

Horst Kunz

List of Publications by Year in descending order

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145
papers

8,330
citations

30070

54
h-index

60623

81
g-index

187
all docs

187
docs citations

187
times ranked

3754
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Glycopeptides Containing Carbohydrate and Peptide Recognition Motifs. <i>Chemical Reviews</i> , 2000, 100, 4495-4538.	47.7	320
2	The Allyl Group as Mildly and Selectively Removable Carboxy-Protecting Group for the Synthesis of Labile O-Glycopeptides. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 71-72.	4.4	198
3	High-efficiency synthesis of sialyloligosaccharides and sialoglycopeptides. <i>Journal of the American Chemical Society</i> , 1990, 112, 9308-9309.	13.7	198
4	The Allyloxycarbonyl (Aloc) Moiety? Conversion of an Unsuitable into a Valuable Amino Protecting Group for Peptide Synthesis. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 436-437.	4.4	196
5	The development of synthetic antitumor vaccines from mucin glycopeptide antigens. <i>Chemical Society Reviews</i> , 2013, 42, 4421.	38.1	184
6	Carbohydrates as Chiral Templates: Stereoselective Tandem Mannich-Michael Reactions for the Synthesis of Piperidine Alkaloids. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1067-1068.	4.4	137
7	Synthetic Antitumor Vaccines from Tetanus Toxoid Conjugates of MUC1 Glycopeptides with the Thomsen-Friedenreich Antigen and a Fluorine-Substituted Analogue. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8498-8503.	13.8	136
8	A Synthetic Vaccine Consisting of a Tumor-Associated Sialyl-TN-MUC1 Tandem Repeat Glycopeptide and Tetanus Toxoid: Induction of a Strong and Highly Selective Immune Response. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7551-7555.	13.8	135
9	Protecting-Group-Dependent Stability of Intersaccharide Bonds? Synthesis of a Fucosyl-Chitobiose Glycopeptide. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1697-1699.	4.4	133
10	A Fully Synthetic Vaccine Consisting of a Tumor-Associated Glycopeptide Antigen and a T-Cell Epitope for the Induction of a Highly Specific Humoral Immune Response. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7630-7635.	13.8	130
11	Solid-Phase Synthesis of a Tumor-Associated Sialyl-TN Antigen Glycopeptide with a Partial Sequence of the Tandem Repeat of the MUC-1 Mucin. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 618-621.	4.4	120
12	Towards the Development of Antitumor Vaccines: A Synthetic Conjugate of a Tumor-Associated MUC1 Glycopeptide Antigen and a Tetanus Toxin Epitope. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 366-369.	13.8	117
13	Synthetic Multivalent Glycopeptide-Lipopeptide Antitumor Vaccines: Impact of the Cluster Effect on the Killing of Tumor Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1699-1703.	13.8	117
14	Solid Phase Synthesis of Peptides and Glycopeptides on Polymeric Supports with Allylic Anchor Groups. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 711-713.	4.4	116
15	Synthetic Vaccines of Tumor-Associated Glycopeptide Antigens by Immune-Compatible Thioether Linkage to Bovine Serum Albumin. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5226-5230.	13.8	114
16	Fully Synthetic Vaccines Consisting of Tumor-Associated MUC1 Glycopeptides and a Lipopeptide Ligand of the Toll-Like Receptor...2. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3688-3692.	13.8	114
17	Self-Adjuvanting Synthetic Antitumor Vaccines from MUC1 Glycopeptides Conjugated to T-Cell Epitopes from Tetanus Toxoid. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6106-6110.	13.8	112
18	Multiple Sialyl Lewis X N-Glycopeptides: Effective Ligands for E-Selectin. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 321-324.	4.4	106

