

Jonathan Sjögren

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

691
citations

687363

13
h-index

888059

17
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18
all docs

18
docs citations

18
times ranked

1071
citing authors

#	ARTICLE	IF	CITATIONS
1	EndoS2 is a unique and conserved enzyme of serotype M49 group A <i>Streptococcus</i> that hydrolyses N-linked glycans on IgG and α 1-acid glycoprotein. <i>Biochemical Journal</i> , 2013, 455, 107-118.	3.7	95
2	A novel mechanism for NETosis provides antimicrobial defense at the oral mucosa. <i>Blood</i> , 2015, 126, 2128-2137.	1.4	94
3	Rapid and improved characterization of therapeutic antibodies and antibody related products using IdeS digestion and subunit analysis. <i>Analyst</i> , 2016, 141, 3114-3125.	3.5	85
4	Deciphering Protein O-Glycosylation: Solid-Phase Chemoenzymatic Cleavage and Enrichment. <i>Analytical Chemistry</i> , 2018, 90, 8261-8269.	6.5	74
5	EndoS and EndoS2 hydrolyze Fc-glycans on therapeutic antibodies with different glycoform selectivity and can be used for rapid quantification of high-mannose glycans. <i>Glycobiology</i> , 2015, 25, 1053-1063.	2.5	70
6	Structural basis of mammalian mucin processing by the human gut O-glycopeptidase OgpA from <i>Akkermansia muciniphila</i> . <i>Nature Communications</i> , 2020, 11, 4844.	12.8	57
7	Study of the IgG endoglycosidase EndoS in group A streptococcal phagocyte resistance and virulence. <i>BMC Microbiology</i> , 2011, 11, 120.	3.3	43
8	Bacterial glycosidases in pathogenesis and glycoengineering. <i>Future Microbiology</i> , 2014, 9, 1039-1051.	2.0	38
9	On enzymatic remodeling of IgG glycosylation; unique tools with broad applications. <i>Glycobiology</i> , 2020, 30, 254-267.	2.5	33
10	EndoE from <i>Enterococcus faecalis</i> Hydrolyzes the Glycans of the Biofilm Inhibiting Protein Lactoferrin and Mediates Growth. <i>PLoS ONE</i> , 2014, 9, e91035.	2.5	28
11	Glycan-Mediated Technology for Obtaining Homogeneous Site-Specific Conjugated Antibody-Drug Conjugates: Synthesis and Analytical Characterization by Using Complementary Middle-up LC/HRMS Analysis. <i>Analytical Chemistry</i> , 2020, 92, 8170-8177.	6.5	17
12	State-of-the-Art Native Mass Spectrometry and Ion Mobility Methods to Monitor Homogeneous Site-Specific Antibody-Drug Conjugates Synthesis. <i>Pharmaceuticals</i> , 2021, 14, 498.	3.8	16
13	EndoSd: an IgG glycan hydrolyzing enzyme in <i>Streptococcus dysgalactiae</i> subspecies <i>dysgalactiae</i> . <i>Future Microbiology</i> , 2016, 11, 721-736.	2.0	15
14	Antibody Conjugations via Glycosyl Remodeling. <i>Methods in Molecular Biology</i> , 2020, 2078, 131-145.	0.9	11
15	Generating and Purifying Fab Fragments from Human and Mouse IgG Using the Bacterial Enzymes IdeS, SpeB and Kgp. <i>Methods in Molecular Biology</i> , 2017, 1535, 319-329.	0.9	8
16	Multiple modes of action mediate the therapeutic effect of IVIg in experimental epidermolysis bullosa acquisita. <i>Journal of Investigative Dermatology</i> , 2021, .	0.7	4
17	Fast Afucosylation Profiling of Glycoengineered Antibody Subunits by Middle-Up Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2021, 2271, 73-83.	0.9	2
18	Mapping O-glycosylation Sites Using OpeRATOR and LC-MS. <i>Methods in Molecular Biology</i> , 2021, 2271, 155-167.	0.9	1