

# Henning StÅrckmann

## List of Publications by Year in descending order

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43  
papers

1,743  
citations

236925

25  
h-index

276875

41  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2941  
citing authors

#	ARTICLE	IF	CITATIONS
1	The "Sweet" Side of the Protein Corona: Effects of Glycosylation on Nanoparticle-Cell Interactions. ACS Nano, 2015, 9, 2157-2166.	14.6	184
2	Exploring isonitrile-based click chemistry for ligation with biomolecules. Organic and Biomolecular Chemistry, 2011, 9, 7303.	2.8	110
3	Automated, High-Throughput IgG-Antibody Glycoprofiling Platform. Analytical Chemistry, 2013, 85, 8841-8849.	6.5	102
4	Imaging sialylated tumor cell glycans <i>in vivo</i> . FASEB Journal, 2011, 25, 2528-2537.	0.5	80
5	Bacterial Biosynthetic Gene Clusters Encoding the Anti-cancer Haterumalide Class of Molecules. Journal of Biological Chemistry, 2012, 287, 39125-39138.	3.4	80
6	Metabolic Glycan Imaging by Isonitrile-Tetrazine Click Chemistry. ChemBioChem, 2013, 14, 1063-1067.	2.6	79
7	Development and evaluation of new cyclooctynes for cell surface glycan imaging in cancer cells. Chemical Science, 2011, 2, 932.	7.4	71
8	Imaging Cell Surface Glycosylation in Vivo Using "Double Click" Chemistry. Bioconjugate Chemistry, 2013, 24, 934-941.	3.6	66
9	Classical galactosaemia: novel insights in IgG N-glycosylation and N-glycan biosynthesis. European Journal of Human Genetics, 2016, 24, 976-984.	2.8	60
10	Plasma N-glycans in colorectal cancer risk. Scientific Reports, 2018, 8, 8655.	3.3	57
11	Emerging Approaches for the Identification of Protein Targets of Small Molecules - A Practitioners™ Perspective. Journal of Medicinal Chemistry, 2018, 61, 8504-8535.	6.4	55
12	<i>N</i> -Glycan Abnormalities in Children with Galactosemia. Journal of Proteome Research, 2014, 13, 385-394.	3.7	50
13	Dual-sugar imaging using isonitrile and azido-based click chemistries. Organic and Biomolecular Chemistry, 2013, 11, 7297.	2.8	49
14	Sialylation of N-Linked Glycans Influences the Immunomodulatory Effects of IgM on T Cells. Journal of Immunology, 2015, 194, 151-157.	0.8	48
15	Ultrahigh Throughput, Ultrafiltration-Based <i>N</i> -Glycomics Platform for Ultrapformance Liquid Chromatography (ULTRA <sup>3</sup> ). Analytical Chemistry, 2015, 87, 8316-8322.	6.5	46
16	Small Molecule IL-36 <sup>3</sup> Antagonist as a Novel Therapeutic Approach for Plaque Psoriasis. Scientific Reports, 2019, 9, 9089.	3.3	42
17	Integrating biomarkers across omic platforms: an approach to improve stratification of patients with indolent and aggressive prostate cancer. Molecular Oncology, 2018, 12, 1513-1525.	4.6	41
18	Comprehensive Profiling of Glycosphingolipid Glycans Using a Novel Broad Specificity Endoglycoceramidase in a High-Throughput Workflow. Analytical Chemistry, 2016, 88, 4795-4802.	6.5	37

