

# Karli R Reiding

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,330  
citations

257450

24  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Bacterial $\alpha$ -L-Fucosidases with an Ortho-Quinone Methide-Based Probe and Mapping of the Probe-Protein Adducts. <i>Molecules</i> , 2022, 27, 1615.	3.8	9
2	Meta-heterogeneity: Evaluating and Describing the Diversity in Glycosylation Between Sites on the Same Glycoprotein. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100010.	3.8	60
3	Monitoring Human Milk $\beta$ -Casein Phosphorylation and O-Glycosylation Over Lactation Reveals Distinct Differences between the Proteome and Endogenous Peptidome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8140.	4.1	23
4	Neutrophil azurophilic granule glycoproteins are distinctively decorated by atypical pauci- and phosphomannose glycans. <i>Communications Biology</i> , 2021, 4, 1012.	4.4	16
5	Neutrophil myeloperoxidase harbors distinct site-specific peculiarities in its glycosylation. <i>Journal of Biological Chemistry</i> , 2019, 294, 20233-20245.	3.4	35
6	Effluent and serum protein N-glycosylation is associated with inflammation and peritoneal membrane transport characteristics in peritoneal dialysis patients. <i>Scientific Reports</i> , 2018, 8, 979.	3.3	12
7	Reformatting palivizumab and motavizumab from IgG to human IgA impairs their efficacy against RSV infection in vitro and in vivo. <i>MAbs</i> , 2018, 10, 453-462.	5.2	17
8	The benefits of hybrid fragmentation methods for glycoproteomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 260-268.	11.4	88
9	Plasma protein N-glycan signatures of type 2 diabetes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2613-2622.	2.4	50
10	Differences in IgG Fc Glycosylation Are Associated with Outcome of Pediatric Meningococcal Sepsis. <i>MBio</i> , 2018, 9, .	4.1	17
11	Human Plasma N-glycosylation as Analyzed by Matrix-Assisted Laser Desorption/Ionization-Fourier Transform Ion Cyclotron Resonance-MS Associates with Markers of Inflammation and Metabolic Health. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 228-242.	3.8	58
12	Subclass-specific IgG glycosylation is associated with markers of inflammation and metabolic health. <i>Scientific Reports</i> , 2017, 7, 12325.	3.3	123
13	Sialic Acid Derivatization for the Rapid Subclass- and Sialic Acid Linkage-Specific MALDI-TOF-MS Analysis of IgG Fc-Glycopeptides. <i>Methods in Molecular Biology</i> , 2017, 1503, 49-62.	0.9	6
14	The N-Glycosylation of Mouse Immunoglobulin G (IgG)-Fragment Crystallizable Differs Between IgG Subclasses and Strains. <i>Frontiers in Immunology</i> , 2017, 8, 608.	4.8	58
15	Serum Protein N-Glycosylation Changes with Rheumatoid Arthritis Disease Activity during and after Pregnancy. <i>Frontiers in Medicine</i> , 2017, 4, 241.	2.6	44
16	Pregnancy-associated serum N-glycome changes studied by high-throughput MALDI-TOF-MS. <i>Scientific Reports</i> , 2016, 6, 23296.	3.3	54
17	Changes in Healthy Human IgG Fc-Glycosylation after Birth and during Early Childhood. <i>Journal of Proteome Research</i> , 2016, 15, 1853-1861.	3.7	91
18	Automated High-Throughput Permethylaton for Glycosylation Analysis of Biologics Using MALDI-TOF-MS. <i>Analytical Chemistry</i> , 2016, 88, 8562-8569.	6.5	69

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19	Murine Plasma <i>N</i> -Glycosylation Traits Associated with Sex and Strain. <i>Journal of Proteome Research</i> , 2016, 15, 3489-3499.	3.7	24
20	DNA hypomethylation upregulates expression of the MGAT3 gene in HepG2 cells and leads to changes in N-glycosylation of secreted glycoproteins. <i>Scientific Reports</i> , 2016, 6, 24363.	3.3	26
21	MALDI-TOF-MS reveals differential N-linked plasma- and IgG-glycosylation profiles between mothers and their newborns. <i>Scientific Reports</i> , 2016, 6, 34001.	3.3	31
22	IgG and IgM glycosylation patterns in patients undergoing image-guided tumor ablation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1786-1794.	2.4	13
23	Acute phase inflammation is characterized by rapid changes in plasma/peritoneal fluid N-glycosylation in mice. <i>Glycoconjugate Journal</i> , 2016, 33, 457-470.	2.7	18
24	Ethyl Esterification for MALDI-MS Analysis of Protein Glycosylation. <i>Methods in Molecular Biology</i> , 2016, 1394, 151-162.	0.9	25
25	Human plasma protein N-glycosylation. <i>Glycoconjugate Journal</i> , 2016, 33, 309-343.	2.7	325
26	A comparison of anti-HER2 IgA and IgG1 in vivo efficacy is facilitated by high N-glycan sialylation of the IgA. <i>MAbs</i> , 2016, 8, 74-86.	5.2	39
27	Improved in vivo anti-tumor effects of IgA-Her2 antibodies through half-life extension and serum exposure enhancement by FcRn targeting. <i>MAbs</i> , 2016, 8, 87-98.	5.2	47
28	MassyTools: A High-Throughput Targeted Data Processing Tool for Relative Quantitation and Quality Control Developed for Glycomic and Glycoproteomic MALDI-MS. <i>Journal of Proteome Research</i> , 2015, 14, 5088-5098.	3.7	107
29	Automation of High-Throughput Mass Spectrometry-Based Plasma <i>N</i> -Glycome Analysis with Linkage-Specific Sialic Acid Esterification. <i>Journal of Proteome Research</i> , 2015, 14, 4080-4086.	3.7	81
30	Linkage-Specific Sialic Acid Derivatization for MALDI-TOF-MS Profiling of IgG Glycopeptides. <i>Analytical Chemistry</i> , 2015, 87, 8284-8291.	6.5	112
31	Plasma N-Glycome Signature of Down Syndrome. <i>Journal of Proteome Research</i> , 2015, 14, 4232-4245.	3.7	51
32	High-Throughput Analysis and Automation for Glycomics Studies. <i>Chromatographia</i> , 2015, 78, 321-333.	1.3	84
33	Immunoglobulin G (IgG) Fab Glycosylation Analysis Using a New Mass Spectrometric High-throughput Profiling Method Reveals Pregnancy-associated Changes. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3029-3039.	3.8	216
34	High-Throughput Profiling of Protein N-Glycosylation by MALDI-TOF-MS Employing Linkage-Specific Sialic Acid Esterification. <i>Analytical Chemistry</i> , 2014, 86, 5784-5793.	6.5	298