

# Mingliang Ye

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

238  
papers

8,963  
citations

51  
h-index

84  
g-index

249  
ext. papers

10,145  
ext. citations

6.4  
avg, IF

6.02  
L-index

#	Paper	IF	Citations
238	MS-Decipher: a user-friendly proteome database search software with an emphasis on deciphering the spectra of O-linked glycopeptides.. <i>Bioinformatics</i> , <b>2022</b> ,	7.2	1
237	Characterization of a small-molecule inhibitor targeting NEMO/IKK $\beta$ to suppress colorectal cancer growth.. <i>Signal Transduction and Targeted Therapy</i> , <b>2022</b> , 7, 71	21	1
236	Glyco-Decipher enables glycan database-independent peptide matching and in-depth characterization of site-specific N-glycosylation.. <i>Nature Communications</i> , <b>2022</b> , 13, 1900	17.4	2
235	An antibody-free enrichment approach enabled by reductive glutaraldehydation for monomethyllysine proteome analysis.. <i>Proteomics</i> , <b>2022</b> , e2100378	4.8	1
234	Mirror-Cutting-Based Digestion Strategy Enables the and Accuracy Characterization of N-Linked Protein Glycosylation. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 4948-4958	5.6	0
233	Chemical Depletion of Histidine-Containing Peptides Allows Identification of More Low-Abundance Methylation Sites from Proteome Samples. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 2497-2505	5.6	1
232	Rapid Enzyme-Mediated Biotinylation for Cell Surface Proteome Profiling. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4542-4551	7.8	1
231	An efficient approach based on basic strong cation exchange chromatography for enriching methylated peptides with high specificity for methylproteomics analysis. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1161, 338467	6.6	2
230	Highly Efficient Enrichment of O-GalNAc Glycopeptides by Using Immobilized Metal Ion Affinity Chromatography. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 7579-7587	7.8	2
229	Automated Intact Glycopeptide Enrichment Method Facilitating Highly Reproducible Analysis of Serum Site-Specific N-Glycoproteome. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 7473-7480	7.8	4
228	Glycoproteomics Analysis Reveals Differential Expression of Site-Specific Glycosylation in Human Milk Whey during Lactation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 6690-6700	5.7	0
227	Dual-Functional Ti(IV)-IMAC Material Enables Simultaneous Enrichment and Separation of Diverse Glycopeptides and Phosphopeptides. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 8568-8576	7.8	7
226	Mechanical stress induced protein precipitation method for drug target screening. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1168, 338612	6.6	3
225	WIDENING THE BOTTLENECK OF PHOSPHOPROTEOMICS: EVOLVING STRATEGIES FOR PHOSPHOPEPTIDE ENRICHMENT. <i>Mass Spectrometry Reviews</i> , <b>2021</b> , 40, 309-333	11	26
224	Facile preparation of bifunctional adsorbents for efficiently enriching N-glycopeptides and phosphopeptides. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1144, 111-120	6.6	10
223	Selective enrichment of N-terminal proline peptides via hydrazide chemistry for proteomics analysis. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1142, 48-55	6.6	4
222	Integration of covalent organic frameworks into hydrophilic membrane with hierarchical porous structure for fast adsorption of metal ions. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 407, 124390	12.8	16

