

# Diane Dayoung Park

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

939  
citations

535685

17  
h-index

591227

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1653  
citing authors

#	ARTICLE	IF	CITATIONS
1	The psoriasis glycome: differential expression of cholesterol particle glycans and IgA glycans linked to disease severity. <i>Journal of Investigative Dermatology</i> , 2022, , .	0.3	0
2	Resident and elicited murine macrophages differ in expression of their glycomes and glycan-binding proteins. <i>Cell Chemical Biology</i> , 2021, 28, 567-582.e4.	2.5	8
3	A PSGL-1 glycomimetic reduces thrombus burden without affecting hemostasis. <i>Blood</i> , 2021, 138, 1182-1193.	0.6	25
4	Glycan biomarkers of autoimmunity and bile acid-associated alterations of the human glycome: Primary biliary cirrhosis and primary sclerosing cholangitis-specific glycans. <i>Clinical Immunology</i> , 2021, 230, 108825.	1.4	2
5	A nonenzymatic method for cleaving polysaccharides to yield oligosaccharides for structural analysis. <i>Nature Communications</i> , 2020, 11, 3963.	5.8	49
6	A site-specific map of the human plasma glycome and its age and gender-associated alterations. <i>Scientific Reports</i> , 2020, 10, 17505.	1.6	14
7	Metastasis of cholangiocarcinoma is promoted by extended high-mannose glycans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7633-7644.	3.3	63
8	Modulation of lymphocyte-mediated tissue repair by rational design of heterocyclic aryl hydrocarbon receptor agonists. <i>Science Advances</i> , 2020, 6, eaay8230.	4.7	31
9	Unveiling the metabolic fate of monosaccharides in cell membranes with glycomic and glycoproteomic analyses. <i>Chemical Science</i> , 2019, 10, 6992-7002.	3.7	19
10	O-GlcNAc-induced nuclear translocation of hnRNP $\kappa$ is associated with progression and metastasis of cholangiocarcinoma. <i>Molecular Oncology</i> , 2019, 13, 338-357.	2.1	24
11	Streptococcal Siglec-like adhesins recognize different subsets of human plasma glycoproteins: implications for infective endocarditis. <i>Glycobiology</i> , 2018, 28, 601-611.	1.3	37
12	Membrane glycomics reveal heterogeneity and quantitative distribution of cell surface sialylation. <i>Chemical Science</i> , 2018, 9, 6271-6285.	3.7	42
13	FGF2 Induces Migration of Human Bone Marrow Stromal Cells by Increasing Core Fucosylations on N-Glycans of Integrins. <i>Stem Cell Reports</i> , 2018, 11, 325-333.	2.3	25
14	Intact glycosphingolipidomic analysis of the cell membrane during differentiation yields extensive glycan and lipid changes. <i>Scientific Reports</i> , 2018, 8, 10993.	1.6	16
15	O-GlcNAcylation mediates metastasis of cholangiocarcinoma through FOXO3 and MAN1A1. <i>Oncogene</i> , 2018, 37, 5648-5665.	2.6	26
16	Enterocyte glycosylation is responsive to changes in extracellular conditions: implications for membrane functions. <i>Glycobiology</i> , 2017, 27, 847-860.	1.3	31
17	Synthesis of Lewis X - O -Core-1 threonine: A building block for O -linked Lewis X glycopeptides. <i>Carbohydrate Research</i> , 2017, 452, 47-53.	1.1	5
18	Glycans and glycoproteins as specific biomarkers for cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 395-410.	1.9	275

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19	Salmonella Degrades the Host Glycocalyx Leading to Altered Infection and Glycan Remodeling. Scientific Reports, 2016, 6, 29525.	1.6	66
20	Changes in cellular glycosylation of leukemia cells upon treatment with acridone derivatives yield insight into drug action. Proteomics, 2016, 16, 2977-2988.	1.3	8
21	Salmonella Typhimurium Enzymatically Landscapes the Host Intestinal Epithelial Cell (IEC) Surface Glycome to Increase Invasion. Molecular and Cellular Proteomics, 2016, 15, 3653-3664.	2.5	38
22	Quantitation of Site-Specific Glycosylation in Manufactured Recombinant Monoclonal Antibody Drugs. Analytical Chemistry, 2016, 88, 7091-7100.	3.2	29
23	Characteristic Changes in Cell Surface Glycosylation Accompany Intestinal Epithelial Cell (IEC) Differentiation: High Mannose Structures Dominate the Cell Surface Glycome of Undifferentiated Enterocytes. Molecular and Cellular Proteomics, 2015, 14, 2910-2921.	2.5	52
24	Photodissociation dynamics of the methyl perthiyl radical at 248 nm via photofragment translational spectroscopy. Journal of Chemical Physics, 2013, 138, 054301.	1.2	6
25	Photodissociation of isobutene at 193 nm. Physical Chemistry Chemical Physics, 2012, 14, 675-680.	1.3	2
26	Photodissociation dynamics of the tert-butyl radical via photofragment translational spectroscopy at 248 nm. Physical Chemistry Chemical Physics, 2011, 13, 8180.	1.3	22
27	Photodissociation dynamics of the phenyl radical via photofragment translational spectroscopy. Journal of Chemical Physics, 2010, 133, 074302.	1.2	23