

Jingyu Yan

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35
papers

454
citations

14
h-index

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g-index

37
ext. papers

649
ext. citations

5.8
avg. IF

3.82
L-index

#	Paper	IF	Citations
35	Recent advances in hydrophilic interaction liquid interaction chromatography materials for glycopeptide enrichment and glycan separation. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 124, 115570	14.6	49
34	Fucosylated Human Milk Oligosaccharides and N-Glycans in the Milk of Chinese Mothers Regulate the Gut Microbiome of Their Breast-Fed Infants during Different Lactation Stages. <i>MSystems</i> , 2018 , 3,	7.6	38
33	In-Depth Analysis of Glycoprotein Sialylation in Serum Using a Dual-Functional Material with Superior Hydrophilicity and Switchable Surface Charge. <i>Analytical Chemistry</i> , 2017 , 89, 3966-3972	7.8	33
32	Profiling of Sialylated Oligosaccharides in Mammalian Milk Using Online Solid Phase Extraction-Hydrophilic Interaction Chromatography Coupled with Negative-Ion Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 2018 , 90, 3174-3182	7.8	32
31	Bioinspired Saccharide-Saccharide Interaction and Smart Polymer for Specific Enrichment of Sialylated Glycopeptides. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13294-302	9.5	32
30	Human Milk Oligosaccharides Protect against Necrotizing Enterocolitis by Inhibiting Intestinal Damage via Increasing the Proliferation of Crypt Cells. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900262	5.9	28
29	Core Fucosylation of Maternal Milk N-Glycan Evokes B Cell Activation by Selectively Promoting the l-Fucose Metabolism of Gut spp. and spp. <i>MBio</i> , 2019 , 10,	7.8	25
28	Functional Nanochannels for Sensing Tyrosine Phosphorylation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16324-16333	16.4	23
27	Click novel glycosyl amino acid hydrophilic interaction chromatography stationary phase and its application in enrichment of glycopeptides. <i>Talanta</i> , 2011 , 85, 1642-7	6.2	20
26	Click maltose as an alternative to reverse phase material for desalting glycopeptides. <i>Analyst, The</i> , 2011 , 136, 4075-82	5	18
25	Chemoselectivity of Pristine Cellulose Nanocrystal Films Driven by Carbohydrate-Carbohydrate Interactions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13114-13122	9.5	17
24	High-Efficiency Phosphopeptide and Glycopeptide Simultaneous Enrichment by Hydrogen Bond-based Bifunctional Smart Polymer. <i>Analytical Chemistry</i> , 2020 , 92, 6269-6277	7.8	17
23	Biomimetic nanochannels for the discrimination of sialylated glycans a tug-of-war between glycan binding and polymer shrinkage. <i>Chemical Science</i> , 2019 , 11, 748-756	9.4	16
22	Chromatographic methods for the analysis of oligosaccharides in human milk. <i>Analytical Methods</i> , 2017 , 9, 1071-1077	3.2	15
21	Click aspartic acid as H ILIC SPE material for selective enrichment of N-linked glycopeptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 941, 45-9	3.2	11
20	Hydrophilic interaction/cation-exchange chromatography for glycopeptide enrichment by using a modified strong-cation exchange material. <i>Analytical Methods</i> , 2013 , 5, 6919	3.2	9
19	Human Milk Oligosaccharides Activate Epidermal Growth Factor Receptor and Protect Against Hypoxia-Induced Injuries in the Mouse Intestinal Epithelium and Caco2 Cells. <i>Journal of Nutrition</i> , 2020 , 150, 756-762	4.1	9

18	Novel nanoporous covalent organic frameworks for the selective extraction of endogenous peptides.. <i>RSC Advances</i> , 2018 , 8, 37528-37533	3.7	8
17	Linkage and sequence analysis of neutral oligosaccharides by negative-ion MALDI tandem mass spectrometry with laser-induced dissociation. <i>Analytica Chimica Acta</i> , 2019 , 1071, 25-35	6.6	7
16	Mesoporous silica-carbon composites fabricated by a universal strategy of hydrothermal carbonization: controllable synthesis and applications.. <i>RSC Advances</i> , 2018 , 8, 27207-27215	3.7	7
15	Profiling of Human Milk Oligosaccharides for Lewis Epitopes and Secretor Status by Electrostatic Repulsion Hydrophilic Interaction Chromatography Coupled with Negative-Ion Electrospray Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 8199-8206	7.8	6
14	Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products.. <i>RSC Advances</i> , 2019 , 9, 15073-15083	3.7	5
13	High levels of fucosylation and sialylation of milk N-glycans from mothers with gestational diabetes mellitus alter the offspring gut microbiome and immune balance in mice. <i>FASEB Journal</i> , 2020 , 34, 3715-3731	9.9	5
12	Maternal Fucosyltransferase 2 Status Associates with the Profiles of Human Milk Oligosaccharides and the Fecal Microbiota Composition of Breastfed Infants. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 3032-3043	5.7	5
11	Selective enrichment of sialylated glycopeptides with a d-allose@SiO matrix.. <i>RSC Advances</i> , 2018 , 8, 38780-38786	3.7	5
10	Selective enrichment of sialylated glycopeptides with mesoporous poly-melamine-formaldehyde (mPMF) material. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 1497-1508	4.4	3
9	Synthesis and evaluation of 3-(4-(phenoxyethyl)phenyl)propanoic acid and N-phenylbenzenesulfonamide derivatives as FFA4 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127650	2.9	3
8	Identification and target-pathway deconvolution of FFA4 agonists with anti-diabetic activity from <i>Arnebia euchroma</i> (Royle) Johnst. <i>Pharmacological Research</i> , 2021 , 163, 105173	10.2	3
7	The Intestinal Dysbiosis of Mothers with Gestational Diabetes Mellitus (GDM) and Its Impact on the Gut Microbiota of Their Newborns. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2021 , 2021, 3044534	2.6	2
6	Studies and Application of Sialylated Milk Components on Regulating Neonatal Gut Microbiota and Health. <i>Frontiers in Nutrition</i> , 2021 , 8, 766606	6.2	1
5	Identification of carbohydrate peripheral epitopes important for recognition by positive-ion MALDI multistage mass spectrometry. <i>Carbohydrate Polymers</i> , 2020 , 229, 115528	10.3	1
4	Resonant waveguide grating based assays for colloidal aggregate detection and promiscuity characterization in natural products.. <i>RSC Advances</i> , 2019 , 9, 38055-38064	3.7	1
3	Ursodesoxycholic acid is an FFA4 agonist and reduces hepatic steatosis via FFA4 signaling.. <i>European Journal of Pharmacology</i> , 2022 , 174760	5.3	0
2	Simple and efficient preparation of high-purity trehalulose from the waste syrup of isomaltulose production using solid-phase extraction followed by hydrophilic interaction chromatography. <i>Journal of Separation Science</i> , 2021 , 44, 2334-2342	3.4	0
1	A Novel Material for Selective Separation of Monogalactosyldiacylglycerols from Microalgae. <i>Journal of Ocean University of China</i> , 2021 , 20, 221-227	1	