221	Operative ubiquitin-specific protease 22 deubiquitination confers a more invasive phenotype to cholangiocarcinoma. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 678	9.8	2
220	Comparative evaluation of MAX-TiAlC and MXene-TiC as affinity chromatographic materials for highly selective enrichment of phosphopeptides. <i>Nanoscale</i> , <b>2021</b> , 13, 2923-2930	7.7	5
219	GALNT6 promotes invasion and metastasis of human lung adenocarcinoma cells through O-glycosylating chaperone protein GRP78. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 352	9.8	5
218	A Mass-Spectrometry-Based Antibody-Free Approach Enables the Quantification of D-Dimer in Plasma. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 3143-3152	5.6	0
217	Atomically Precise Structure Determination of Porous Organic Cage from Ab Initio PXRD Structure Analysis: Its Molecular Click Postfunctionalization and CO Capture Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 17815-17823	9.5	4
216	A Simplified Thermal Proteome Profiling Approach to Screen Protein Targets of a Ligand. <i>Proteomics</i> , <b>2020</b> , 20, e1900372	4.8	4
215	Profiling of Endogenously Intact N-Linked and O-Linked Glycopeptides from Human Serum Using an Integrated Platform. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1423-1434	5.6	4
214	Targeting the EphB4 receptor tyrosine kinase sensitizes HER2-positive breast cancer cells to Lapatinib. <i>Cancer Letters</i> , <b>2020</b> , 475, 53-64	9.9	9
213	Proteomics analysis reveals the defense priming effect of chitosan oligosaccharides in Arabidopsis-Pst DC3000 interaction. <i>Plant Physiology and Biochemistry</i> , <b>2020</b> , 149, 301-312	5.4	15
212	Fast fabrication and modification of polyoctahedral silsesquioxane-containing monolithic columns via two-step photo-initiated reactions and their application in proteome analysis of tryptic digests. <i>Talanta</i> , <b>2020</b> , 209, 120526	6.2	5
211	An overview on enrichment methods for cell surface proteome profiling. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 292-312	3.4	13
210	Probing the Proteomics Dark Regions by VAILase Cleavage at Aliphatic Amino Acids. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2770-2777	7.8	6
209	Integrated Microstructured Photonic Fiber as a Bifunctional Robust Frit and Efficient Electrospray Emitter of a Packed Column for Capillary Liquid Chromatography-Tandem Mass Spectrometry Analysis of Complex Biological Samples. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2274-2282	7.8	2
208	Solvent-Induced Protein Precipitation for Drug Target Discovery on the Proteomic Scale. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1363-1371	7.8	21
207	Highly Efficient Separation of Methylated Peptides Utilizing Selective Complexation between Lysine and 18-Crown-6. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 15663-15670	7.8	3
206	A New Workflow for the Analysis of Phosphosite Occupancy in Paired Samples by Integration of Proteomics and Phosphoproteomics Data Sets. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 3807-3816	5.6	1
205	Multi-histidine functionalized material for the specific enrichment of sialylated glycopeptides. <i>Journal of Chromatography A</i> , <b>2020</b> , 1627, 461422	4.5	2
204	One-step synthesis of hydrophilic microspheres for highly selective enrichment of N-linked glycopeptides. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1130, 91-99	6.6	6