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19	Synthetic Vaccines Consisting of Tumor-Associated MUC1 Glycopeptide Antigens and a T-Cell Epitope for the Induction of a Highly Specific Humoral Immune Response. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7551-7556.	13.8	105
20	Synthesis of Tumor-Associated Glycopeptide Antigens. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3085-3112.	3.0	104
21	Synthesis of O-Glycopeptides of the Tumor-Associated TN- and T-Antigen Type and Their Binding to Bovine Serum Albumin. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 360-362.	4.4	99
22	HYCRON, an Allylic Anchor for High-Efficiency Solid Phase Synthesis of Protected Peptides and Glycopeptides. <i>Journal of Organic Chemistry</i> , 1997, 62, 813-826.	3.2	99
23	Allylester als selektiv abspaltbare Carboxyschutzgruppen in der Peptid- und Glycopeptidsynthese. <i>Liebigs Annalen Der Chemie</i> , 1983, 1983, 1712-1725.	0.8	94
24	Synthetic Antitumor Vaccines Containing MUC1 Glycopeptides with Two Immunodominant Domains-Induction of a Strong Immune Response against Breast Tumor Tissues. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9977-9981.	13.8	90
25	Synthetic Vaccines Consisting of Tumor-Associated MUC1 Glycopeptide Antigens and Bovine Serum Albumin. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7624-7630.	13.8	89
26	Enantioselective Syntheses of 2-Alkyl-, 2,6-Dialkylpiperidines and Indolizidine Alkaloids Through Diastereoselective Mannich-Michael Reactions. <i>Synthesis</i> , 1997, 1997, 1151-1160.	2.3	88
27	Variation of the Glycosylation Pattern in MUC1 Glycopeptide BSA Vaccines and Its Influence on the Immune Response. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1719-1723.	13.8	88
28	Carbohydrates as chiral templates: Stereoselective Strecker synthesis of D- and L- amino nitriles and acids using O-pivaloylated D-galactosylamine as the auxiliary. <i>Liebigs Annalen Der Chemie</i> , 1991, 1991, 649-654.	0.8	87
29	Fully Synthetic Self-Adjuvanting Thioether-Conjugated Glycopeptide-Lipopeptide Antitumor Vaccines for the Induction of Complement-Dependent Cytotoxicity against Tumor Cells. <i>Chemistry - A European Journal</i> , 2013, 19, 1962-1970.	3.3	86
30	Water-Soluble Polymers Coupled with Glycopeptide Antigens and T-Cell Epitopes as Potential Antitumor Vaccines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10652-10656.	13.8	83
31	Synthesis of Deoxy Sialyl Lewis X Analogues, Potential Selectin Antagonists. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2096-2098.	4.4	82
32	A Novel Allylic Anchor for Solid-Phase Synthesis-Synthesis of Protected and Unprotected O-Glycosylated Mucin-Type Glycopeptides. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 803-805.	4.4	82
33	Synthesis of Glycopeptides with Partial Structure of Human Glycophorin Using the Fluorenylmethoxycarbonyl/ Allyl Ester Protecting Group Combination. <i>Synlett</i> , 1991, 1991, 593-595.	1.8	81
34	Synthesis of an RGD-Sialyl-Lewis X Glycoconjugate: A New Highly Active Ligand for P-Selectin**. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 990-993.	4.4	80
35	Synthesis and Structural Model of an (2,6)-Sialyl-T Glycosylated MUC1 Eicosapeptide under Physiological Conditions. <i>Chemistry - A European Journal</i> , 2006, 12, 4981-4993.	3.3	80
36	Biomimetic Synthesis of the Tumor-Associated (2,3)-Sialyl-T Antigen and Its Incorporation into Glycopeptide Antigens from the Mucins MUC1 and MUC4. <i>Chemistry - A European Journal</i> , 2004, 10, 4150-4162.	3.3	75

