Manfred Wuhrer

List of PR Articles by Year in descending order

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381 PR articles	21,321 PR citations	4253 76 PR h-index	6406 141 g-index
424 documents	25803 doc citations	3448 87 h-index	18987 citing authors

#	Article	IF	PR Citations
1	In-Depth Glycoproteomic Assay of Urinary Prostatic Acid Phosphatase. ACS Measurement Science Au, 2024, 4, 117-126.	8.6	6
2	N-linked Fc glycosylation is not required for IgG-B-cell receptor function in a GC-derived B-cell line. Nature Communications, 2024, 15, .	13.9	7
3	GlYcoLISA: antigen-specific and subclass-specific IgG Fc glycosylation analysis based on an immunosorbent assay with an LCâ€“MS readout. Nature Protocols, 2024, 19, 1887-1909.	14.5	18
4	Pancreatic cancer-associated fibroblasts modulate macrophage differentiation via sialic acid-Siglec interactions. Communications Biology, 2024, 7, .	4.4	48
5	(Sialyl)Lewis Antigen Expression on Glycosphingolipids, N-, and O-Glycans in Colorectal Cancer Cell Lines is Linked to a Colon-Like Differentiation Program. Molecular and Cellular Proteomics, 2024, 23, 100776.	3.0	11
6	Nonâ€primeâ€and primeâ€side profiling of <scp>P</scp>roâ€<scp>P</scp>ro endopeptidase specificity using synthetic combinatorial peptide libraries and mass spectrometry. FEBS Journal, 2024, 291, 3820-3838.	5.5	1
7	Limited impact of cancer-derived gangliosides on anti-tumor immunity in colorectal cancer. Glycobiology, 2024, 34, .	2.2	7
8	Comprehensive O-Glycan Analysis by Porous Graphitized Carbon Nanoliquid Chromatographyâ€“Mass Spectrometry. Analytical Chemistry, 2024, 96, 8942-8948.	6.5	9
9	Apolipoprotein-CIII O-Glycosylation Is Associated with Micro- and Macrovascular Complications of Type 2 Diabetes. International Journal of Molecular Sciences, 2024, 25, 5365.	4.5	8
10	Autoimmune hepatitis displays distinctively high multi-antennary sialylation on plasma N-glycans compared to other liver diseases. Journal of Translational Medicine, 2024, 22, .	6.6	5
11	Neutrophil Depletion Changes the N-Glycosylation Pattern of IgG in Experimental Murine Sepsis. International Journal of Molecular Sciences, 2024, 25, 6478.	4.5	5
12	Anion Exchange Chromatographyâ€“Mass Spectrometry to Characterize Proteoforms of Alpha-1-Acid Glycoprotein during and after Pregnancy. Journal of Proteome Research, 2024, 23, 2431-2440.	3.5	3
13	Influence of AAV vector tropism on long-term expression and Fc-Î³ receptor binding of an antibody targeting SARS-CoV-2. Communications Biology, 2024, 7, .	4.4	1
14	Afucosylated broadly neutralizing antibodies enhance clearance of HIV-1 infected cells through cell-mediated killing. Communications Biology, 2024, 7, .	4.4	13
15	A roadmap to the molecular human linking multiomics with population traits and diabetes subtypes. Nature Communications, 2024, 15, .	13.9	22
16	Direct glycosylation analysis of intact monoclonal antibodies combining ESI MS of glycoforms and MALDI-in source decay MS of glycan fragments. Communications Chemistry, 2024, 7, .	5.6	8
17	Phagocytosis of platelets opsonized with differently glycosylated anti-HLA hIgG1 by monocyte-derived macrophages. Platelets, 2023, 34, .	2.5	3
18	<scp>ST3GAL5</scp>â€catalyzed gangliosides inhibit <scp>TGF</scp>â€Î²â€induced epithelialâ€mesenchymal transition via <scp>TÎ²RI</scp> degradation. EMBO Journal, 2023, 42, .	7.4	34

