

Ola Blixt

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62
papers

3,542
citations

24
h-index

59
g-index

65
ext. papers

3,860
ext. citations

6.8
avg, IF

4.71
L-index

#	Paper	IF	Citations
62	Printed covalent glycan array for ligand profiling of diverse glycan binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17033-8	11.5	949
61	Galectin-1, -2, and -3 exhibit differential recognition of sialylated glycans and blood group antigens. <i>Journal of Biological Chemistry</i> , 2008 , 283, 10109-23	5.4	322
60	Carbohydrate microarrays. <i>Chemical Society Reviews</i> , 2013 , 42, 4310-26	58.5	202
59	Cancer biomarkers defined by autoantibody signatures to aberrant O-glycopeptide epitopes. <i>Cancer Research</i> , 2010 , 70, 1306-13	10.1	199
58	Sialoside specificity of the siglec family assessed using novel multivalent probes: identification of potent inhibitors of myelin-associated glycoprotein. <i>Journal of Biological Chemistry</i> , 2003 , 278, 31007-19	5.4	170
57	Autoantibodies to aberrantly glycosylated MUC1 in early stage breast cancer are associated with a better prognosis. <i>Breast Cancer Research</i> , 2011 , 13, R25	8.3	143
56	RIFINs are adhesins implicated in severe <i>Plasmodium falciparum</i> malaria. <i>Nature Medicine</i> , 2015 , 21, 314-30	30.5	127
55	Dimeric galectin-1 binds with high affinity to alpha2,3-sialylated and non-sialylated terminal N-acetylglucosamine units on surface-bound extended glycans. <i>Journal of Biological Chemistry</i> , 2005 , 280, 5549-62	5.4	123
54	Seromic profiling of colorectal cancer patients with novel glycopeptide microarray. <i>International Journal of Cancer</i> , 2011 , 128, 1860-71	7.5	108
53	Chemoenzymatic synthesis of 2-azidoethyl-ganglio-oligosaccharides GD3, GT3, GM2, GD2, GT2, GM1, and GD1a. <i>Carbohydrate Research</i> , 2005 , 340, 1963-72	2.9	89
52	Sialoside analogue arrays for rapid identification of high affinity siglec ligands. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6680-1	16.4	83
51	High-level expression of the <i>Neisseria meningitidis</i> lgtA gene in <i>Escherichia coli</i> and characterization of the encoded N-acetylglucosaminyltransferase as a useful catalyst in the synthesis of GlcNAc beta 1->3Gal and GalNAc beta 1->3Gal linkages. <i>Glycobiology</i> , 1999 , 9, 1061-71	5.8	81
50	A high-throughput O-glycopeptide discovery platform for seromic profiling. <i>Journal of Proteome Research</i> , 2010 , 9, 5250-61	5.6	80
49	Efficient chemoenzymatic synthesis of O-linked sialyl oligosaccharides. <i>Journal of the American Chemical Society</i> , 2002 , 124, 5739-46	16.4	76
48	Glycan microarrays for screening sialyltransferase specificities. <i>Glycoconjugate Journal</i> , 2008 , 25, 59-68	3	75
47	Efficient preparation of natural and synthetic galactosides with a recombinant beta-1,4-galactosyltransferase-/UDP-4Tgal epimerase fusion protein. <i>Journal of Organic Chemistry</i> , 2001 , 66, 2442-8	4.2	64
46	Pathogen specific carbohydrate antigen microarrays: a chip for detection of <i>Salmonella</i> O-antigen specific antibodies. <i>Glycoconjugate Journal</i> , 2008 , 25, 27-36	3	59

