

Morten Meldal

List of Publications by Year in descending order

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273
papers

21,439
citations

34016

52
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140
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339
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339
docs citations

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times ranked

17346
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#	ARTICLE	IF	CITATIONS
1	Peptidotriazoles on Solid Phase: [1,2,3]-Triazoles by Regiospecific Copper(I)-Catalyzed 1,3-Dipolar Cycloadditions of Terminal Alkynes to Azides. <i>Journal of Organic Chemistry</i> , 2002, 67, 3057-3064.	1.7	7,594
2	Cu-Catalyzed Azide-Alkyne Cycloaddition. <i>Chemical Reviews</i> , 2008, 108, 2952-3015.	23.0	4,049
3	Pega: a flow stable polyethylene glycol dimethyl acrylamide copolymer for solid phase synthesis.. <i>Tetrahedron Letters</i> , 1992, 33, 3077-3080.	0.7	331
4	Polymer "Clicking" by CuAAC Reactions. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1016-1051.	2.0	320
5	Internally quenched fluorescent peptide substrates disclose the subsite preferences of human caspases 1, 3, 6, 7 and 8. <i>Biochemical Journal</i> , 2000, 350, 563-568.	1.7	283
6	A comparative study of the physicochemical properties of iron isomaltoside 1000 (Monofer®), a new intravenous iron preparation and its clinical implications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 78, 480-491.	2.0	220
7	Extensive comparison of the substrate preferences of two subtilisins as determined with peptide substrates which are based on the principle of intramolecular quenching. <i>Biochemistry</i> , 1992, 31, 6011-6018.	1.2	161
8	Anthranilamide and nitrotyrosine as a donor-acceptor pair in internally quenched fluorescent substrates for endopeptidases: Multicolumn peptide synthesis of enzyme substrates for subtilisin carlsberg and pepsin. <i>Analytical Biochemistry</i> , 1991, 195, 141-147.	1.1	159
9	Combinatorial Library of Peptidotriazoles: Identification of [1,2,3]-Triazole Inhibitors against a Recombinant <i>Leishmania mexicana</i> Cysteine Protease. <i>ACS Combinatorial Science</i> , 2004, 6, 312-324.	3.3	147
10	SPOCC: A Resin for Solid-Phase Organic Chemistry and Enzymatic Reactions on Solid Phase. <i>Journal of the American Chemical Society</i> , 1999, 121, 5459-5466.	6.6	142
11	Recent Fascinating Aspects of the CuAAC Click Reaction. <i>Trends in Chemistry</i> , 2020, 2, 569-584.	4.4	140
12	POEPOP and POEPS: Inert polyethylene glycol crosslinked polymeric supports for solid synthesis. <i>Tetrahedron Letters</i> , 1996, 37, 6185-6188.	0.7	122
13	Synthesis, characterization and biocompatibility of PEGA resins. <i>Journal of Peptide Science</i> , 1995, 1, 31-44.	0.8	105
14	Molecular Recognition of a Salmonella Trisaccharide Epitope by Monoclonal Antibody Se155-4. <i>Biochemistry</i> , 1994, 33, 5172-5182.	1.2	99
15	Substrate preferences of glutamic-acid-specific endopeptidases assessed by synthetic Peptide Substrates based on intramolecular fluorescence quenching. <i>FEBS Journal</i> , 1992, 206, 103-107.	0.2	97
16	A PEGA resin for use in the solid-phase chemical enzymatic synthesis of glycopeptides. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, .	2.0	97
17	Maintaining Biological Activity by Using Triazoles as Disulfide Bond Mimetics. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5204-5206.	7.2	94
18	Fluorescence-Quenched Solid Phase Combinatorial Libraries in the Characterization of Cysteine Protease Substrate Specificity. <i>ACS Combinatorial Science</i> , 1999, 1, 509-523.	3.3	92