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19	IgG Fab Glycans Hinder FcRn-Mediated Placental Transport. Journal of Immunology, 2023, 210, 158-167.	0.6	18
20	O-Glycomic and Proteomic Signatures of Spontaneous and Butyrate-Stimulated Colorectal Cancer Cell Line Differentiation. Molecular and Cellular Proteomics, 2023, 22, 100501.	3.0	7
21	Transcriptionally imprinted glycomic signatures of acute myeloid leukemia. Cell and Bioscience, 2023, 13, .	5.6	10
22	Online Collision-Induced Unfolding of Therapeutic Monoclonal Antibody Glyco-Variants through Direct Hyphenation of Cation Exchange Chromatography with Native Ion Mobilityâ€“Mass Spectrometry. Analytical Chemistry, 2023, 95, 3932-3939.	6.5	15
23	Analysis of Immunogenic Galactose-Î±-1,3-galactose-Containing N-Glycans in Beef, Mutton, and Pork Tenderloin by Combining Matrix-Assisted Laser Desorption/Ionization-Mass Spectroscopy and Capillary Electrophoresis Hyphenated with Mass Spectrometry via Electrospray Ionization. Journal of Agricultural and Food Chemistry, 2023, 71, 4184-4192.	6.0	8
24	In-Depth Analysis of the N-Glycome of Colorectal Cancer Cell Lines. International Journal of Molecular Sciences, 2023, 24, 4842.	4.5	10
25	N-Glycosylation of LRP6 by B3GnT2 Promotes Wnt/Î²-Catenin Signalling. Cells, 2023, 12, 863.	4.8	7
26	Neutron-encoded diubiquitins to profile linkage selectivity of deubiquitinating enzymes. Nature Communications, 2023, 14, .	13.9	14
27	Human Prostate-Specific Antigen Carries N-Glycans with Ketodeoxynononic Acid. Engineering, 2023, 26, 119-131.	7.9	6
28	Serum N-Glycosylation RPLC-FD-MS Assay to Assess Colorectal Cancer Surgical Interventions. Biomolecules, 2023, 13, 896.	4.4	4
29	ChAdOx1 nCoV-19 (AZD1222) vaccine-induced Fc receptor binding tracks with differential susceptibility to COVID-19. Nature Immunology, 2023, 24, 1161-1172.	24.2	31
30	An Integrated Glycosylation Signature of Rheumatoid Arthritis. Biomolecules, 2023, 13, 1106.	4.4	13
31	Immunoglobulin A Glycosylation Differs between Crohnâ€™s Disease and Ulcerative Colitis. Journal of Proteome Research, 2023, 22, 3213-3224.	3.5	12
32	Apolipoprotein-CIII O-Glycosylation, a Link between GALNT2 and Plasma Lipids. International Journal of Molecular Sciences, 2023, 24, 14844.	4.5	6
33	High sensitivity glycomics in biomedicine. Mass Spectrometry Reviews, 2022, 41, 1014-1039.	6.9	22
34	Lipopolysaccharide O-antigen molecular and supramolecular modifications of plant root microbiota are pivotal for host recognition. Carbohydrate Polymers, 2022, 277, 118839.	12.2	21
35	Analysis of the glyco-code in pancreatic ductal adenocarcinoma identifies glycan-mediated immune regulatory circuits. Communications Biology, 2022, 5, .	4.4	32
36	Antibody glycosylation in COVID-19. Glycoconjugate Journal, 2022, 39, 335-344.	2.8	22

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37	Prevention of Fetal/Neonatal Alloimmune Thrombocytopenia in Mice: Biochemical and Cell Biological Characterization of Isoforms of a Human Monoclonal Antibody. ImmunoHorizons, 2022, 6, 90-103.	1.7	5
38	Detailed Analytical Characterization of a Bispecific IgG1 CrossMab Antibody of the Knob-into-Hole Format Applying Various Stress Conditions Revealed Pronounced Stability. ACS Omega, 2022, 7, 3671-3679.	4.3	13
39	Studying protein structure and function by native separationâ€“mass spectrometry. Nature Reviews Chemistry, 2022, 6, 215-231.	46.7	55