#	ARTICLE	IF	CITATIONS
19	Copper-free click <sup>®</sup> a promising tool for pre-targeted PET imaging. <i>Chemical Communications</i> , 2012, 48, 991-993.	4.1	35
20	Residual Ligand Entropy in the Binding of <i>p</i> -Substituted Benzenesulfonamide Ligands to Bovine Carbonic Anhydrase II. <i>Journal of the American Chemical Society</i> , 2008, 130, 12420-12426.	13.7	34
21	Serum <i>N</i> -glycome alterations in breast cancer during multimodal treatment and follow-up. <i>Molecular Oncology</i> , 2017, 11, 1361-1379.	4.6	32
22	Quantitative ligand and receptor binding studies reveal the mechanism of interleukin-36 (IL-36) pathway activation. <i>Journal of Biological Chemistry</i> , 2018, 293, 403-411.	3.4	31
23	High-throughput characterization of the functional impact of IgG Fc glycan aberrancy in juvenile idiopathic arthritis. <i>Glycobiology</i> , 2017, 27, 1099-1108.	2.5	29
24	IgG Fc glycosylation as an axis of humoral immunity in childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 710-713.e9.	2.9	27
25	(E,E)-1,5-Cyclooctadiene: a small and fast click-chemistry multitalent. <i>Chemical Communications</i> , 2011, 47, 7203.	4.1	26
26	Orthogonal Technologies for NISTmAb N-Glycan Structure Elucidation and Quantitation. <i>ACS Symposium Series</i> , 2015, , 185-235.	0.5	26
27	Imaging Glycosylation In Vivo by Metabolic Labeling and Magnetic Resonance Imaging. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1286-1290.	13.8	26
28	Effects of temporary low-dose galactose supplements in children aged 5–12 y with classical galactosemia: a pilot study. <i>Pediatric Research</i> , 2015, 78, 272-279.	2.3	25
29	<i>N</i> -Glycosylation of Serum IgG and Total Glycoproteins in MAN1B1 Deficiency. <i>Journal of Proteome Research</i> , 2015, 14, 4402-4412.	3.7	25
30	<i>N</i> -glycan signatures identified in tumor interstitial fluid and serum of breast cancer patients: association with tumor biology and clinical outcome. <i>Molecular Oncology</i> , 2018, 12, 972-990.	4.6	24
31	High-Throughput Analysis of the Plasma N-Glycome by UHPLC. <i>Methods in Molecular Biology</i> , 2017, 1503, 97-108.	0.9	20
32	Cell-Surface Receptor–Ligand Interaction Analysis with Homogeneous Time-Resolved FRET and Metabolic Glycan Engineering: Application to Transmembrane and GPI-Anchored Receptors. <i>Journal of the American Chemical Society</i> , 2017, 139, 16822-16829.	13.7	18
33	A Robust and Versatile Automated Glycoanalytical Technology for Serum Antibodies and Acute Phase Proteins: Ovarian Cancer Case Study. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2191-2206.	3.8	18
34	Advances in analytical methodologies to guide bioprocess engineering for bio-therapeutics. <i>Methods</i> , 2017, 116, 63-83.	3.8	17
35	Glycosylation in Indolent, Significant and Aggressive Prostate Cancer by Automated High-Throughput N-Glycan Profiling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9233.	4.1	14
36	Serum <i>N</i> -Glycome Characterization in Patients with Resectable Periapillary Adenocarcinoma. <i>Journal of Proteome Research</i> , 2015, 14, 5144-5156.	3.7	10

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37	IgG N-Glycosylation Galactose Incorporation Ratios for the Monitoring of Classical Galactosaemia. <i>JIMD Reports</i> , 2015, 27, 47-53.	1.5	10
38	LC/MS <sup>2</sup> -based Intact IgG and Released Glycan Analysis for Bioprocessing Applications. <i>Biotechnology Journal</i> , 2018, 13, e1700185.	3.5	10
39	Imaging Glycosylation In Vivo by Metabolic Labeling and Magnetic Resonance Imaging. <i>Angewandte Chemie</i> , 2016, 128, 1308-1312.	2.0	8
40	Pregnancy-Associated Changes of IgG and Serum N-Glycosylation in Camel ( <i>Camelus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (	3.7	8
41	Development of inverse electron demand Diels-Alder ligation and TR-FRET assays for the determination of ligand-protein target occupancy in live cells. <i>MedChemComm</i> , 2017, 8, 789-795.	3.4	8
42	Glycan-Mediated, Ligand-Controlled Click Chemistry for Drug-Target Identification. <i>ChemBioChem</i> , 2016, 17, 150-154.	2.6	4
43	RÄ¼cktitelbild: Imaging Glycosylation In Vivo by Metabolic Labeling and Magnetic Resonance Imaging ( <i>Angew. Chem.</i> 4/2016). <i>Angewandte Chemie</i> , 2016, 128, 1592-1592.	2.0	0