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19	Characterization of the substrate specificity of the major cysteine protease (cruzipain) from <i>Trypanosoma cruzi</i> using a portion-mixing combinatorial library and fluorogenic peptides. <i>Biochemical Journal</i> , 1997, 323, 427-433.	1.7	90
20	Novel sequential solid-phase synthesis of N-linked glycopeptides from natural sources. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 549-560.	0.9	89
21	High Capacity Poly(ethylene glycol) Based Amino Polymers for Peptide and Organic Synthesis. <i>QSAR and Combinatorial Science</i> , 2004, 23, 662-673.	1.5	89
22	Internally quenched fluorescent peptide substrates disclose the subsite preferences of human caspases 1, 3, 6, 7 and 8. <i>Biochemical Journal</i> , 2000, 350, 563.	1.7	88
23	Physical Properties of Poly(ethylene glycol) (PEG)-Based Resins for Combinatorial Solid Phase Organic Chemistry: A Comparison of PEG-Cross-Linked and PEG-Grafted Resins. <i>ACS Combinatorial Science</i> , 2000, 2, 108-119.	3.3	86
24	Glycopeptide and Oligosaccharide Libraries. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1162-1179.	7.2	84
25	Azido Acids in a Novel Method of Solid-Phase Peptide Synthesis.. <i>Tetrahedron Letters</i> , 1997, 38, 2531-2534.	0.7	78
26	Spectroscopic and Protein Chemical Analyses Demonstrate the Presence of C-Mannosylated Tryptophan in Intact Human RNase 2 and Its Isoforms. <i>Biochemistry</i> , 1996, 35, 12005-12014.	1.2	77
27	A general approach to the synthesis of O- and N-linked glycopeptides. <i>Glycoconjugate Journal</i> , 1994, 11, 59-63.	1.4	76
28	Oligosaccharide Mimetics Obtained by Novel, Rapid Screening of Carboxylic Acid Encoded Glycopeptide Libraries. <i>Journal of the American Chemical Society</i> , 1998, 120, 13312-13320.	6.6	76
29	Epitope affinity for MHC class I determines helper requirement for CTL priming. <i>Nature Immunology</i> , 2000, 1, 145-150.	7.0	76
30	The one-bead two-compound assay for solid phase screening of combinatorial libraries. <i>Biopolymers</i> , 2002, 66, 93-100.	1.2	75
31	Solid-Phase Intramolecular N-Acyliminium Pictet-Spengler Reactions as Crossroads to Scaffold Diversity. <i>Journal of Organic Chemistry</i> , 2004, 69, 3765-3773.	1.7	75
32	Peptidotriazoles: Copper(I)-Catalyzed 1,3-Dipolar Cycloadditions on Solid-Phase. , 2001, , 263-264.		74
33	Solid Phase Combinatorial Library of Phosphinic Peptides for Discovery of Matrix Metalloproteinase Inhibitors. <i>ACS Combinatorial Science</i> , 2000, 2, 624-638.	3.3	72
34	PEGA supports for combinatorial peptide synthesis and solid-phase enzymatic library assays. <i>Journal of Peptide Science</i> , 1998, 4, 195-210.	0.8	69
35	Peptide synthesis. Part 12. 3,4-Dihydro-4-oxo-1,2,3-benzotriazin-3-yl esters of fluorenylmethoxycarbonyl amino acids as self-indicating reagents for solid phase peptide synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988, , 2887.	0.9	68
36	Synthesis of glycopeptide sequences of repeating units of the mucins MUC 2 and MUC 3 containing oligosaccharide side-chains with core 1, core 2, core 3, core 4 and core 6 structure. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 2359-2368.	0.9	68

