

Ulrika Westerlind

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,653
citations

304743

22
h-index

345221

36
g-index

42
all docs

42
docs citations

42
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	The mucin-selective protease StcE enables molecular and functional analysis of human cancer-associated mucins. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7278-7287.	7.1	186
2	The development of synthetic antitumour vaccines from mucin glycopeptide antigens. Chemical Society Reviews, 2013, 42, 4421.	38.1	184
3	A Synthetic Vaccine Consisting of a Tumor-Associated Sialyl-N-MUC1 Tandem Repeat Glycopeptide and Tetanus Toxoid: Induction of a Strong and Highly Selective Immune Response. Angewandte Chemie - International Edition, 2009, 48, 7551-7555.	13.8	135
4	Assignment of Saccharide Identities through Analysis of Oxonium Ion Fragmentation Profiles in LC-MS/MS of Glycopeptides. Journal of Proteome Research, 2014, 13, 6024-6032.	3.7	129
5	Synthetic Vaccines Consisting of Tumor-Associated MUC1 Glycopeptide Antigens and a Cell Epitope for the Induction of a Highly Specific Humoral Immune Response. Angewandte Chemie - International Edition, 2008, 47, 7551-7556.	13.8	105
6	Synthetic Antitumor Vaccines Containing MUC1 Glycopeptides with Two Immunodominant Domains Induction of a Strong Immune Response against Breast Tumor Tissues. Angewandte Chemie - International Edition, 2011, 50, 9977-9981.	13.8	90
7	Protective Epitope Discovery and Design of MUC1-based Vaccine for Effective Tumor Protections in Immunotolerant Mice. Journal of the American Chemical Society, 2018, 140, 16596-16609.	13.7	68
8	Tumor-Associated MUC1 Tandem Repeat Glycopeptide Microarrays to Evaluate Serum and Monoclonal Antibody Specificity. Angewandte Chemie - International Edition, 2009, 48, 8263-8267.	13.8	58
9	Effective Assignment of $\pm 2,3/\pm 2,6$ Sialic Acid Isomers by LC-MS/MS-Based Glycoproteomics. Angewandte Chemie - International Edition, 2018, 57, 9320-9324.	13.8	53
10	Preparation of Biomolecule Microstructures and Microarrays by Thiolene Photoimmobilization. ChemBioChem, 2010, 11, 235-247.	2.6	50
11	Glycopeptide-functionalized gold nanoparticles for antibody induction against the tumor associated mucin-1 glycoprotein. Bioorganic and Medicinal Chemistry, 2016, 24, 1132-1135.	3.0	46
12	Synthesis and Immunological Evaluation of Disaccharide Bearing MUC-1 Glycopeptide Conjugates with Virus-like Particles. ACS Chemical Biology, 2019, 14, 2176-2184.	3.4	46
13	Distinctive MS/MS Fragmentation Pathways of Glycopeptide-Generated Oxonium Ions Provide Evidence of the Glycan Structure. Chemistry - A European Journal, 2016, 22, 1114-1124.	3.3	43
14	Antitumor Humoral and T Cell Responses by Mucin-1 Conjugates of Bacteriophage Q β in Wild-type Mice. ACS Chemical Biology, 2018, 13, 1668-1676.	3.4	35
15	Synthetic glycopeptides and glycoproteins with applications in biological research. Beilstein Journal of Organic Chemistry, 2012, 8, 804-818.	2.2	31
16	Facile Chemoenzymatic Synthesis of O-Mannosyl Glycans. Angewandte Chemie - International Edition, 2018, 57, 9268-9273.	13.8	31
17	Microarray Analysis of Antibodies Induced with Synthetic Antitumor Vaccines: Specificity against Diverse Mucin Core Structures. Chemistry - A European Journal, 2017, 23, 3875-3884.	3.3	28
18	Protein O-Mannosylation in the Murine Brain: Occurrence of Mono-O-Mannosyl Glycans and Identification of New Substrates. PLoS ONE, 2016, 11, e0166119.	2.5	23

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19	Arrayed the post-translational glycoproteome (PTG). <i>Current Opinion in Chemical Biology</i> , 2014, 18, 62-69.	6.1	22
20	Antibody Induction Directed against the Tumor-Associated MUC4 Glycoprotein. <i>ChemBioChem</i> , 2015, 16, 959-967.	2.6	21
21	Synthesis and immunological evaluation of the unnatural β -linked mucin-1 Thomsen-Friedenreich conjugate. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2448-2455.	2.8	17
22	A Unified Strategy for the Synthesis of Mucin Cores 1-4 Saccharides and the Assembled Multivalent Glycopeptides. <i>Chemistry - A European Journal</i> , 2013, 19, 17001-17010.	3.3	16
23	Synthetic Vaccines from Tumor-Associated Glycopeptide Antigens. <i>Chimia</i> , 2011, 65, 30.	0.6	15
24	Glycopeptides and -Mimetics to Detect, Monitor and Inhibit Bacterial and Viral Infections: Recent Advances and Perspectives. <i>Molecules</i> , 2019, 24, 1004.	3.8	14
25	Synthesis of a Glycopeptide Vaccine Conjugate for Induction of Antibodies Recognizing α -Mannosyl Glycopeptides. <i>ChemBioChem</i> , 2014, 15, 939-945.	2.6	13
26	A Convergent Strategy for the Synthesis of Type 1 Elongated Mucin Cores 3 and the Corresponding Glycopeptides. <i>Chemistry - A European Journal</i> , 2014, 20, 7287-7299.	3.3	13
27	Induction of Antibodies Directed Against Branched Core α -Mannosyl Glycopeptides: Selectivity Complementary to the ConA Lectin. <i>Chemistry - A European Journal</i> , 2017, 23, 3466-3473.	3.3	12
28	Facile Chemoenzymatic Synthesis of α -Mannosyl Glycans. <i>Angewandte Chemie</i> , 2018, 130, 9412-9417.	2.0	6
29	Noncovalent microarrays from synthetic amino-terminating glycans: Implications in expanding glycan microarray diversity and platform comparison. <i>Glycobiology</i> , 2021, 31, 931-946.	2.5	6
30	Cover Picture: Tumor-Associated MUC1 Tandem-Repeat Glycopeptide Microarrays to Evaluate Serum- and Monoclonal-Antibody Specificity (<i>Angew. Chem. Int. Ed.</i> 44/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8151-8151.	13.8	3
31	Effective Assignment of β 2,3/ β 2,6-Sialic Acid Isomers by LC-MS/MS-Based Glycoproteomics. <i>Angewandte Chemie</i> , 2018, 130, 9464-9468.	2.0	1
32	Titelbild: Tumor-Associated MUC1 Tandem-Repeat Glycopeptide Microarrays to Evaluate Serum- and Monoclonal-Antibody Specificity (<i>Angew. Chem.</i> 44/2009). <i>Angewandte Chemie</i> , 2009, 121, 8297-8297.	2.0	0