

# Ola Blixt

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9165244/ola-blixt-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Amplified suspension magnetic bead-based assay for sensitive detection of anti-glycan antibodies as potential cancer biomarkers.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1195, 339444	6.6	0
61	Reversible derivatization of sugars with carbobenzyloxy groups and use of the derivatives in solution-phase enzymatic oligosaccharide synthesis. <i>Carbohydrate Research</i> , <b>2021</b> , 502, 108272	2.9	1
60	Host Range of Influenza A Virus H1 to H16 in Eurasian Ducks Based on Tissue and Receptor Binding Studies. <i>Journal of Virology</i> , <b>2021</b> , 95,	6.6	7
59	Specificity of human natural antibodies referred to as anti-Tn. <i>Molecular Immunology</i> , <b>2020</b> , 120, 74-82	4.3	10
58	Evaluation of Sialyl-Lactotetra as a Marker for Epithelial Ovarian Tumors. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 561888	5.3	2
57	PODO447: a novel antibody to a tumor-restricted epitope on the cancer antigen podocalyxin <b>2020</b> , 8,		7
56	Combining Click Reactions for the One-Pot Synthesis of Modular Biomolecule Mimetics. <i>Organic Letters</i> , <b>2019</b> , 21, 7544-7548	6.2	7
55	Synthetic glycobiology. <i>Interface Focus</i> , <b>2019</b> , 9, 20190004	3.9	2
54	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> , <b>2019</b> , 20,	6.3	8
53	Clustering of Giant Unilamellar Vesicles Promoted by Covalent and Noncovalent Bonding of Functional Groups at Membrane-Embedded Peptides. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2156-2164	6.3	3
52	A Graphene-Based Glycan Biosensor for Electrochemical Label-Free Detection of a Tumor-Associated Antibody. <i>Sensors</i> , <b>2019</b> , 19,	3.8	9
51	Repertoire of Abs primed by bacteria in gnotobiotic mice. <i>Innate Immunity</i> , <b>2018</b> , 24, 180-187	2.7	6
50	Epitope-mapping of the glycoprotein from Crimean-Congo hemorrhagic fever virus using a microarray approach. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006598	4.8	14
49	Characterization of avian influenza virus attachment patterns to human and pig tissues. <i>Scientific Reports</i> , <b>2018</b> , 8, 12215	4.9	11
48	ABO Blood Group Antigen Decorated Giant Unilamellar Vesicles Exhibit Distinct Interactions with Plasmodium falciparum Infected Red Blood Cells. <i>ACS Chemical Biology</i> , <b>2018</b> , 13, 2421-2426	4.9	6
47	A novel monoclonal antibody targeting carboxymethyllysine, an advanced glycation end product in atherosclerosis and pancreatic cancer. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191872	3.7	4
46	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> , <b>2018</b> , 13, 2211-2219	4.9	9

45	Linear Multiepitope (Glyco)peptides for Type-Specific Serology of Herpes Simplex Virus (HSV) Infections. <i>ACS Infectious Diseases</i> , <b>2017</b> , 3, 360-367	5.5	7
44	Optimization of the Small Glycan Presentation for Binding a Tumor-Associated Antibody: Application to the Construction of an Ultrasensitive Glycan Biosensor. <i>Langmuir</i> , <b>2017</b> , 33, 2709-2716	4	7
43	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> , <b>2017</b> , 91,	6.6	40
42	Facile solid-phase ruthenium assisted azide-alkyne cycloaddition (RuAAC) utilizing the Cp*RuCl(COD)-catalyst. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 2272-2275	2	5
41	Epitope mapping of a new anti-Tn antibody detecting gastric cancer cells. <i>Glycobiology</i> , <b>2017</b> , 27, 635-645	5.8	10
40	Synthesis of BODIPY-Labeled Cholesterylated Glycopeptides by Tandem Click Chemistry for Glycocalyxification of Giant Unilamellar Vesicles (GUVs). <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9472-9476	4.8	7
39	Synthesis of Oligo-(alkyne-triplet)peptide Constructs. <i>Organic Letters</i> , <b>2017</b> , 19, 6522-6525	6.2	2
38	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> , <b>2016</b> , 138, 2963-73	7.5	11
37	Viral O-GalNAc peptide epitopes: a novel potential target in viral envelope glycoproteins. <i>Reviews in Medical Virology</i> , <b>2016</b> , 26, 34-48	11.7	9
36	A Combinatory Antibody-Antigen Microarray Assay for High-Content Screening of Single-Chain Fragment Variable Clones from Recombinant Libraries. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168761	3.7	5
35	Synthesis of Cholesterol-Substituted Glycopeptides for Tailor-Made Glycocalyxification of Artificial Membrane Systems. <i>ChemBioChem</i> , <b>2016</b> , 17, 1403-6	3.8	12
34	Intra-tumour IgA1 is common in cancer and is correlated with poor prognosis in bladder cancer. <i>Heliyon</i> , <b>2016</b> , 2, e00143	3.6	12
33	A novel monoclonal antibody to a defined peptide epitope in MUC16. <i>Glycobiology</i> , <b>2015</b> , 25, 1172-82	5.8	15
32	RIFINs are adhesins implicated in severe Plasmodium falciparum malaria. <i>Nature Medicine</i> , <b>2015</b> , 21, 314-7	30.5	127
31	A diverse range of bacterial and eukaryotic chitinases hydrolyzes the LacNAc (Gal $\beta$ -4GlcNAc) and LacdiNAc (GalNAc $\beta$ -4GlcNAc) motifs found on vertebrate and insect cells. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 5354-66	5.4	18
30	Arraying the post-translational glycoproteome (PTG). <i>Current Opinion in Chemical Biology</i> , <b>2014</b> , 18, 62-9	9.7	20
29	Carbohydrate microarrays. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 4310-26	58.5	202
28	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> , <b>2013</b> , 30, 633-40	3	16