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37	Synthetic O-glycopeptides as model substrates for glycosyltransferases. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1205-1220.	1.8	73
38	Enantioselective Organocatalysis of Strecker and Mannich Reactions Based on Carbohydrates. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 417-424.	4.3	72
39	Synthesis of glycopeptides with the TN and T antigen structures, and their coupling to bovine serum albumin. <i>Carbohydrate Research</i> , 1990, 202, 207-223.	2.3	70
40	Der Allyloxycarbonyl(alloc)-Rest " die Verwandlung einer untauglichen in eine wertvolle Aminoschutzgruppe für die Peptidsynthese. <i>Angewandte Chemie</i> , 1984, 96, 426-427.	2.0	66
41	Emil Fischer "Unequalled Classicist, Master of Organic Chemistry Research, and Inspired Trailblazer of Biological Chemistry. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4439-4451.	13.8	63
42	Kohlenhydrate als chirale Matrices: Stereoselektive Tandem-Mannich-Michael-Reaktionen zur Synthese von Piperidin-Alkaloiden. <i>Angewandte Chemie</i> , 1989, 101, 1041-1042.	2.0	62
43	Synthetic Glycopeptides from the Mucin Family as Potential Tools in Cancer Immunotherapy. <i>Current Cancer Drug Targets</i> , 2006, 6, 491-517.	1.6	59
44	Thep-Nitrocinnamylloxycarbonyl(Noc) Moiety "an Acid-stable Amino-protecting Group Removable under Neutral Conditions for Peptide and Glycopeptide Synthesis. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1375-1377.	4.4	58
45	Tumor-Associated MUC1 Tandem-Repeat Glycopeptide Microarrays to Evaluate Serum- and Monoclonal-Antibody Specificity. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8263-8267.	13.8	58
46	Synthese von O-Glycopeptiden des tumorassoziierten T _N - und T-Antigen-Typs und deren Anknüpfung an Rinderserumalbumin. <i>Angewandte Chemie</i> , 1986, 98, 354-355.	2.0	57
47	A Fully Synthetic Four-Component Antitumor Vaccine Consisting of a Mucin Glycopeptide Antigen Combined with Three Different T-Helper-Cell Epitopes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14245-14249.	13.8	57
48	Towards a Fully Synthetic MUC1-Based Anticancer Vaccine: Efficient Conjugation of Glycopeptides with Mono-, Di-, and Tetravalent Lipopeptides Using Click Chemistry. <i>Chemistry - A European Journal</i> , 2011, 17, 6396-6406.	3.3	56
49	O-Glycopeptidsynthese unter Verwendung von 9-Fluorenylmethoxycarbonyl(Fmoc)-geschützten Bausteinen. <i>Angewandte Chemie</i> , 1983, 95, 64-64.	2.0	55
50	Synthesis of tumor-associated glycopeptide antigens for the development of tumor-selective vaccines. <i>Chemical Record</i> , 2004, 3, 308-321.	5.8	54
51	Enantioselective Strecker Reaction Catalyzed by an Organocatalyst Lacking a Hydrogen-Bond Donor Function. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9339-9341.	13.8	54
52	A Synthetic Glycopeptide Vaccine for the Induction of a Monoclonal Antibody that Differentiates between Normal and Tumor Mammary Cells and Enables the Diagnosis of Human Pancreatic Cancer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2894-2898.	13.8	53
53	O-Glycopeptide Synthesis using 9-Fluorenylmethoxycarbonyl (Fmoc)-Protected Synthetic Units. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 62-63.	4.4	51
54	Construction of Disaccharide N-Glycopeptides? Synthesis of the Linkage Region of the Transmembrane-Neuraminidase of an Influenza Virus. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 883-885.	4.4	51