45	Chemoenzymatic synthesis of glycan libraries. <i>Methods in Enzymology</i> , 2006 , 415, 137-53	1.7	59
44	Immunization with DNA Plasmids Coding for Crimean-Congo Hemorrhagic Fever Virus Capsid and Envelope Proteins and/or Virus-Like Particles Induces Protection and Survival in Challenged Mice. <i>Journal of Virology</i> , 2017 , 91,	6.6	40
43	Biocatalytic Preparation of N-Glycolylneuraminic Acid, Deaminoneuraminic Acid (KDN) and 9-Azido-9-deoxysialic Acid Oligosaccharides. <i>Advanced Synthesis and Catalysis</i> , 2003 , 345, 687-690	5.6	36
42	Analysis of Tn antigenicity with a panel of new IgM and IgG1 monoclonal antibodies raised against leukemic cells. <i>Glycobiology</i> , 2012 , 22, 529-42	5.8	34
41	Random glycopeptide bead libraries for seromic biomarker discovery. <i>Journal of Proteome Research</i> , 2010 , 9, 6705-14	5.6	30
40	Chemoselective Reagents for Covalent Capture and Display of Glycans in Microarrays. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 540-554	3.2	29
39	Characterization of the viral O-glycopeptidome: a novel tool of relevance for vaccine design and serodiagnosis. <i>Journal of Virology</i> , 2012 , 86, 6268-78	6.6	27
38	Primary breast cancer tumours contain high amounts of IgA1 immunoglobulin: an immunohistochemical analysis of a possible carrier of the tumour-associated Tn antigen. <i>PLoS ONE</i> , 2013 , 8, e61749	3.7	22
37	New derivatives of reducing oligosaccharides and their use in enzymatic reactions: efficient synthesis of sialyl Lewis a and sialyl dimeric Lewis x glycoconjugates. <i>Carbohydrate Research</i> , 2000 , 328, 525-31	2.9	21
36	Arraying the post-translational glycoproteome (PTG). <i>Current Opinion in Chemical Biology</i> , 2014 , 18, 62-99.7		20
35	A diverse range of bacterial and eukaryotic chitinases hydrolyzes the LacNAc (Gal β -4GlcNAc) and LacdiNAc (GalNAc β -4GlcNAc) motifs found on vertebrate and insect cells. <i>Journal of Biological Chemistry</i> , 2015 , 290, 5354-66	5.4	18
34	Diverse IgG serum response to novel glycopeptide epitopes detected within immunodominant stretches of Epstein-Barr virus glycoprotein 350/220: diagnostic potential of O-glycopeptide microarrays. <i>Glycoconjugate Journal</i> , 2013 , 30, 633-40	3	16
33	A novel monoclonal antibody to a defined peptide epitope in MUC16. <i>Glycobiology</i> , 2015 , 25, 1172-82	5.8	15
32	Epitope-mapping of the glycoprotein from Crimean-Congo hemorrhagic fever virus using a microarray approach. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006598	4.8	14
31	Characterization of an immunodominant cancer-specific O-glycopeptide epitope in murine podoplanin (OTS8). <i>Glycoconjugate Journal</i> , 2010 , 27, 571-82	3	14
30	Synthesis of Cholesterol-Substituted Glycopeptides for Tailor-Made Glycocalyxification of Artificial Membrane Systems. <i>ChemBioChem</i> , 2016 , 17, 1403-6	3.8	12
29	Intra-tumour IgA1 is common in cancer and is correlated with poor prognosis in bladder cancer. <i>Heliyon</i> , 2016 , 2, e00143	3.6	12
28	Cytotoxic activity against human neuroblastoma and melanoma cells mediated by IgM antibodies derived from peripheral blood of healthy donors. <i>International Journal of Cancer</i> , 2016 , 138, 2963-73	7.5	11