40	Native Liquid Chromatography and Mass Spectrometry to Structurally and Functionally Characterize Endo-Xylanase Proteoforms. International Journal of Molecular Sciences, 2022, 23, 1307.	4.5	9
41	Differential Nâ€•and Oâ€glycosylation signatures of HIVâ€1 Gag virusâ€like particles and coproduced extracellular vesicles. Biotechnology and Bioengineering, 2022, 119, 1207-1221.	3.9	11
42	Transforming growth factor-Î² challenge alters the N-, O-, andÂglycosphingolipid glycomes in PaTu-S pancreatic adenocarcinoma cells. Journal of Biological Chemistry, 2022, 298, 101717.	2.2	8
43	IgG Antiâ€“Citrullinated Protein Antibody Variable Domain Glycosylation Increases Before the Onset of Rheumatoid Arthritis and Stabilizes Thereafter: A Crossâ€Sectional Study Encompassing ~1,500 Samples. Arthritis and Rheumatology, 2022, 74, 1147-1158.	7.4	45
44	Glycosphingolipid-Glycan Signatures of Acute Myeloid Leukemia Cell Lines Reflect Hematopoietic Differentiation. Journal of Proteome Research, 2022, 21, 1029-1040.	3.5	14
45	Fc galactosylation of anti-platelet human IgG1 alloantibodies enhances complement activation on platelets. Haematologica, 2022, 107, 2432-2444.	4.1	30
46	Glycan and Protein Analysis of Glycoengineered Bacterial E. coli Vaccines by MALDI-in-Source Decay FT-ICR Mass Spectrometry. Analytical Chemistry, 2022, 94, 4979-4987.	6.5	17
47	High-Mannose N-Glycans as Malignant Progression Markers in Early-Stage Colorectal Cancer. Cancers, 2022, 14, 1552.	4.0	55
48	Immunoglobulin G1 Fc glycosylation as an early hallmark of severe COVID-19. EBioMedicine, 2022, 78, 103957.	9.9	57
49	Developments and perspectives in high-throughput protein glycomics: enabling the analysis of thousands of samples. Glycobiology, 2022, 32, 651-663.	2.2	44
50	Surface Ig variable domain glycosylation affects autoantigen binding and acts as threshold for human autoreactive B cell activation. Science Advances, 2022, 8, .	11.0	66
51	Definition of IgG Subclass-Specific Glycopatterns in Idiopathic Membranous Nephropathy: Aberrant IgG Glycoforms in Blood. International Journal of Molecular Sciences, 2022, 23, 4664.	4.5	18
52	High Diversity of Glycosphingolipid Glycans of Colorectal Cancer Cell Lines Reflects the Cellular Differentiation Phenotype. Molecular and Cellular Proteomics, 2022, 21, 100239.	3.0	19
53	Sialic Acid Derivatization of Fluorescently Labeled N-Glycans Allows Linkage Differentiation by Reversed-Phase Liquid Chromatographyâ€“Fluorescence Detectionâ€“Mass Spectrometry. Analytical Chemistry, 2022, 94, 6639-6648.	6.5	24
54	PHGDH heterogeneity potentiates cancerÂcell dissemination and metastasis. Nature, 2022, 605, 747-753.	38.7	187

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55	Immunoassay for quantification of antigen-specific IgG fucosylation. EBioMedicine, 2022, 81, 104109.	9.9	22
56	High-Throughput Glycomic Methods. Chemical Reviews, 2022, 122, 15865-15913.	52.7	83
57	Altered Fc glycosylation of antiâ€HLA alloantibodies in hematoâ€oncological patients receiving platelet transfusions. Journal of Thrombosis and Haemostasis, 2022, 20, 3011-3025.	3.9	11
58	Comprehensive Multidimensional Liquid Chromatographyâ€“Mass Spectrometry for the Characterization of Charge Variants of a Bispecific Antibody. Journal of the American Society for Mass Spectrometry, 2022, 33, 2319-2327.	2.6	15