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55	Effects of glycosylation on fragments of tumour associated human epithelial mucin MUC1. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 1531-1545.	3.0	51
56	Synthesis and Biological Evaluation of a Multiantigenic Tn/TF-Containing Glycopeptide Mimic of the Tumor-Related MUC1 Glycoprotein. <i>ChemMedChem</i> , 2006, 1, 965-968.	3.2	51
57	Preparation of Biomolecule Microstructures and Microarrays by Thiol-ene Photoimmobilization. <i>ChemBioChem</i> , 2010, 11, 235-247.	2.6	50
58	Carbohydrate Scaffolds for Combinatorial Syntheses That Allow Selective Deprotection of All Four Positions Independent of the Sequence. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1104-1107.	13.8	49
59	Stereoselective synthesis of glycosides and anomeric azides of glucosamine. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , 1992, 334, 570-578.	0.5	47
60	CpG-Loaded Multifunctional Cationic Nanohydrogel Particles as Self-Adjuvanting Glycopeptide Antitumor Vaccines. <i>Advanced Healthcare Materials</i> , 2015, 4, 522-527.	7.6	46
61	Glycopeptide-functionalized gold nanoparticles for antibody induction against the tumor associated mucin-1 glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1132-1135.	3.0	46
62	Synthesis of Tn/T Antigen MUC1 Glycopeptide BSA Conjugates and Their Evaluation as Vaccines. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3685-3689.	2.4	45
63	A Synthetic MUC1 Anticancer Vaccine Containing Mannose Ligands for Targeting Macrophages and Dendritic Cells. <i>ChemMedChem</i> , 2018, 13, 25-29.	3.2	45
64	Chemoenzymatic-Chemical Synthesis of a (2-3)-Sialyl T Threonine Building Block and Its Application to the Synthesis of the N-Terminal Sequence of Leukemia-Associated Leukosialin (CD 43). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2292-2295.	13.8	44
65	Solid-Phase Synthesis of a Sialyl-Tn-Glycoundecapeptide of the MUC1 Repeating Unit. <i>Helvetica Chimica Acta</i> , 1997, 80, 1473-1482.	1.6	42
66	Allyl ester as temporary protecting group for the β -carboxy function of aspartic acid. <i>International Journal of Peptide and Protein Research</i> , 1985, 26, 493-497.	0.1	41
67	A Fully Synthetic Glycopeptide Antitumor Vaccine Based on Multiple Antigen Presentation on a Hyperbranched Polymer. <i>Chemistry - A European Journal</i> , 2014, 20, 4232-4236.	3.3	41
68	Polymeric Selectin Ligands Mimicking Complex Carbohydrates: From Selectin Binders to Modifiers of Macrophage Migration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1416-1421.	13.8	41
69	Synthesis of sialyl-Tn antigen. Regioselective sialylation of a galactosamine threonine conjugate unblocked in the carbohydrate portion. <i>Tetrahedron Letters</i> , 1994, 35, 8777-8778.	1.4	40
70	Festphasensynthese eines tumorassoziierten Sialyl-Tn-Antigen-Glycopeptids mit einer Partialsequenz aus dem Tandem-Repeat des MUC1-Mucins. <i>Angewandte Chemie</i> , 1997, 109, 629-631.	2.0	39
71	Auxiliary-controlled stereoselective enolate protonation: Enantioselective synthesis of cis and trans annulated decahydroquinoline alkaloids. <i>Tetrahedron Letters</i> , 1998, 39, 7835-7838.	1.4	39
72	Saccharide-Induced Peptide Conformation in Glycopeptides of the Recognition Region of LI-Cadherin. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 454-458.	13.8	39

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73	Enzymatic glycosylation of o-glycopeptides. Tetrahedron Letters, 1992, 33, 5319-5322.	1.4	37
74	Chemoenzymatic synthesis of O-glycopeptides carrying the tumor associated TN-antigen structure. Bioorganic and Medicinal Chemistry, 1993, 1, 197-207.	3.0	37
75	The (2-Phenyl-2-trimethylsilyl)ethyl-(PTMSEL)-Linker in the Synthesis of Glycopeptide Partial Structures of Complex Cell Surface Glycoproteins. Chemistry - A European Journal, 2003, 9, 6018-6030.	3.3	36
76	Synthesis of N-Glycopeptide Clusters with Lewis X Antigen Side Chains and Their Coupling to Carrier Proteins. Angewandte Chemie International Edition in English, 1994, 33, 101-103.	4.4	35
77	Ein neuer allylischer Anker für die Festphasensynthese von geschützten und ungeschützten O-Glycopeptiden des Mucintyps. Angewandte Chemie, 1995, 107, 901-904.	2.0	35
78	The (2-Phenyl-2-trimethylsilyl)ethyl (PTMSEL) Linker – A Novel Linker for the Solid-Phase Synthesis of Protected Peptides and Glycopeptides Cleavable with Fluoride This work was supported by the Volkswagen-Stiftung and by the Fonds der Chemischen Industrie. M.W. is grateful for a fellowship of the Boehringer-Ingelheim-Stiftung. Angewandte Chemie - International Edition, 2002, 41, 317.	13.8	35
79	Stereoselective Synthesis of Enantiomerically Pure Piperidine Derivatives by N-Galactosylation of Pyridones. European Journal of Organic Chemistry, 2004, 2004, 3346-3360.	2.4	35
80	Total Synthesis of the Glycopeptide Recognition Domain of the E-Selectin Glycoprotein Ligand...1. Angewandte Chemie - International Edition, 2008, 47, 3445-3449.	13.8	35
81	Multiple Sialyl Lewis X – N-Glycopeptide: Effektive Liganden für E-Selectin. Angewandte Chemie, 1996, 108, 359-362.	2.0	33
82	Inhibitors of Inducible NO Synthase Expression: Total Synthesis of Curvularin and Its Ring Homologues. ChemMedChem, 2008, 3, 924-939.	3.2	33
83	N-Glycosyl Amides: Removal of the Anomeric Protecting Group and Conversion into Glycosyl Donors. Angewandte Chemie - International Edition, 2003, 42, 3174-3176.	13.8	32
84	Synthetic Glycopeptides from the E-Selectin Ligand...1 with Varied Sialyl Lewis X Structure as Cell-Adhesion Inhibitors of E-Selectin. Angewandte Chemie - International Edition, 2007, 46, 2108-2111.	13.8	32
85	Protein kinase CK2 governs the molecular decision between encephalitogenic T _H 17 cell and T _{reg} cell development. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10145-10150.	7.1	32
86	Solid-phase synthesis of a glycopeptide from the homophilic recognition domain of epithelial cadherin 1 using a O-pentafluorophenyluronium salt. Tetrahedron Letters, 1998, 39, 265-268.	1.4	31
87	Synthetic Glycopeptides for the Development of Antitumour Vaccines. Australian Journal of Chemistry, 2003, 56, 519.	0.9	31
88	Synthese von Desoxy-Sialyl Lewis X-Analoga, potentiellen Selectin-Antagonisten. Angewandte Chemie, 1994, 106, 2186-2188.	2.0	30
89	Stereoselective Synthesis of Enantiomerically Pure Nupharamine Alkaloids from Castoreum. Angewandte Chemie - International Edition, 2009, 48, 2228-2230.	13.8	30
90	Synthetic glycopeptides for the development of tumour-selective vaccines. Journal of Peptide Science, 2003, 9, 563-573.	1.4	29