203	Microparticle-Assisted Precipitation Screening Method for Robust Drug Target Identification. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13912-13921	7.8	5
202	Functional Nanochannels for Sensing Tyrosine Phosphorylation. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16324-16333	16.4	23
201	Modification-free approaches to screen drug targets at proteome level. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 124, 115574	14.6	8
200	Comparative proteomic analysis of protein methylation provides insight into the resistance of hepatocellular carcinoma to 5-fluorouracil. <i>Journal of Proteomics</i> , <b>2020</b> , 219, 103738	3.9	1
199	Challenges and Advances in the Fabrication of Monolithic Bioseparation Materials and their Applications in Proteomics Research. <i>Advanced Materials</i> , <b>2019</b> , 31, e1902023	24	34
198	Thiol-ene polymerization for hierarchically porous hybrid materials by adding degradable polycaprolactone for adsorption of bisphenol A. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 367, 465-472	12.8	7
197	Quantitative proteomic and phosphoproteomic studies reveal novel 5-fluorouracil resistant targets in hepatocellular carcinoma. <i>Journal of Proteomics</i> , <b>2019</b> , 208, 103501	3.9	7
196	Facile Fabrication of Biomimetic Chitosan Membrane with Honeycomb-Like Structure for Enrichment of Glycosylated Peptides. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2985-2993	7.8	39
195	Preparation of epoxy-functionalized hierarchically porous hybrid monoliths via free radical polymerization and application in HILIC enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1058, 97-106	6.6	16
194	One-Step Preparation of Zwitterionic-Rich Hydrophilic Hydrothermal Carbonaceous Materials for Enrichment of N-Glycopeptides. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 11511-11520	8.3	17
193	An integrated strategy for high-sensitive and multi-level glycoproteome analysis from low micrograms of protein samples. <i>Journal of Chromatography A</i> , <b>2019</b> , 1600, 46-54	4.5	8
192	Proteomics analysis of site-specific glycoforms by a virtual multistage mass spectrometry method. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1070, 60-68	6.6	10
191	One-Step SH2 Superbinder-Based Approach for Sensitive Analysis of Tyrosine Phosphoproteome. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 1870-1879	5.6	8
190	Porous styryl-linked polyhedral oligomeric silsesquioxane (POSS) polymers used as a support for platinum catalysts. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 851-859	7.8	10
189	A new chromatographic approach to analyze methylproteome with enhanced lysine methylation identification performance. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1068, 111-119	6.6	10
188	One-step preparation of phosphate-rich carbonaceous spheres via a hydrothermal approach for phosphopeptide analysis. <i>Green Chemistry</i> , <b>2019</b> , 21, 2052-2060	10	20
187	Fabrication of Hydrazone-Linked Covalent Organic Frameworks Using Alkyl Amine as Building Block for High Adsorption Capacity of Metal Ions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 11706-11714	9.5	71
186	Sensitive profiling of cell surface proteome by using an optimized biotinylation method. <i>Journal of Proteomics</i> , <b>2019</b> , 196, 33-41	3.9	10

185	Fast fabrication of a hybrid monolithic column containing cyclic and aliphatic hydrophobic ligands via photo-initiated thiol-ene polymerization. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 1332-1340	3.4	7
184	A chemoenzymatic approach enables the site-specific conjugation of recombinant proteins. <i>Electrophoresis</i> , <b>2019</b> , 40, 2125-2128	3.6	
183	Dual-Functional Titanium(IV) Immobilized Metal Affinity Chromatography Approach for Enabling Large-Scale Profiling of Protein Mannose-6-Phosphate Glycosylation and Revealing Its Predominant Substrates. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11589-11597	7.8	19
182	Highly Efficient Analysis of Glycoprotein Sialylation in Human Serum by Simultaneous Quantification of Glycosites and Site-Specific Glycoforms. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 3439-3446	5.6	8
181	SIRT5 Promotes Hepatocellular Carcinoma Progression by Regulating Mitochondrial Apoptosis. <i>Journal of Cancer</i> , <b>2019</b> , 10, 3871-3882	4.5	25
180	A New Searching Strategy for the Identification of O-Linked Glycopeptides. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3852-3859	7.8	20
179	One-step fabrication of cinchona-based hybrid monolithic chiral stationary phases via photo-initiated thiol-ene polymerization for cLC enantioseparation. <i>Talanta</i> , <b>2019</b> , 198, 432-439	6.2	15
178	Sol-gel preparation of titanium (IV)-immobilized hierarchically porous organosilica hybrid monoliths. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1046, 199-207	6.6	13
177	Enrichment of Methylated Peptides Using an Antibody-free Approach for Global Methylproteomics Analysis. <i>Current Protocols in Protein Science</i> , <b>2018</b> , 91, 14.18.1-14.18.14	3.1	2
176	Pseudotargeted MS Method for the Sensitive Analysis of Protein Phosphorylation in Protein Complexes. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 6214-6221	7.8	8
175	Fast preparation of hybrid monolithic columns via photo-initiated thiol-yne polymerization for capillary liquid chromatography. <i>Journal of Chromatography A</i> , <b>2018</b> , 1538, 8-16	4.5	16
174	SH2 Superbinder Modified Monolithic Capillary Column for the Sensitive Analysis of Protein Tyrosine Phosphorylation. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 243-251	5.6	7
173	Recent advances in methods for the analysis of protein o-glycosylation at proteome level. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 248-261	3.4	31
172	Highly Efficient Identification of O-GalNAc Glycosylation by an Acid-Assisted Glycoform Simplification Approach. <i>Proteomics</i> , <b>2018</b> , 18, e1800042	4.8	6
171	Thiol-radical-mediated polymerization for preparation of POSS-containing polyacrylate monoliths in capillary liquid chromatography. <i>Talanta</i> , <b>2018</b> , 190, 62-69	6.2	15
170	Palladium catalyst imbedded in polymers of intrinsic microporosity for the Suzuki-Miyaura coupling reaction.. <i>RSC Advances</i> , <b>2018</b> , 8, 35205-35210	3.7	8
169	Chemoenzymatic Approach for the Proteomics Analysis of Mucin-Type Core-1 O-Glycosylation in Human Serum. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 12714-12722	7.8	10
168	Dendritic Mesoporous Silica Nanoparticles with Abundant Ti for Phosphopeptide Enrichment from Cancer Cells with 96% Specificity. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7617-7625	7.8	53

