

# Hongqiang Qin

## List of Publications by Citations

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47  
papers

973  
citations

17  
h-index

30  
g-index

55  
ext. papers

1,212  
ext. citations

7.7  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
47	Highly efficient extraction of serum peptides by ordered mesoporous carbon. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 12218-21	16.4	111
46	A poly(ethylene glycol)-brush decorated magnetic polymer for highly specific enrichment of phosphopeptides. <i>Chemical Science</i> , <b>2012</b> , 3, 2828	9.4	89
45	Dual-Metal Centered Zirconium-Organic Framework: A Metal-Affinity Probe for Highly Specific Interaction with Phosphopeptides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 35012-35020	9.5	68
44	Size-selective enrichment of N-linked glycans using highly ordered mesoporous carbon material and detection by MALDI-TOF MS. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 7721-8	7.8	65
43	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
42	Synthesis of zwitterionic polymer brushes hybrid silica nanoparticles via controlled polymerization for highly efficient enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2014</b> , 809, 61-8	6.6	56
41	Facile preparation of ordered mesoporous silica-carbon composite nanoparticles for glycan enrichment. <i>Chemical Communications</i> , <b>2013</b> , 49, 5162-4	5.8	46
40	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
39	Phosphoric acid functionalized mesoporous organo-silica (EPO) as the adsorbent for in situ enrichment and isotope labeling of endogenous phosphopeptides. <i>Chemical Communications</i> , <b>2012</b> , 48, 961-3	5.8	36
38	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
37	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
36	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
35	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
34	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
33	Isobaric cross-sequence labeling of peptides by using site-selective N-terminus dimethylation. <i>Chemical Communications</i> , <b>2012</b> , 48, 6265-7	5.8	28
32	Functional Nanochannels for Sensing Tyrosine Phosphorylation. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16324-16333	16.4	23
31	A New Searching Strategy for the Identification of O-Linked Glycopeptides. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3852-3859	7.8	20

30	Sensitive, Robust, and Cost-Effective Approach for Tyrosine Phosphoproteome Analysis. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9307-9314	7.8	16
29	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
28	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
27	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
26	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
25	Selective Enrichment of Cysteine-Containing Phosphopeptides for Subphosphoproteome Analysis. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 5341-7	5.6	11
24	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
23	Highly Efficient Extraction of Serum Peptides by Ordered Mesoporous Carbon. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12426-12429	3.6	10
22	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
21	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
20	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
19	Imine-linked conjugated organic polymer bearing bis(imino)pyridine ligands and its catalytic application in C-C coupling reactions. <i>Chinese Journal of Catalysis</i> , <b>2014</b> , 35, 540-545	11.3	7
18	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
17	Interaction of lncRNA MIR100HG with hnRNPA2B1 facilitates mA-dependent stabilization of TCF7L2 mRNA and colorectal cancer progression.. <i>Molecular Cancer</i> , <b>2022</b> , 21, 74	42.1	6
16	High specific phosphopeptides enrichment by titanium silicalite with post-treatment of desilication. <i>Analytical Methods</i> , <b>2013</b> , 5, 2939	3.2	5
15	Analysis of therapeutic monoclonal antibody glycoforms by mass spectrometry for pharmacokinetics study. <i>Talanta</i> , <b>2017</b> , 165, 664-670	6.2	4
14	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
13	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

12	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
11	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
10	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
9	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
8	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
7	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
6	Diverse protein manipulations with genetically encoded glutamic acid benzyl ester. <i>Chemical Science</i> , <b>2021</b> , 12, 9778-9785	9.4	1
5	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
4	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
3	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
2	N-Terminal Labeling of Peptides by Trypsin-Catalyzed Ligation for Quantitative Proteomics. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 9375-9379	3.6	
1	Toward an Orthogonal Protein Lysine Acylation and Deacylation System.. <i>ChemBioChem</i> , <b>2021</b> , e202100551	5.5	1