27	Characterization of avian influenza virus attachment patterns to human and pig tissues. <i>Scientific Reports</i> , 2018 , 8, 12215	4.9	11
26	Epitope mapping of a new anti-Tn antibody detecting gastric cancer cells. <i>Glycobiology</i> , 2017 , 27, 635-645	5.8	10
25	Specificity of human natural antibodies referred to as anti-Tn. <i>Molecular Immunology</i> , 2020 , 120, 74-82	4.3	10
24	Viral O-GalNAc peptide epitopes: a novel potential target in viral envelope glycoproteins. <i>Reviews in Medical Virology</i> , 2016 , 26, 34-48	11.7	9
23	A Graphene-Based Glycan Biosensor for Electrochemical Label-Free Detection of a Tumor-Associated Antibody. <i>Sensors</i> , 2019 , 19,	3.8	9
22	Effect of Noncanonical Amino Acids on Protein-Carbohydrate Interactions: Structure, Dynamics, and Carbohydrate Affinity of a Lectin Engineered with Fluorinated Tryptophan Analogs. <i>ACS Chemical Biology</i> , 2018 , 13, 2211-2219	4.9	9
21	Recombinant Glycoprotein E of Varicella Zoster Virus Contains Glycan-Peptide Motifs That Modulate B Cell Epitopes into Discrete Immunological Signatures. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
20	Synthesis of O-glycopeptides and construction of glycopeptide microarrays. <i>Methods in Molecular Biology</i> , 2013 , 1047, 201-14	1.4	8
19	Linear Multiepitope (Glyco)peptides for Type-Specific Serology of Herpes Simplex Virus (HSV) Infections. <i>ACS Infectious Diseases</i> , 2017 , 3, 360-367	5.5	7
18	Optimization of the Small Glycan Presentation for Binding a Tumor-Associated Antibody: Application to the Construction of an Ultrasensitive Glycan Biosensor. <i>Langmuir</i> , 2017 , 33, 2709-2716	4	7
17	Synthesis of BODIPY-Labeled Cholesterylated Glycopeptides by Tandem Click Chemistry for Glycocalyxification of Giant Unilamellar Vesicles (GUVs). <i>Chemistry - A European Journal</i> , 2017 , 23, 9472-9476	4.8	7
16	Combining Click Reactions for the One-Pot Synthesis of Modular Biomolecule Mimetics. <i>Organic Letters</i> , 2019 , 21, 7544-7548	6.2	7
15	PODO447: a novel antibody to a tumor-restricted epitope on the cancer antigen podocalyxin	8,	7
14	Host Range of Influenza A Virus H1 to H16 in Eurasian Ducks Based on Tissue and Receptor Binding Studies. <i>Journal of Virology</i> , 2021 , 95,	6.6	7
13	Repertoire of Abs primed by bacteria in gnotobiotic mice. <i>Innate Immunity</i> , 2018 , 24, 180-187	2.7	6
12	ABO Blood Group Antigen Decorated Giant Unilamellar Vesicles Exhibit Distinct Interactions with Plasmodium falciparum Infected Red Blood Cells. <i>ACS Chemical Biology</i> , 2018 , 13, 2421-2426	4.9	6
11	Strategies for Synthesis of an Oligosaccharide Library Using a Chemoenzymatic Approach. <i>ACS Symposium Series</i> , 2004 , 93-112	0.4	6
10	Facile solid-phase ruthenium assisted azide-alkyne cycloaddition (RuAAC) utilizing the Cp*RuCl(COD)-catalyst. <i>Tetrahedron Letters</i> , 2017 , 58, 2272-2275	2	5

9	A Combinatory Antibody-Antigen Microarray Assay for High-Content Screening of Single-Chain Fragment Variable Clones from Recombinant Libraries. <i>PLoS ONE</i> , 2016 , 11, e0168761	3.7	5
8	A novel monoclonal antibody targeting carboxymethyllysine, an advanced glycation end product in atherosclerosis and pancreatic cancer. <i>PLoS ONE</i> , 2018 , 13, e0191872	3.7	4
7	Glycan Microarray Analysis of Tumor-Associated Antibodies 2012 , 283-306		4
6	Clustering of Giant Unilamellar Vesicles Promoted by Covalent and Noncovalent Bonding of Functional Groups at Membrane-Embedded Peptides. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2156-2164	6.3	3
5	Synthetic glycobiology. <i>Interface Focus</i> , 2019 , 9, 20190004	3.9	2
4	Synthesis of Oligo-(alkyne-triplet)peptide Constructs. <i>Organic Letters</i> , 2017 , 19, 6522-6525	6.2	2
3	Evaluation of Sialyl-Lactotetra as a Marker for Epithelial Ovarian Tumors. <i>Frontiers in Oncology</i> , 2020 , 10, 561888	5.3	2
2	Reversible derivatization of sugars with carbobenzyloxy groups and use of the derivatives in solution-phase enzymatic oligosaccharide synthesis. <i>Carbohydrate Research</i> , 2021 , 502, 108272	2.9	1
1	Amplified suspension magnetic bead-based assay for sensitive detection of anti-glycan antibodies as potential cancer biomarkers.. <i>Analytica Chimica Acta</i> , 2022 , 1195, 339444	6.6	0