and ETD. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 125-133. | 2.8 | 36 |
| 16 | A global comparability approach for biosimilar monoclonal antibodies using LC-tandem MS based proteomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 80, 126-135. | 2.8 | 29 |
| 17 | Glycation of interferon-beta-1b and human serum albumin in a lyophilized glucose formulation. <i>International Journal of Pharmaceutics</i> , 2006, 322, 136-145. | 5.2 | 25 |
| 18 | Mass spectrometric analysis of innovator, counterfeit, and follow-on recombinant human growth hormone. <i>Biotechnology Progress</i> , 2009, 25, 207-218. | 2.6 | 25 |

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|----|---|-----|-----------|
| 19 | Analysis of Mouse Brain Microvascular Endothelium Using Laser Capture Microdissection Coupled with Proteomics. <i>Methods in Molecular Biology</i> , 2011, 686, 297-311. | 0.9 | 19 |
| 20 | Characterization of Site-Specific Glycosylation in Influenza A Virus Hemagglutinin Produced by <i>Spodoptera frugiperda</i> Insect Cell Line. <i>Analytical Chemistry</i> , 2017, 89, 11036-11043. | 6.5 | 16 |
| 21 | Development of LC-MS methods for quantitation of hepcidin and demonstration of siRNA-mediated hepcidin suppression in serum. <i>Journal of Pharmacological and Toxicological Methods</i> , 2015, 71, 110-119. | 0.7 | 9 |
| 22 | Integrated Proteomic and Genomic Analysis of Gastric Cancer Patient Tissues. <i>Journal of Proteome Research</i> , 2015, 14, 4995-5006. | 3.7 | 7 |
| 23 | Integrated Bottom-Up and Top-Down Liquid Chromatography-Mass Spectrometry for Characterization of Recombinant Human Growth Hormone Degradation Products. <i>Analytical Chemistry</i> , 2017, 89, 12771-12777. | 6.5 | 6 |