

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.

54
papers

1,161
citations

21
h-index

32
g-index

57
ext. papers

1,330
ext. citations

5.9
avg, IF

4.22
L-index

#	Paper	IF	Citations
54	The Hydrogen-Coupled Oligopeptide Membrane Cotransporter Pept2 is SUMOylated in Kidney Distal Convolute Tubule Cells. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 790606	5.6	0
53	The Cl/HCO exchanger pendrin is downregulated during oral co-administration of exogenous mineralocorticoid and KCl in patients with primary aldosteronism. <i>Journal of Human Hypertension</i> , 2021 , 35, 837-848	2.6	4
52	An in vivo protein landscape of the mouse DCT during high dietary K or low dietary Na intake. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, F908-F921	4.3	2
51	Urinary proteomics for kidney dysfunction: insights and trends. <i>Expert Review of Proteomics</i> , 2021 , 18, 437-452	4.2	1
50	Large-Scale Proteomic Assessment of Urinary Extracellular Vesicles Highlights Their Reliability in Reflecting Protein Changes in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 2195-2209	12.7	3
49	Dysregulation of Principal Cell miRNAs Facilitates Epigenetic Regulation of AQP2 and Results in Nephrogenic Diabetes Insipidus. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 1339-1354	12.7	6
48	Genetic disruption of slc4a10 alters the capacity for cellular metabolism and vectorial ion transport in the choroid plexus epithelium. <i>Fluids and Barriers of the CNS</i> , 2020 , 17, 2	7	4
47	SUMOylation Landscape of Renal Cortical Collecting Duct Cells. <i>Journal of Proteome Research</i> , 2019 , 18, 3640-3648	5.6	2
46	Graphene quantum dots functionalized β -cyclodextrin and cellulose chiral stationary phases with enhanced enantioseparation performance. <i>Journal of Chromatography A</i> , 2019 , 1600, 209-218	4.5	22
45	Preparation and chromatographic performance of a multifunctional immobilized chiral stationary phase based on dialdehyde microcrystalline cellulose derivatives. <i>Chirality</i> , 2019 , 31, 669-681	2.1	9
44	Rapid Aldosterone-Mediated Signaling in the DCT Increases Activity of the Thiazide-Sensitive NaCl Cotransporter. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1454-1470	12.7	25
43	Graphene quantum dots-functionalized C hydrophobic/hydrophilic stationary phase for high performance liquid chromatography. <i>Talanta</i> , 2019 , 194, 105-113	6.2	18
42	Nano-amylose-2,3-bis(3,5-dimethylphenylcarbamate)-silica hybrid sol immobilized on open tubular capillary column for capillary electrochromatography enantioseparation. <i>Electrophoresis</i> , 2018 , 39, 1086-1095	3.6	6
41	Ionic liquid-functionalized graphene quantum dot-bonded silica as multi-mode HPLC stationary phase with enhanced selectivity for acid compounds. <i>New Journal of Chemistry</i> , 2018 , 42, 8672-8680	3.6	16
40	CHIP Regulates Aquaporin-2 Quality Control and Body Water Homeostasis. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 936-948	12.7	36
39	A robust and effective intact protein fractionation strategy by GO/PEI/Au/PEG nanocomposites for human plasma proteome analysis. <i>Talanta</i> , 2018 , 178, 49-56	6.2	6
38	The murine choroid plexus epithelium expresses the 2Cl/H exchanger CLC-7 and Na/H exchanger NHE6 in the luminal membrane domain. <i>American Journal of Physiology - Cell Physiology</i> , 2018 , 314, C439-C448	5.4	12

37	Multi-mode application of graphene quantum dots bonded silica stationary phase for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017 , 1492, 61-69	4.5	38
36	The thiazide sensitive sodium chloride co-transporter NCC is modulated by site-specific ubiquitylation. <i>Scientific Reports</i> , 2017 , 7, 12981	4.9	10
35	Preparation of hydrophilic monolithic capillary column by in situ photo-polymerization of N-vinyl-2-pyrrolidinone and acrylamide for highly selective and sensitive enrichment of N-linked glycopeptides. <i>Talanta</i> , 2016 , 146, 225-30	6.2	35
34	Activation of the metabolic sensor AMP-activated protein kinase inhibits aquaporin-2 function in kidney principal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F890-F900	4.3	16
33	Fast MS/MS acquisition without dynamic exclusion enables precise and accurate quantification of proteome by MS/MS fragment intensity. <i>Scientific Reports</i> , 2016 , 6, 26392	4.9	5
32	Pseudo isobaric peptide termini labelling for relative proteome quantification by SWATH MS acquisition. <i>Analyst, The</i> , 2016 , 141, 4912-8	5	9
31	Hydrophilic GO/Fe ₃ O ₄ /Au/PEG nanocomposites for highly selective enrichment of glycopeptides. <i>Nanoscale</i> , 2016 , 8, 4894-7	7.7	68
30	imFASP: An integrated approach combining in-situ filter-aided sample pretreatment with microwave-assisted protein digestion for fast and efficient proteome sample preparation. <i>Analytica Chimica Acta</i> , 2016 , 912, 58-64	6.6	11
29	Characterization of AQP _s in Mouse, Rat, and Human Colon and Their Selective Regulation by Bile Acids. <i>Frontiers in Nutrition</i> , 2016 , 3, 46	6.2	25
28	Nanocellulose Derivative/Silica Hybrid Core-Shell Chiral Stationary Phase: Preparation and Enantioseparation Performance. <i>Molecules</i> , 2016 , 21,	4.8	8
27	Nanocellulose 3, 5-Dimethylphenylcarbamate Derivative Coated Chiral Stationary Phase: Preparation and Enantioseparation Performance. <i>Chirality</i> , 2016 , 28, 376-81	2.1	26
26	Boronic Acid-Functionalized Particles with Flexible Three-Dimensional Polymer Branch for Highly Specific Recognition of Glycoproteins. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9552-6	9.5	47
25	Synthesis of Zwitterionic Polymer Particles via Combined Distillation Precipitation Polymerization and Click Chemistry for Highly Efficient Enrichment of Glycopeptide. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 22018-24	9.5	37
24	Glycoprotein recognition by water-compatible core-shell polymeric submicron particles. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3927-3930	7.3	7
23	Gold nanoparticles immobilized hydrophilic monoliths with variable functional modification for highly selective enrichment and on-line deglycosylation of glycopeptides. <i>Analytica Chimica Acta</i> , 2015 , 900, 83-9	6.6	40
22	Partially isobaric peptide termini labeling assisted proteome quantitation based on MS and MS/MS signals. <i>Journal of Proteomics</i> , 2015 , 114, 152-60	3.9	8
21	A Systems Level Analysis of Vasopressin-mediated Signaling Networks in Kidney Distal Convoluted Tubule Cells. <i>Scientific Reports</i> , 2015 , 5, 12829	4.9	17
20	An efficient approach to prepare boronate core-shell polymer nanoparticles for glycoprotein recognition via combined distillation precipitation polymerization and RAFT media precipitation polymerization. <i>Chemical Communications</i> , 2015 , 51, 3896-8	5.8	44

