

# Katrine T Schjoldager

## List of Publications by Year in descending order

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28  
papers

1,942  
citations

304743

22  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycoproteomics. Nature Reviews Methods Primers, 2022, 2, .	21.2	61
2	Global view of human protein glycosylation pathways and functions. Nature Reviews Molecular Cell Biology, 2020, 21, 729-749.	37.0	560
3	An atlas of O-linked glycosylation on peptide hormones reveals diverse biological roles. Nature Communications, 2020, 11, 4033.	12.8	46
4	A Bump-and-Hole Approach to Dissect Regulation of Protein O-Glycosylation. Molecular Cell, 2020, 78, 803-805.	9.7	1
5	Novel congenital disorder of <i>O</i>-linked glycosylation caused by GALNT2 loss of function. Brain, 2020, 143, 1114-1126.	7.6	46
6	NATURAL O-GLYCANS ON ATRIAL NATRIURETIC PEPTIDE ATTENUATE THE ACUTE RENAL AND CARDIOVASCULAR ACTIONS IN VIVO. Journal of the American College of Cardiology, 2019, 73, 693.	2.8	0
7	An Atlas of Human Glycosylation Pathways Enables Display of the Human Glycome by Gene Engineered Cells. Molecular Cell, 2019, 75, 394-407.e5.	9.7	181
8	A validated collection of mouse monoclonal antibodies to human glycosyltransferases functioning in mucin-type O-glycosylation. Glycobiology, 2019, 29, 645-656.	2.5	16
9	Discovery of O-glycans on atrial natriuretic peptide (ANP) that affect both its proteolytic degradation and potency at its cognate receptor. Journal of Biological Chemistry, 2019, 294, 12567-12578.	3.4	42
10	Exploring Regulation of Protein O-Glycosylation in Isogenic Human HEK293 Cells by Differential O-Glycoproteomics. Molecular and Cellular Proteomics, 2019, 18, 1396-1409.	3.8	44
11	Galnt11 regulates kidney function by glycosylating the endocytosis receptor megalin to modulate ligand binding. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25196-25202.	7.1	38
12	Fine-Tuning Limited Proteolysis: A Major Role for Regulated Site-Specific O-Glycosylation. Trends in Biochemical Sciences, 2018, 43, 269-284.	7.5	40
13	Structural Analysis of a GalNAcâ€¢2 Mutant Reveals an Inducedâ€¢Fit Catalytic Mechanism for GalNAcâ€¢Ts. Chemistry - A European Journal, 2018, 24, 8382-8392.	3.3	16
14	SnapShot: O-Glycosylation Pathways across Kingdoms. Cell, 2018, 172, 632-632.e2.	28.9	72
15	A validated gRNA library for CRISPR/Cas9 targeting of the human glycosyltransferase genome. Glycobiology, 2018, 28, 295-305.	2.5	70
16	GlycoDomainViewer: a bioinformatics tool for contextual exploration of glycoproteomes. Glycobiology, 2018, 28, 131-136.	2.5	25
17	TAILS N-terminomics and proteomics reveal complex regulation of proteolytic cleavage by O-glycosylation. Journal of Biological Chemistry, 2018, 293, 7629-7644.	3.4	25
18	Site-specific O-glycosylation of members of the low-density lipoprotein receptor superfamily enhances ligand interactions. Journal of Biological Chemistry, 2018, 293, 7408-7422.	3.4	57

#	ARTICLE	IF	CITATIONS
19	Glycosyltransferase genes that cause monogenic congenital disorders of glycosylation are distinct from glycosyltransferase genes associated with complex diseases. <i>Glycobiology</i> , 2018, 28, 284-294.	2.5	43
20	Probing the contribution of individual polypeptide GalNAc-transferase isoforms to the O-glycoproteome by inducible expression in isogenic cell lines. <i>Journal of Biological Chemistry</i> , 2018, 293, 19064-19077.	3.4	38
21	Site-specific O-Glycosylation by Polypeptide N-Acetylgalactosaminyltransferase 2 (GalNAc-transferase) Tj ETQq1 1 0.784314 rgBT /Ov 4714-4726.	3.4	35
22	Chromogranin A in the mammalian heart: expression without secretion. <i>Biomarkers in Medicine</i> , 2017, 11, 541-545.	1.4	4
23	Characterizing the O-glycosylation landscape of human plasma, platelets, and endothelial cells. <i>Blood Advances</i> , 2017, 1, 429-442.	5.2	121
24	Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents. <i>Cell Metabolism</i> , 2016, 24, 234-245.	16.2	103
25	Deconstruction of O-glycosylation GalNAc isoforms direct distinct subsets of the O-glycoproteome. <i>EMBO Reports</i> , 2015, 16, 1713-1722.	4.5	91
26	A systematic study of modulation of ADAM-mediated ectodomain shedding by site-specific O-glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14623-14628.	7.1	98
27	A glycome mutation map for discovery of diseases of glycosylation. <i>Glycobiology</i> , 2015, 25, 211-224.	2.5	52
28	Development of Isoform-specific Sensors of Polypeptide GalNAc-transferase Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 30556-30566.	3.4	14