167	Facile preparation of microporous organic polymers functionalized macroporous hydrophilic resin for selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1030, 96-104	6.6	19
166	The divide and conquer strategies for deep phosphoproteomics analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 105, 282-291	14.6	6
165	Construction of hierarchically porous monoliths from covalent organic frameworks (COFs) and their application for bisphenol A removal. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 355, 145-153	12.8	60
164	Biphasic Affinity Chromatographic Approach for Deep Tyrosine Phosphoproteome Analysis. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2405-2410	7.8	12
163	Analysis of therapeutic monoclonal antibody glycoforms by mass spectrometry for pharmacokinetics study. <i>Talanta</i> , <b>2017</b> , 165, 664-670	6.2	4
162	Sensitive Approaches for the Assay of the Global Protein Tyrosine Phosphorylation in Complex Samples Using a Mutated SH2 Domain. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2304-2311	7.8	7
161	Functionalization of hybrid monolithic columns via thiol-ene click reaction for proteomics analysis. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 29-36	4.5	15
160	In-Depth Analysis of Glycoprotein Sialylation in Serum Using a Dual-Functional Material with Superior Hydrophilicity and Switchable Surface Charge. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 3966-3972	7.8	33
159	Protein digestomic analysis reveals the bioactivity of deer antler velvet in simulated gastrointestinal digestion. <i>Food Research International</i> , <b>2017</b> , 96, 182-190	7	8
158	Preparation of open tubular capillary columns by in situ ring-opening polymerization and their applications in cLC-MS/MS analysis of tryptic digest. <i>Analytica Chimica Acta</i> , <b>2017</b> , 979, 58-65	6.6	16
157	One-Pot Preparation of Macroporous Organic-Silica Monolith for the Organics-/Oil-Water Separation. <i>ChemistrySelect</i> , <b>2017</b> , 2, 4538-4544	1.8	6
156	Hanfa Zou, 1961-2016. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 2-7	4.5	
155	An immobilized titanium (IV) ion affinity chromatography adsorbent for solid phase extraction of phosphopeptides for phosphoproteome analysis. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 22-28	4.5	28
154	Facile Preparation of Titanium(IV)-Immobilized Hierarchically Porous Hybrid Monoliths. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 4655-4662	7.8	29
153	Proteomics Analysis of O-GalNAc Glycosylation in Human Serum by an Integrated Strategy. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1469-1476	7.8	29
152	Preparation and characterization of hydrophilic hybrid monoliths via thiol-ene click polymerization and their applications in chromatographic analysis and glycopeptides enrichment. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 37-45	4.5	19
151	Facile preparation of polysaccharide functionalized macroporous adsorption resin for highly selective enrichment of glycopeptides. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 72-79	4.5	30
150	Investigating the Relationship between the Substrates Consumption and Their Abundances in a Complex Enzymatic System. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 10644-10648	7.8	0