19	A paired ions scoring algorithm based on Morpheus for simultaneous identification and quantification of proteome samples prepared by isobaric peptide termini labeling strategies. <i>Proteomics</i> , 2015 , 15, 1781-8	4.8	10
18	Improved Accuracy of Proteome Quantification by MS/MS Fragment Intensity. <i>FASEB Journal</i> , 2015 , 29, 567.9	0.9	
17	Improved accuracy for label-free absolute quantification of proteome by combining the Absolute Protein EXpression profiling algorithm and summed tandem mass spectrometric total ion current. <i>Analyst, The</i> , 2014 , 139, 138-46	5	3
16	Epitope imprinted polyethersulfone beads by self-assembly for target protein capture from the plasma proteome. <i>Chemical Communications</i> , 2014 , 50, 9521-4	5.8	47
15	New GO-PEI-Au-L-Cys ZIC-HILIC composites: synthesis and selective enrichment of glycopeptides. <i>Nanoscale</i> , 2014 , 6, 5616-9	7.7	85
14	1-Dodecyl-3-methylimidazolium chloride-assisted sample preparation method for efficient integral membrane proteome analysis. <i>Analytical Chemistry</i> , 2014 , 86, 7544-50	7.8	42
13	Monodisperse boronate polymeric particles synthesized by a precipitation polymerization strategy: particle formation and glycoprotein response from the standpoint of the Flory-Huggins model. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2059-66	9.5	22
12	Label-free quantification of differentially expressed proteins in mouse liver cancer cells with high and low metastasis rates by a SWATH acquisition method. <i>Science China Chemistry</i> , 2014 , 57, 718-722	7.9	1
11	An integrated sample pretreatment platform for quantitative N-glycoproteome analysis with combination of on-line glycopeptide enrichment, deglycosylation and dimethyl labeling. <i>Analytica Chimica Acta</i> , 2014 , 833, 1-8	6.6	23
10	Boronate affinity monolith with a gold nanoparticle-modified hydrophilic polymer as a matrix for the highly specific capture of glycoproteins. <i>Chemistry - A European Journal</i> , 2014 , 20, 8737-43	4.8	59
9	Decrease of dynamic range of proteins in human plasma by ampholine immobilized polymer microspheres. <i>Analytica Chimica Acta</i> , 2014 , 826, 43-50	6.6	5
8	Biphasic microreactor for efficient membrane protein pretreatment with a combination of formic acid assisted solubilization, on-column pH adjustment, reduction, alkylation, and tryptic digestion. <i>Analytical Chemistry</i> , 2013 , 85, 8507-12	7.8	17
7	Mass defect-based pseudo-isobaric dimethyl labeling for proteome quantification. <i>Analytical Chemistry</i> , 2013 , 85, 10658-63	7.8	38
6	SDS-PAGE-free protocol for comprehensive identification of cytochrome P450 enzymes and uridine diphosphoglucuronosyl transferases in human liver microsomes. <i>Proteomics</i> , 2012 , 12, 3464-9	4.8	4
5	Prefractionation and separation by C8 stationary phase: effective strategies for integral membrane proteins analysis. <i>Talanta</i> , 2012 , 88, 567-72	6.2	11
4	Recent advances on multidimensional liquid chromatography-mass spectrometry for proteomics: from qualitative to quantitative analysis--a review. <i>Analytica Chimica Acta</i> , 2012 , 731, 1-10	6.6	79
3	A hydrophilic immobilized trypsin reactor with N-vinyl-2-pyrrolidinone modified polymer microparticles as matrix for highly efficient protein digestion with low peptide residue. <i>Journal of Chromatography A</i> , 2012 , 1246, 111-6	4.5	21
2	NSI and NSMT: usages of MS/MS fragment ion intensity for sensitive differential proteome detection and accurate protein fold change calculation in relative label-free proteome quantification. <i>Analyst, The</i> , 2012 , 137, 3146-53	5	14

- 1 Integrated sample pretreatment system for N-linked glycosylation site profiling with combination of hydrophilic interaction chromatography and PNGase F immobilized enzymatic reactor via a strong cation exchange precolumn. *Analytical Chemistry*, **2011**, 83, 7457-63 7.8 55