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91	Sulfated and Non-Sulfated Glycopeptide Recognition Domains of E-Selectin Glycoprotein Ligand 1 and their Binding to E-Selectin. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3174-3178.	13.8	29
92	D-Glucose as a Pentavalent Chiral Scaffold. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1527-1536.	2.4	28
93	Microarray Analysis of Antibodies Induced with Synthetic Antitumor Vaccines: Specificity against Diverse Mucin Core Structures. <i>Chemistry - A European Journal</i> , 2017, 23, 3875-3884.	3.3	28
94	Synthetic Inhibitors of Cell Adhesion: A Glycopeptide from E-Selectin Ligand 1 (ESL-1) with the Arabino Sialyl Lewis X Structure. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3836-3839.	13.8	25
95	d-Glucose as a multivalent chiral scaffold for combinatorial chemistry. <i>Carbohydrate Research</i> , 2002, 337, 2089-2110.	2.3	25
96	Chemical and Chemoenzymatic Synthesis of Glycopeptide Selectin Ligands Containing Sialyl Lewis X Structures. <i>ChemBioChem</i> , 2010, 11, 904-930.	2.6	25
97	Glycosyl Amino Acids through Hydroboration-Cross-Coupling of exo-Glycals and Their Application in Automated Solid-Phase Synthesis. <i>Chemistry - A European Journal</i> , 2013, 19, 7020-7041.	3.3	25
98	Spacer-separated sialyl Lewis X cyclopeptide conjugates as potential E-selectin ligands. <i>Carbohydrate Research</i> , 2007, 342, 541-557.	2.3	24
99	Fluorenylmethoxycarbonyl-N-methylamino Acids Synthesized in a Flow Tube-in-Tube Reactor with a Liquid-Liquid Semipermeable Membrane. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4509-4513.	2.4	24
100	Immunization with a Synthetic Human MUC1 Glycopeptide Vaccine against Tumor-Associated MUC1 Breaks Tolerance in Human MUC1 Transgenic Mice. <i>ChemMedChem</i> , 2017, 12, 1424-1428.	3.2	24
101	Stereoselective Synthesis of Benzomorphan Derivatives with Perpivaloylated Galactose as the Chiral Auxiliary. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2623-2626.	13.8	22
102	Der p-Nitrocinnamyloxycarbonyl(Noc)-Rest "eine stabile, unter neutralen Bedingungen entfernbare Aminoschutzgruppe für Peptid- und Glycopeptidsynthesen. <i>Angewandte Chemie</i> , 1988, 100, 1424-1425.	2.0	21
103	Antibody Induction Directed against the Tumor-Associated MUC4 Glycoprotein. <i>ChemBioChem</i> , 2015, 16, 959-967.	2.6	21
104	Immunogenicity of a Fully Synthetic MUC1 Glycopeptide Antitumor Vaccine Enhanced by Poly(I:C) as a TLR3-Activating Adjuvant. <i>ChemMedChem</i> , 2017, 12, 722-727.	3.2	21
105	Cyclodextrin-assisted Glycan Chain Extension on a Protected Glycosyl Amino Acid. <i>Tetrahedron</i> , 2000, 56, 5865-5869.	1.9	20
106	Stereoselective syntheses of piperidinones and their modification by organometallic coupling reactions. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 349-354.	2.8	20
107	Carbohydrate Auxiliaries in Stereoselective Syntheses of Decahydroquinoline Alkaloids. <i>Monatshefte für Chemie</i> , 2002, 133, 571-587.	1.8	19
108	Evaluation of a novel monoclonal antibody against tumor-associated MUC1 for diagnosis and prognosis of breast cancer. <i>International Journal of Medical Sciences</i> , 2019, 16, 1188-1198.	2.5	19