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37	Pentafluorophenyl esters for the temporary protection of the $\hat{\pm}$ -carboxy group in solid phase glycopeptide synthesis. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 483-485.	2.0	66
38	Expression and characterization of a recombinant cysteine proteinase of <i>Leishmania mexicana</i> . <i>Biochemical Journal</i> , 2000, 347, 383-388.	1.7	66
39	Pentafluorophenyl esters for temporary carboxyl group protection in solid phase synthesis of N-linked glycopeptides.. <i>Tetrahedron Letters</i> , 1990, 31, 6987-6990.	0.7	65
40	$\hat{\pm}$ -Ketocarbonyl Peptides: A General Approach to Reactive Resin-Bound Intermediates in the Synthesis of Peptide Isosteres for Protease Inhibitor Screening on Solid Support. <i>Journal of the American Chemical Society</i> , 2001, 123, 2176-2181.	6.6	65
41	UDPgalactose:glycoprotein-N-acetyl-d-galactosamine 3-beta-d-galactosyltransferase activity synthesizing O-glycan core 1 is controlled by the amino acid sequence and glycosylation of glycopeptide substrates. <i>FEBS Journal</i> , 1994, 221, 1039-1046.	0.2	64
42	T cell recognition of Tn-glycosylated peptide antigens. <i>European Journal of Immunology</i> , 1996, 26, 1342-1349.	1.6	63
43	[6] Properties of solid supports. <i>Methods in Enzymology</i> , 1997, 289, 83-104.	0.4	60
44	Isomerization of D-Glucose with Glucose-isomerase. A Mechanistic Study.. <i>Acta Chemica Scandinavica</i> , 1983, 37b, 101-108.	0.7	60
45	Peptide synthesis. Part 13. Feedback control in solid phase synthesis. Use of fluorenylmethoxycarbonyl amino acid 3,4-dihydro-4-oxo-1,2,3-benzotriazin-3-yl esters in a fully automated system. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988, , 2895.	0.9	59
46	Multiple-column solid-phase glycopeptide synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 1163.	0.9	59
47	Solid-Phase Synthesis of Pyrroloisoquinolines via the Intramolecular N-Acyliminium Pictetâ€™Spengler Reaction. <i>ACS Combinatorial Science</i> , 2005, 7, 599-610.	3.3	59
48	Solid-Phase Synthesis of Bicyclic Dipeptide Mimetics by Intramolecular Cyclization of Alcohols, Thiols, Amines, and Amides with N-Acyliminium Intermediates. <i>Organic Letters</i> , 2005, 7, 3601-3604.	2.4	58
49	Rational Tuning of Fluorobenzene Probes for Cysteineâ€™selective Protein Modification. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8022-8026.	7.2	58
50	A New Strategy for Solid-Phase Synthesis of O-Glycopeptides. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 857-859.	4.4	57
51	The active ester N-fmoc-3-O-[Ac4- $\hat{\pm}$ -D-Manp-(1 $\hat{\pm}$ 2)-Ac3- $\hat{\pm}$ -D-Manp-1-]=thre-O-Pfp as a building block in solid-phase synthesis of an o-linked dimannosyl glycopeptide.. <i>Tetrahedron Letters</i> , 1990, 31, 6991-6994.	0.7	56
52	Novel Type of Rigid C-Linked Glycosylacetyleneâ€™Phenylalanine Building Blocks for Combinatorial Synthesis of C-linked Glycopeptides. <i>Journal of Organic Chemistry</i> , 1998, 63, 9657-9668.	1.7	56
53	Multiple column peptide synthesis, Part 2 (1, 2). <i>International Journal of Peptide and Protein Research</i> , 1993, 41, 250-260.	0.1	55
54	Efficient syntheses of core 1, core 2, and core 3 and core 4 building blocks for SPS of mucin O-glycopeptides based on the N-Dts-method. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 985.	0.9	54

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55	Small-scale solid-phase O-glycopeptide synthesis of linear and cyclized hexapeptides from blood-clotting factor IX containing O-(1-D-Xyl-1'3-1-D-Xyl-1'3-1-D-Glc)-L-ser. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 925-932.	0.9	52
56	Recent developments in glycopeptide and oligosaccharide synthesis. <i>Current Opinion in Structural Biology</i> , 1994, 4, 710-718.	2.6	52
57	Green Catalysts: Solid-Phase Peptide Carbene Ligands in Aqueous Transition-Metal Catalysis. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5244-5253.	1.2	52
58	Attachment of oligosaccharides to peptide antigen profoundly affects binding to major histocompatibility complex class II molecules and peptide immunogenicity. <i>European Journal of Immunology</i> , 1994, 24, 1066-1072.	1.6	51
59	Synthesis of the glycosyl amino acids N-Fmoc-Ser[Ac4-1 ² -d-Gal p-(1' 3)-Ac2-1 ² -d-GalN3 p]-OPfp and N-Fmoc-Thr[Ac4-1 ² -d-Gal p-(1' 3)-Ac2-1 ² -d-GalN3 p]-OPfp and the application in the solid-phase peptide synthesis of multiply glycosylated mucin peptides with Tn and T antigenic structures. <i>Carbohydrate Research</i> , 1995, 268, 17-34.	1.1	51
60	Direct visualization of enzyme inhibitors using a portion mixing inhibitor library containing a quenched fluorogenic peptide substrate. Part 1. Inhibitors for subtilisin Carlsberg. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 1591.	0.9	51
61	Synthetic methods of glycopeptide assembly, and biological analysis of glycopeptide products. <i>Current Opinion in Chemical Biology</i> , 1997, 1, 552-563.	2.8	51
62	Glycosylation of phenols: preparation of 1,2-cis and 1,2-trans glycosylated tyrosine derivatives to be used in solid-phase glycopeptide synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 2119.	0.9	50
63	Specificity of O-glycosylation by bovine colostrum UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase using synthetic glycopeptide substrates. <i>Glycoconjugate Journal</i> , 1996, 13, 849-856.	1.4	50
64	Substrate Specificity of Barley Cysteine Endoproteases EP-A and EP-B1. <i>Plant Physiology</i> , 1998, 117, 255-261.	2.3	50
65	Lectin Domains of Polypeptide GalNAc Transferases Exhibit Glycopeptide Binding Specificity. <i>Journal of Biological Chemistry</i> , 2011, 286, 32684-32696.	1.6	50
66	Solid-Phase Synthesis of Tetrahydro-1 ² -carbolines and Tetrahydroisoquinolines by Stereoselective Intramolecular N-Carbamyliminium Pictet-Spengler Reactions. <i>Chemistry - A European Journal</i> , 2006, 12, 8056-8066.	1.7	49
67	The conformation of Salmonella O-antigenic oligosaccharides of serogroups A, B, and D1 inferred from 1H- and 13C-nuclear magnetic resonance spectroscopy. <i>Carbohydrate Research</i> , 1984, 130, 35-53.	1.1	48
68	The conformation of Salmonella O-antigenic polysaccharide chains of serogroups A, B, and D1 predicted by semi-empirical, hard-sphere (HSEA) calculations. <i>Carbohydrate Research</i> , 1984, 130, 23-34.	1.1	48
69	A Solid-Phase Approach to Mouse Melanocortin Receptor Agonists Derived from a Novel Thioether Cyclized Peptidomimetic Scaffold. <i>Journal of the American Chemical Society</i> , 2002, 124, 11046-11055.	6.6	48
70	Recent advances in covalent, site-specific protein immobilization. <i>F1000Research</i> , 2016, 5, 2303.	0.8	48
71	Protected-mode synthesis of N-linked glycopeptides: single-step preparation of building blocks as peracetyl glycosylated N-Fmoc asparagine OPfp esters. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1461-1471.	0.9	47
72	Processing of glycans on glycoprotein and glycopeptide antigens in antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9611-9613.	3.3	47

