Catharina Steentoft

List of Publications by Year
in descending order

31	3,936	304743 22	454955 30
papers	citations	h-index	g-index

33	33	33	5750
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isoforms of MUC16 activate oncogenic signaling through EGF receptors to enhance the progression of pancreatic cancer. Molecular Therapy, 2021, 29, 1557-1571.	8.2	25
2	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
3	A validated collection of mouse monoclonal antibodies to human glycosyltransferases functioning in mucin-type O-glycosylation. Glycobiology, 2019, 29, 645-656.	2.5	16
4	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
5	A strategy for generating cancer-specific monoclonal antibodies to aberrantO-glycoproteins: identification of a novel dysadherin-Tn antibody. Glycobiology, 2019, 29, 307-319.	2.5	17
6	Multiple cancer-specific antigens are targeted by a chimeric antibody receptor on a single cancer cell. JCI Insight, 2019, 4, .	5.0	21
7	Glycan-directed CAR-T cells. Glycobiology, 2018, 28, 656-669.	2.5	74
8	GlycoDomainViewer: a bioinformatics tool for contextual exploration of glycoproteomes. Glycobiology, 2018, 28, 131-136.	2.5	25
9	Mucins and Truncated O-Glycans Unveil Phenotypic Discrepancies between Serous Ovarian Cancer Cell Lines and Primary Tumours. International Journal of Molecular Sciences, 2018, 19, 2045.	4.1	22
10	The GAGOme: a cell-based library of displayed glycosaminoglycans. Nature Methods, 2018, 15, 881-888.	19.0	113
11	Engineered CAR T Cells Targeting the Cancer-Associated Tn-Glycoform of the Membrane Mucin MUC1 Control Adenocarcinoma. Immunity, 2016, 44, 1444-1454.	14.3	458
12	Fucosylation and protein glycosylation create functional receptors for cholera toxin. ELife, 2015, 4, e09545.	6.0	81
13	Probing the O-Glycoproteome of Gastric Cancer Cell Lines for Biomarker Discovery*. Molecular and Cellular Proteomics, 2015, 14, 1616-1629.	3.8	91
14	Fast and sensitive detection of indels induced by precise gene targeting. Nucleic Acids Research, 2015, 43, e59-e59.	14.5	151
15	Advances in mass spectrometry driven O-glycoproteomics. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 33-42.	2.4	104
16	Protein O-GalNAc Glycosylation: Most Complex and Differentially Regulated PTM. , 2015, , 1049-1064.		2
17	Immature truncated O-glycophenotype of cancer directly induces oncogenic features. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4066-75.	7.1	251
18	The GalNAc-type O-Glycoproteome of CHO Cells Characterized by the SimpleCell Strategy. Molecular and Cellular Proteomics, 2014, 13, 3224-3235.	3.8	72

#	Article	IF	Citations
19	Protein O-GalNAc Glycosylation: The Most Complex and Differentially Regulated PTM. , 2014, , 1-14.		4
20	Precision genome editing: A small revolution for glycobiology. Glycobiology, 2014, 24, 663-680.	2.5	47
21	Mining the O-mannose glycoproteome reveals cadherins as major O-mannosylated glycoproteins. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 21018-21023.	7.1	143
22	Precision mapping of the human O-GalNAc glycoproteome through SimpleCell technology. EMBO Journal, 2013, 32, 1478-1488.	7.8	1,130
23	Microarray Glycoprofiling of CA125 Improves Differential Diagnosis of Ovarian Cancer. Journal of Proteome Research, 2013, 12, 1408-1418.	3.7	96
24	Enhanced Mass Spectrometric Mapping of the Human GalNAc-type O-Glycoproteome with SimpleCells. Molecular and Cellular Proteomics, 2013, 12, 932-944.	3.8	92
25	Initiation of GalNAc-type O-glycosylation in the endoplasmic reticulum promotes cancer cell invasiveness. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3152-61.	7.1	158
26	Glycoengineering of Human Cell Lines Using Zinc Finger Nuclease Gene Targeting: SimpleCells with Homogeneous GalNAc O-glycosylation Allow Isolation of the O-glycoproteome by One-Step Lectin Affinity Chromatography. Methods in Molecular Biology, 2013, 1022, 387-402.	0.9	25
27	Glycan Elongation Beyond the Mucin Associated Tn Antigen Protects Tumor Cells from Immune-Mediated Killing. PLoS ONE, 2013, 8, e72413.	2.5	41
28	Probing isoform-specific functions of polypeptide GalNAc-transferases using zinc finger nuclease glycoengineered SimpleCells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9893-9898.	7.1	113
29	Mining the O-glycoproteome using zinc-finger nucleaseâ€“glycoengineered SimpleCell lines. Nature Methods, 2011, 8, 977-982.	19.0	312
30	Characterization of an immunodominant cancer-specific O-glycopeptide epitope in murine podoplanin (OTS8). Glycoconjugate Journal, 2010, 27, 571-582.	2.7	16
31	Glycoâ€Scan: Varying Glycosylation in the Sequence of the Peptide Hormone PYY3â€36 and Its Effect on Receptor Selectivity. ChemBioChem, 2010, 11, 366-374.	2.6	9