59	Glycobiology of rheumatic diseases. Nature Reviews Rheumatology, 2022, 19, 28-43.	27.8	79
60	IgG Fc N-Glycosylation Translates MHCII Haplotype into Autoimmune Skin Disease. Journal of Investigative Dermatology, 2021, 141, 285-294.	2.3	16
61	N-Glycomic Signature of Stage II Colorectal Cancer and Its Association With the Tumor Microenvironment. Molecular and Cellular Proteomics, 2021, 20, 100057.	3.0	59
62	Anion exchange chromatography â€“ Mass spectrometry for monitoring multiple quality attributes of erythropoietin biopharmaceuticals. Analytica Chimica Acta, 2021, 1143, 166-172.	5.8	26
63	The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. Immunity, 2021, 54, 132-150.e9.	23.3	97
64	Afucosylated IgG characterizes enveloped viral responses and correlates with COVID-19 severity. Science, 2021, 371, .	36.4	352
65	Sheathless CEâ€MS as a tool for monitoring exchange efficiency and stability of bispecific antibodies. Electrophoresis, 2021, 42, 171-176.	2.6	12
66	High-throughput glycopeptide profiling of prostate-specific antigen from seminal plasma by MALDI-MS. Talanta, 2021, 222, 121495.	5.9	18
67	Sugar Matters: Improving In Vivo Clearance Rate of Highly Glycosylated Recombinant Plasma Proteins for Therapeutic Use. Pharmaceuticals, 2021, 14, 54.	4.4	3
68	The structure and role of lactone intermediates in linkage-specific sialic acid derivatization reactions. Glycoconjugate Journal, 2021, 38, 157-166.	2.8	11
69	Human Gb3/CD77 synthase produces P1 glycotope-capped N-glycans, which mediate Shiga toxin 1 but not Shiga toxin 2 cell entry. Journal of Biological Chemistry, 2021, 296, 100299.	2.2	23
70	Site-Specific N-Linked Glycosylation Analysis of Human Carcinoembryonic Antigen by Sheathless Capillary Electrophoresisâ€“Tandem Mass Spectrometry. Journal of Proteome Research, 2021, 20, 1666-1675.	3.5	44
71	Clinical Perspective on Proteomic and Glycomic Biomarkers for Diagnosis, Prognosis, and Prediction of Pancreatic Cancer. International Journal of Molecular Sciences, 2021, 22, 2655.	4.5	22
72	Altered glycosylation of IgG4 promotes lectin complement pathway activation in anti-PLA2R1â€“associated membranous nephropathy. Journal of Clinical Investigation, 2021, 131, .	10.7	154

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73	Functional monovalency amplifies the pathogenicity of anti-MuSK IgG4 in myasthenia gravis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.6	43
74	Analysis of Synthetic Monodisperse Polysaccharides by Wide Mass Range Ultrahigh-Resolution MALDI Mass Spectrometry. Analytical Chemistry, 2021, 93, 4666-4675.	6.5	29
75	Serum N-glycan profiles differ for various breast cancer subtypes. Glycoconjugate Journal, 2021, 38, 387-395.	2.8	24
76	Profiling the proteoforms of urinary prostate-specific antigen by capillary electrophoresis â€“ mass spectrometry. Journal of Proteomics, 2021, 238, 104148.	2.4	23
77	Serum and Plasma Immunoglobulin G Fc N-Glycosylation Is Stable during Storage. Journal of Proteome Research, 2021, 20, 2935-2941.	3.5	12
78	Terminal Î±2,6-sialylation of epidermal growth factor receptor modulates antibody therapy response of colorectal cancer cells. Cellular Oncology (Dordrecht), 2021, 44, 835-850.	4.2	45
79	Structural and Functional Characterization of SARS-CoV-2 RBD Domains Produced in Mammalian Cells. Analytical Chemistry, 2021, 93, 6839-6847.	6.5	53