149	Facile preparation of multi-functionalized hybrid monoliths via two-step photo-initiated reactions for two-dimensional liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2017</b> , 1524, 135-142	4.5	14
148	Hydrogen bond based smart polymer for highly selective and tunable capture of multiply phosphorylated peptides. <i>Nature Communications</i> , <b>2017</b> , 8, 461	17.4	51
147	Synthesis of polymeric monoliths via thiol-maleimide polymerization reaction for highly efficient chromatographic separation. <i>Journal of Chromatography A</i> , <b>2017</b> , 1514, 72-79	4.5	17
146	Sensitive, Robust, and Cost-Effective Approach for Tyrosine Phosphoproteome Analysis. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9307-9314	7.8	16
145	Strategies for large-scale analysis of non-histone protein methylation by LC-MS/MS. <i>Analyst, The</i> , <b>2017</b> , 142, 3536-3548	5	26
144	Enzyme Kinetics for Complex System Enables Accurate Determination of Specificity Constants of Numerous Substrates in a Mixture by Proteomics Platform. <i>Molecular and Cellular Proteomics</i> , <b>2017</b> , 16, 135-145	7.6	7
143	Caffeic acid phenethyl ester (CAPE) revisited: Covalent modulation of XPO1/CRM1 activities and implication for its mechanism of action. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 89, 655-662	2.9	7
142	Salinity-Induced Palmella Formation Mechanism in Halotolerant Algae Revealed by Quantitative Proteomics and Phosphoproteomics. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 810	6.2	28
141	Au <sub>2</sub> S <sub>3</sub> modified macroporous adsorption resin: preparation and highly selective enrichment and identification of N-linked glycopeptides from the complex biological sample. <i>RSC Advances</i> , <b>2016</b> , 6, 113058-113065	3.7	14
140	Ultra-deep tyrosine phosphoproteomics enabled by a phosphotyrosine superbinder. <i>Nature Chemical Biology</i> , <b>2016</b> , 12, 959-966	11.7	88
139	Tailor-Made Stable Zr(IV)-Based Metal-Organic Frameworks for Laser Desorption/Ionization Mass Spectrometry Analysis of Small Molecules and Simultaneous Enrichment of Phosphopeptides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 20292-300	9.5	66
138	Synthesis and Characterization of Hydrazide-Linked and Amide-Linked Organic Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32060-32067	9.5	28
137	Antibody-Free Approach for the Global Analysis of Protein Methylation. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 11319-11327	7.8	29
136	Induction of predominant tenogenic phenotype in human dermal fibroblasts via synergistic effect of TGF- $\beta$ and elongated cell shape. <i>American Journal of Physiology - Cell Physiology</i> , <b>2016</b> , 310, C357-72	5.4	23
135	Characterization of site-specific glycosylation of secreted proteins associated with multi-drug resistance of gastric cancer. <i>Oncotarget</i> , <b>2016</b> , 7, 25315-27	3.3	31
134	A bead-based cleavage method for large-scale identification of protease substrates. <i>Scientific Reports</i> , <b>2016</b> , 6, 22645	4.9	8
133	In vivo protein allylation to capture protein methylation candidates. <i>Chemical Communications</i> , <b>2016</b> , 52, 6689-92	5.8	9
132	Preparation of Polypropylene Spin Tips Filled with Immobilized Titanium(IV) Ion Monolithic Adsorbent for Robust Phosphoproteome Analysis. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5058-64	7.8	31