27	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> , <b>2013</b> , 8, e61749	3.7	22
26	Synthesis of O-glycopeptides and construction of glycopeptide microarrays. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1047, 201-14	1.4	8
25	Analysis of Tn antigenicity with a panel of new IgM and IgG1 monoclonal antibodies raised against leukemic cells. <i>Glycobiology</i> , <b>2012</b> , 22, 529-42	5.8	34
24	Glycan Microarray Analysis of Tumor-Associated Antibodies <b>2012</b> , 283-306		4
23	Characterization of the viral O-glycopeptidome: a novel tool of relevance for vaccine design and serodiagnosis. <i>Journal of Virology</i> , <b>2012</b> , 86, 6268-78	6.6	27
22	Autoantibodies to aberrantly glycosylated MUC1 in early stage breast cancer are associated with a better prognosis. <i>Breast Cancer Research</i> , <b>2011</b> , 13, R25	8.3	143
21	Seromic profiling of colorectal cancer patients with novel glycopeptide microarray. <i>International Journal of Cancer</i> , <b>2011</b> , 128, 1860-71	7.5	108
20	A high-throughput O-glycopeptide discovery platform for seromic profiling. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 5250-61	5.6	80
19	Random glycopeptide bead libraries for seromic biomarker discovery. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 6705-14	5.6	30
18	Cancer biomarkers defined by autoantibody signatures to aberrant O-glycopeptide epitopes. <i>Cancer Research</i> , <b>2010</b> , 70, 1306-13	10.1	199
17	Characterization of an immunodominant cancer-specific O-glycopeptide epitope in murine podoplanin (OTS8). <i>Glycoconjugate Journal</i> , <b>2010</b> , 27, 571-82	3	14
16	Chemoselective Reagents for Covalent Capture and Display of Glycans in Microarrays. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 540-554	3.2	29
15	Sialoside analogue arrays for rapid identification of high affinity siglec ligands. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6680-1	16.4	83
14	Galectin-1, -2, and -3 exhibit differential recognition of sialylated glycans and blood group antigens. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 10109-23	5.4	322
13	Pathogen specific carbohydrate antigen microarrays: a chip for detection of Salmonella O-antigen specific antibodies. <i>Glycoconjugate Journal</i> , <b>2008</b> , 25, 27-36	3	59
12	Glycan microarrays for screening sialyltransferase specificities. <i>Glycoconjugate Journal</i> , <b>2008</b> , 25, 59-68	3	75
11	Chemoenzymatic synthesis of glycan libraries. <i>Methods in Enzymology</i> , <b>2006</b> , 415, 137-53	1.7	59
10	Dimeric galectin-1 binds with high affinity to alpha2,3-sialylated and non-sialylated terminal N-acetyllactosamine units on surface-bound extended glycans. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 5549-62	5.4	123

9	Chemoenzymatic synthesis of 2-azidoethyl-ganglio-oligosaccharides GD3, GT3, GM2, GD2, GT2, GM1, and GD1a. <i>Carbohydrate Research</i> , <b>2005</b> , 340, 1963-72	2.9	89
8	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> , <b>2004</b> , 101, 17033-8	11.5	949
7	Strategies for Synthesis of an Oligosaccharide Library Using a Chemoenzymatic Approach. <i>ACS Symposium Series</i> , <b>2004</b> , 93-112	0.4	6
6	Biocatalytic Preparation of N-Glycolylneuraminic Acid, Deaminoneuraminic Acid (KDN) and 9-Azido-9-deoxysialic Acid Oligosaccharides. <i>Advanced Synthesis and Catalysis</i> , <b>2003</b> , 345, 687-690	5.6	36
5	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> , <b>2003</b> , 278, 31007-19 <sup>5-4</sup>	17 <sup>0</sup>	
4	Efficient chemoenzymatic synthesis of O-linked sialyl oligosaccharides. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 5739-46	16.4	76
3	Efficient preparation of natural and synthetic galactosides with a recombinant beta-1,4-galactosyltransferase-/UDP-4Fgal epimerase fusion protein. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 2442-8	4.2	64
2	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> , <b>2000</b> , 328, 525-31	2.9	21
1	High-level expression of the Neisseria meningitidis lgtA gene in Escherichia coli 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> , <b>1999</b> , 9, 1061-71	5.8	81