80	Oxonium Ion Guided Analysis of Quantitative Proteomics Data Reveals Site-Specific O-Glycosylation of Anterior Gradient Protein 2 (AGR2). International Journal of Molecular Sciences, 2021, 22, 5369.	4.5	15
81	ST6Gal1 targets the ectodomain of ErbB2 in a site-specific manner and regulates gastric cancer cell sensitivity to trastuzumab. Oncogene, 2021, 40, 3719-3733.	6.7	54
82	Afucosylated IgG Targets FcÎ³RIV for Enhanced Tumor Therapy in Mice. Cancers, 2021, 13, 2372.	4.0	11
83	Large-Scale Analysis of Apolipoprotein CIII Glycosylation by Ultrahigh Resolution Mass Spectrometry. Frontiers in Chemistry, 2021, 9, .	3.6	14
84	High titers and low fucosylation of early human antiâ€“SARS-CoV-2 IgG promote inflammation by alveolar macrophages. Science Translational Medicine, 2021, 13, .	12.7	219
85	O- and N-Glycosylation of Serum Immunoglobulin A is Associated with IgA Nephropathy and Glomerular Function. Journal of the American Society of Nephrology: JASN, 2021, 32, 2455-2465.	0.4	75
86	A semi-automated, high throughput approach for O-glycosylation profiling of in vitro established cancer cell lines by MALDI-FT-ICR MS. Glycoconjugate Journal, 2021, 38, 747-756.	2.8	7
87	Aberrant glycosylation of anti-SARS-CoV-2 spike IgG is a prothrombotic stimulus for platelets. Blood, 2021, 138, 1481-1489.	4.2	94
88	Fc Galactosylation Promotes Hexamerization of Human IgG1, Leading to Enhanced Classical Complement Activation. Journal of Immunology, 2021, 207, 1545-1554.	0.6	84
89	Association of Antibody-Dependent Neutrophil Phagocytosis With Distinct Antibody Glycosylation Profiles Following Typhoid Vaccination. Frontiers in Tropical Diseases, 2021, 2, .	1.8	3
90	Native Structural and Functional Proteoform Characterization of the Prolyl-Alanyl-Specific Endoprotease EndoPro from Aspergillus niger. Journal of Proteome Research, 2021, 20, 4875-4885.	3.5	14

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91	Protein Mannosylation as a Diagnostic and Prognostic Biomarker of Lupus Nephritis: An Unusual Glycan Neoepitope in Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2021, 73, 2069-2077.	7.4	31
92	Glycoform analysis of intact erythropoietin by MALDI FT-ICR mass spectrometry. Analytica Chimica Acta, 2021, 1185, 339084.	5.8	13
93	Plasma proteinN-glycosylation is associated with cardiovascular disease, nephropathy, and retinopathy in type 2 diabetes. BMJ Open Diabetes Research and Care, 2021, 9, e002345.	3.6	31
94	Biophysical Evaluation of Rhesus Macaque Fc Gamma Receptors Reveals Similar IgG Fc Glycoform Preferences to Human Receptors. Frontiers in Immunology, 2021, 12, .	5.1	10
95	Afucosylated Plasmodium falciparum-specific IgG is induced by infection but not by subunit vaccination. Nature Communications, 2021, 12, .	13.9	55
96	Integrated N- and O-Glycomics of Acute Myeloid Leukemia (AML) Cell Lines. Cells, 2021, 10, 3058.	4.8	21
97	Affinity Capillary Electrophoresisâ€“Mass Spectrometry as a Tool to Unravel Proteoform-Specific Antibodyâ€“Receptor Interactions. Analytical Chemistry, 2021, 93, 15133-15141.	6.5	22
98	Glycation Interferes with the Expression of Sialyltransferases in Meningiomas. Cells, 2021, 10, 3298.	4.8	12
99	A functional spleen contributes to afucosylated IgG in humans. Scientific Reports, 2021, 11, .	3.5	7