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109	Regio- and Stereoselective Addition of Grignard Reagents to N-Galactosyl-2-Pyridone: Synthesis of 4-Substituted 5,6-Didehydro-2-piperidinones. <i>Synlett</i> , 2001, 2001, 1569-1570.	1.8	17
110	Combinatorial synthesis of amino acid- and peptide-carbohydrate conjugates on solid phase. <i>Tetrahedron</i> , 2004, 60, 8613-8626.	1.9	17
111	Palladium-catalysed C-C coupling reactions in the enantioselective synthesis of 2,4-disubstituted 4,5-dehydropiperidines using galactosylamine as a stereodifferentiating auxiliary. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 529-539.	1.8	17
112	Natural Product and Material Chemistries "Separated Forever?". <i>Journal of the American Chemical Society</i> , 2013, 135, 8764-8769.	13.7	16
113	Specificity of human natural antibodies referred to as anti-Tn. <i>Molecular Immunology</i> , 2020, 120, 74-82.	2.2	16
114	Synthesis of ?-fucosyl glycosides and disaccharides using 4-methoxybenzyl (Mpm) protected fucosyl donors. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , 1992, 334, 579-583.	0.5	15
115	Synthese von N-Glycopeptid-Clustern mit Lewis-antigen-Seitenketten und deren Bindung an Trägerproteine. <i>Angewandte Chemie</i> , 1994, 106, 87-89.	2.0	15
116	Oligosaccharide Synthesis via Electrophile-Induced Activation of Glycosyl-N-Allylcarbamates. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 759-776.	1.1	15
117	Desymmetrization Reactions on 4-Pyridone Using Carbohydrate Templates. <i>Synlett</i> , 1998, 1998, 989-990.	1.8	15
118	Synthesis of TN and T Antigen Glycopeptide Sequences of tumor-associated MUC-1 using S-pent-4-enyl thioglycosides. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , 1997, 339, 322-334.	0.5	14
119	Synthetic MUC1 Antitumor Vaccine Candidates with Varied Glycosylation Pattern Bearing <i>configured Pam₃CysSerLys₄</i> . <i>ChemBioChem</i> , 2016, 17, 1412-1415.	2.6	13
120	Synthetic MUC1 Antitumor Vaccine with Incorporated 2,3-Sialyl Carbohydrate Antigen Inducing Strong Immune Responses with Isotype Specificity. <i>ChemBioChem</i> , 2018, 19, 1142-1146.	2.6	13
121	The Development of Vaccines from Synthetic Tumor-Associated Mucin Glycopeptides and their Glycosylation-Dependent Immune Response. <i>Chemical Record</i> , 2021, 21, 3313-3331.	5.8	13
122	Regioselective Glycosylation of Glucosamine and Galactosamine Derivates Using O-Pivaloyl Galactosyl Donors. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003, 58, 764-774.	0.7	12
123	(p-Sulfomethyl)phenylalanine as a mimic of O-sulfatyl-tyrosine in synthetic partial sequences of P-Selectin glycoprotein ligand 1 (PSGL-1). <i>Tetrahedron</i> , 2007, 63, 6423-6436.	1.9	12
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