131	Amine Chemistry Method for Selective Enrichment of N-Linked Glycopeptides for Glycoproteomics Analysis. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 3892-9	5.6	13
130	A peptide N-terminal protection strategy for comprehensive glycoproteome analysis using hydrazide chemistry based method. <i>Scientific Reports</i> , <b>2015</b> , 5, 10164	4.9	28
129	Highly Efficient Release of Glycopeptides from Hydrazide Beads by Hydroxylamine Assisted PNGase F Deglycosylation for N-Glycoproteome Analysis. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 10199-204	7.8	39
128	Specific Enrichment of Peptides with N-Terminal Serine/Threonine by a Solid-Phase Capture-Release Approach for Efficient Proteomics Analysis. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 11353-60	7.8	12
127	Selective Enrichment of Cysteine-Containing Phosphopeptides for Subphosphoproteome Analysis. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 5341-7	5.6	11
126	Proteomic analysis of protein methylation in the yeast <i>Saccharomyces cerevisiae</i> . <i>Journal of Proteomics</i> , <b>2015</b> , 114, 226-33	3.9	27
125	Comprehensive proteome quantification reveals NgBR as a new regulator for epithelial-mesenchymal transition of breast tumor cells. <i>Journal of Proteomics</i> , <b>2015</b> , 112, 38-52	3.9	27
124	The proteomic analysis improved by cleavage kinetics-based fractionation of tryptic peptides. <i>Proteomics</i> , <b>2015</b> , 15, 3613-6	4.8	2
123	Mitotic Protein CSPP1 Interacts with CENP-H Protein to Coordinate Accurate Chromosome Oscillation in Mitosis. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 27053-27066	5.4	10
122	Facile synthesis of zwitterionic polymer-coated core-shell magnetic nanoparticles for highly specific capture of N-linked glycopeptides. <i>Nanoscale</i> , <b>2015</b> , 7, 3100-8	7.7	95
121	Large-scale quantification of single amino-acid variations by a variation-associated database search strategy. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 241-8	5.6	20
120	Trypsin-catalyzed N-terminal labeling of peptides with stable isotope-coded affinity tags for proteome analysis. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 1170-7	7.8	8
119	An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome. <i>Journal of Proteomics</i> , <b>2014</b> , 96, 253-62	3.9	166
118	Enrichment and separation techniques for large-scale proteomics analysis of the protein post-translational modifications. <i>Journal of Chromatography A</i> , <b>2014</b> , 1372C, 1-17	4.5	72
117	Large-scale characterization of intact N-glycopeptides using an automated glycoproteomic method. <i>Journal of Proteomics</i> , <b>2014</b> , 110, 145-54	3.9	54
116	Efficient enrichment of glycopeptides using metal-organic frameworks by hydrophilic interaction chromatography. <i>Analyst</i> , <b>2014</b> , 139, 4987-93	5	54
115	Quantitative proteomics reveals the kinetics of trypsin-catalyzed protein digestion. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 6247-56	4.4	19
114	Integration of cell lysis, protein extraction, and digestion into one step for ultrafast sample preparation for phosphoproteome analysis. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 6786-91	7.8	17



113	In situ sample processing approach (iSPA) for comprehensive quantitative phosphoproteome analysis. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 3896-904	5.6	12
112	High-throughput determination of the site-specific N-sialoglycan occupancy rates by differential oxidation of glycoproteins followed with quantitative glycoproteomics analysis. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 9830-7	7.8	14
111	Differential analysis of N-glycoproteome between hepatocellular carcinoma and normal human liver tissues by combination of multiple protease digestion and solid phase based labeling. <i>Clinical Proteomics</i> , <b>2014</b> , 11, 26	5	6
110	Comprehensive mapping of protein N-glycosylation in human liver by combining hydrophilic interaction chromatography and hydrazide chemistry. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 1713-21	5.6	61
109	Analysis of the human urine endogenous peptides by nanoparticle extraction and mass spectrometry identification. <i>Analytica Chimica Acta</i> , <b>2014</b> , 829, 40-7	6.6	12
108	Analysis of the endogenous human serum peptides by on-line extraction with restricted-access material and HPLC-MS/MS identification. <i>Talanta</i> , <b>2014</b> , 127, 191-5	6.2	20
107	One-pot synthesis of magnetic colloidal nanocrystal clusters coated with chitosan for selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2014</b> , 841, 99-105	6.6	60
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