100	Monitoring of immunoglobulin N- and O-glycosylation in health and disease. Glycobiology, 2020, 30, 226-240.	2.2	104
101	IgG Fc glycosylation as an axis of humoral immunity in childhood. Journal of Allergy and Clinical Immunology, 2020, 145, 710-713.e9.	6.2	39
102	Characterization of Macrophage Galactose-type Lectin (MGL) ligands in colorectal cancer cell lines. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129513.	2.0	35
103	IgA subclasses have different effector functions associated with distinct glycosylation profiles. Nature Communications, 2020, 11, .	13.9	227
104	O- and N-glycosylation analysis of cell lines by ultrahigh resolution MALDI-FTICR-MS. International Journal of Mass Spectrometry, 2020, 448, 116267.	1.6	7
105	Intact and subunit-specific analysis of bispecific antibodies by sheathless CE-MS. Analytica Chimica Acta, 2020, 1134, 18-27.	5.8	33
106	MS-Based Allotype-Specific Analysis of Polyclonal IgG-Fc N-Glycosylation. Frontiers in Immunology, 2020, 11, .	5.1	21
107	N-Glycoproteins Have a Major Role in MGL Binding to Colorectal Cancer Cell Lines: Associations with Overall Proteome Diversity. International Journal of Molecular Sciences, 2020, 21, 5522.	4.5	14
108	Prominent members of the human gut microbiota express endo-acting O-glycanases to initiate mucin breakdown. Nature Communications, 2020, 11, .	13.9	126

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109	Mass spectrometry in clinical glycomics: The path from biomarker identification to clinical implementation. Clinical Mass Spectrometry, 2020, 18, 1-12.	1.9	31
110	Site-Specific Glycosylation Mapping of Fc Gamma Receptor IIIb from Neutrophils of Individual Healthy Donors. Analytical Chemistry, 2020, 92, 13172-13181.	6.5	16
111	Immunoglobulin G Glycoprofiles are Unaffected by Common Bottom-Up Sample Processing. Journal of Proteome Research, 2020, 19, 4158-4162.	3.5	5
112	Serum Nâ€Glycome analysis reveals pancreatic cancer disease signatures. Cancer Medicine, 2020, 9, 8519-8529.	2.7	39
113	Biological and structural characterization of murine TRALI antibody reveals increased Fc-mediated complement activation. Blood Advances, 2020, 4, 3875-3885.	5.1	14
114	Improved N- and C-Terminal Sequencing of Proteins by Combining Positive and Negative Ion MALDI In-Source Decay Mass Spectrometry. Analytical Chemistry, 2020, 92, 12429-12436.	6.5	10
115	Dissecting Total Plasma and Protein-Specific Glycosylation Profiles in Congenital Disorders of Glycosylation. International Journal of Molecular Sciences, 2020, 21, 7635.	4.5	23
116	Differential O- and Glycosphingolipid Glycosylation in Human Pancreatic Adenocarcinoma Cells With Opposite Morphology and Metastatic Behavior. Frontiers in Oncology, 2020, 10, .	2.7	24
117	Glycomics studies using sialic acid derivatization and mass spectrometry. Nature Reviews Chemistry, 2020, 4, 229-242.	46.7	116
118	Evaluation of Sibling and Twin Fragment Ions Improves the Structural Characterization of Proteins by Top-Down MALDI In-Source Decay Mass Spectrometry. Analytical Chemistry, 2020, 92, 5871-5881.	6.5	10
119	A Matrix-Assisted Laser Desorption/Ionizationâ€"Mass Spectrometry Assay for the Relative Quantitation of Antennary Fucosylated N-Glycans in Human Plasma. Frontiers in Chemistry, 2020, 8, .	3.6	17
120	Systematic Evaluation of Normalization Methods for Glycomics Data Based on Performance of Network Inference. Metabolites, 2020, 10, 271.	3.5	20
121	IgG Fc sialylation is regulated during the germinal center reaction following immunization with different adjuvants. Journal of Allergy and Clinical Immunology, 2020, 146, 652-666.e11.	6.2	61
122	Monoclonal immunoglobulins promote bone loss in multiple myeloma. Blood, 2020, 136, 2656-2666.	4.2	30
123	Metformin and statin use associate with plasma proteinN-glycosylation in people with type 2 diabetes. BMJ Open Diabetes Research and Care, 2020, 8, e001230.	3.6	14
124	Anti-D monoclonal antibodies from 23 human and rodent cell lines display diverse IgG Fc-glycosylation profiles that determine their clinical efficacy. Scientific Reports, 2020, 10, .	3.5	18
125	Simultaneous Immunoglobulin A and G Glycopeptide Profiling for High-Throughput Applications. Analytical Chemistry, 2020, 92, 4518-4526.	6.5	44
126	IgG-Fc glycosylation before and after rituximab treatment in immune thrombocytopenia. Scientific Reports, 2020, 10, .	3.5	17

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127	Natural killer cell activation by respiratory syncytial virusâ€specific antibodies is decreased in infants with severe respiratory infections and correlates with Fcâ€glycosylation. Clinical and Translational Immunology, 2020, 9, .	3.6	35
128	Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. Science Advances, 2020, 6, .	11.0	125
129	Development of a 96-well plate sample preparation method for integratedN- andO-glycomics using porous graphitized carbon liquid chromatography-mass spectrometry. Molecular Omics, 2020, 16, 355-363.	2.4	64
130	Colorectal cancer cell lines show striking diversity of their O-glycome reflecting the cellular differentiation phenotype. Cellular and Molecular Life Sciences, 2020, 78, 337-350.	5.6	53
131	Role of glycosylation in TGF-Î² signaling and epithelial-to-mesenchymal transition in cancer. Protein and Cell, 2020, 12, 89-106.	3.6	66
132	Seizure protein 6 controls glycosylation and trafficking of kainate receptor subunits GluK2 andÂGluK3. EMBO Journal, 2020, 39, .	7.4	29
133	FcÎ³R Binding and ADCC Activity of Human IgG Allotypes. Frontiers in Immunology, 2020, 11, .	5.1	183
134	Targeting Glycans and Heavily Glycosylated Proteins for Tumor Imaging. Cancers, 2020, 12, 3870.	4.0	17
135	Semiautomated glycoproteomics data analysis workflow for maximized glycopeptide identification and reliable quantification. Beilstein Journal of Organic Chemistry, 2020, 16, 3038-3051.	2.0	8
136	Recombinant human monoclonal HLA antibodies of different IgG subclasses recognising the same epitope: Excellent tools to study differential effects of donorâ€specific antibodies. Hla, 2019, 94, 415-424.	0.5	12
137	OGT Controls the Expression and the Glycosylation of Eâ€cadherin, and Affects Glycosphingolipid Structures in Human Colon Cell Lines. Proteomics, 2019, 19, .	3.1	12
138	Human DC-SIGN and CD23 do not interact with human IgG. Scientific Reports, 2019, 9, .	3.5	51
139	Glycoform-resolved FcÉ£RIIIa affinity chromatographyâ€“mass spectrometry. MAbs, 2019, 11, 1191-1196.	10.3	53
140	Towards a standardized bioinformatics infrastructure for N- and O-glycomics. Nature Communications, 2019, 10, .	13.9	93
141	The Glycosylation Site of Myelin Oligodendrocyte Glycoprotein Affects Autoantibody Recognition in a Large Proportion of Patients. Frontiers in Immunology, 2019, 10, .	5.1	18
142	Dried blood spot N-glycome analysis by MALDI mass spectrometry. Talanta, 2019, 205, 120104.	5.9	24
143	Expanding the Reaction Space of Linkage-Specific Sialic Acid Derivatization. Molecules, 2019, 24, 3617.	4.3	23
144	Nâ€glycome signatures in human plasma: associations with physiology and major diseases. FEBS Letters, 2019, 593, 2966-2976.	2.7	95

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145	On the presence of HLA-SE alleles and ACPA-IgG variable domain glycosylation in the phase preceding the development of rheumatoid arthritis. Annals of the Rheumatic Diseases, 2019, 78, 1616-1620.	12.4	52
146	Mo1764 â€“ Serum N-Glycomic Biomarkers Predict Treatment Escalation in Inflammatory Bowel Disease. Gastroenterology, 2019, 156, S-830.	1.0	0
147	Nâ€Linked Glycans in the Variable Domain of IgG Antiâ€“Citrullinated Protein Antibodies Predict the Development of Rheumatoid Arthritis. Arthritis and Rheumatology, 2019, 71, 1626-1633.	7.4	111
148	Highly sensitive CE-ESI-MS analysis of N-glycans from complex biological samples. Nature Communications, 2019, 10, .	13.9	125
149	Serum protein N-glycosylation changes in multiple myeloma. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 960-970.	2.0	43
150	N-Glycomic and Transcriptomic Changes Associated with CDX1 mRNA Expression in Colorectal Cancer Cell Lines. Cells, 2019, 8, 273.	4.8	23
151	The Role of Glycosphingolipids in Immune Cell Functions. Frontiers in Immunology, 2019, 10, .	5.1	144
152	Functional Attributes of Antibodies, Effector Cells, and Target Cells Affecting NK Cellâ€“Mediated Antibody-Dependent Cellular Cytotoxicity. Journal of Immunology, 2019, 203, 3126-3135.	0.6	71
153	Proteoform-Resolved FcÉRIIIa Binding Assay for Fab Glycosylated Monoclonal Antibodies Achieved by Affinity Chromatography Mass Spectrometry of Fc Moieties. Frontiers in Chemistry, 2019, 7, .	3.6	22
154	Glycoproteomic Analysis of MGL-Binding Proteins on Acute T-Cell Leukemia Cells. Journal of Proteome Research, 2019, 18, 1125-1132.	3.5	21
155	Structural Analysis of Monoclonal Antibodies by Ultrahigh Resolution MALDI In-Source Decay FT-ICR Mass Spectrometry. Analytical Chemistry, 2019, 91, 2079-2085.	6.5	57
156	Improved and semi-automated reductive Î²-elimination workflow for higher throughput protein O-glycosylation analysis. PLoS ONE, 2019, 14, e0210759.	2.4	24
157	Unique patterns of glycosylation in immunoglobulin subclass G4â€related disease and primary sclerosing cholangitis. Journal of Gastroenterology and Hepatology (Australia), 2019, 34, 1878-1886.	2.7	40
158	High-throughput Serum N-Glycomics: Method Comparison and Application to Study Rheumatoid Arthritis and Pregnancy-associated Changes. Molecular and Cellular Proteomics, 2019, 18, 3-15.	3.0	82
159	An In-Depth Glycosylation Assay for Urinary Prostate-Specific Antigen. Analytical Chemistry, 2018, 90, 4414-4421.	6.5	64
160	The glycomic effect of N-acetylglucosaminyltransferase III overexpression in metastatic melanoma cells. GnT-III modifies highly branched N-glycans. Glycoconjugate Journal, 2018, 35, 217-231.	2.8	32
161	Low amounts of bisecting glycans characterize cerebrospinal fluid-borne IgG. Journal of Neuroimmunology, 2018, 320, 19-24.	2.4	5
162	Serum sialylation changes in cancer. Glycoconjugate Journal, 2018, 35, 139-160.	2.8	157

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