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73	Efficient Solid-Phase Synthesis of Peptide-Based Phosphine Ligands: Towards Combinatorial Libraries of Selective Transition Metal Catalysts. <i>Chemistry - A European Journal</i> , 2005, 11, 4121-4131.	1.7	47
74	Self-indicating activated esters for use in solid phase peptide synthesis. Fluorenylmethoxycarbonylamino acid derivatives of 3-hydroxy-4-oxodihydrobenzotriazine. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1763.	2.0	46
75	Inhibition of cruzipain visualized in a fluorescence quenched solid-phase inhibitor library assay. D-Amino Acid Inhibitors for cruzipain, cathepsin B and cathepsin L. , 1998, 4, 83-91.		46
76	Solid-Phase Library Synthesis, Screening, and Selection of Tight-Binding Reduced Peptide Bond Inhibitors of a Recombinant <i>Leishmania mexicana</i> Cysteine Protease B. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1971-1982.	2.9	46
77	Solid-Phase Synthesis and Biological Activity of a Thioether Analogue of Conotoxin G1. <i>ChemBioChem</i> , 2003, 4, 186-194.	1.3	46
78	Dithiasuccinoyl (Dts) amino-protecting group used in syntheses of 1,2-trans-amino sugar glycosides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 405.	0.9	45
79	Direct Solid-Phase Glycosylations of Peptide Templates on a Novel PEG-Based Resin. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1976-1978.	4.4	44
80	Highly Efficient Solid-Phase Oxidative Cleavage of Olefins by OsO ₄ ·NaIO ₄ in the Intramolecular N-Acyliminium Pictet-Spengler Reaction. <i>Organic Letters</i> , 2005, 7, 2695-2698.	2.4	44
81	Scaffold Diversity through Intramolecular Cascade Reactions of Solid-Supported Cyclic N-Acyliminium Intermediates. <i>ACS Combinatorial Science</i> , 2007, 9, 1060-1072.	3.3	44
82	Constrained glycopeptide ligands for MPRs. Limitations of unprotected phosphorylated building blocks. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 21-40.	1.4	43
83	A chemically inert hydrophilic resin for solid phase organic synthesis. <i>Tetrahedron Letters</i> , 1998, 39, 8695-8698.	0.7	43
84	Phosphinic Peptide Matrix Metalloproteinase-9 Inhibitors by Solid-Phase Synthesis Using a Building Block Approach. <i>Chemistry - A European Journal</i> , 1999, 5, 2877-2884.	1.7	43
85	Expression and characterization of a recombinant cysteine proteinase of <i>Leishmania mexicana</i> . <i>Biochemical Journal</i> , 2000, 347, 383.	1.7	43
86	MC4R Agonists: Structural Overview on Antiobesity Therapeutics. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 402-423.	4.0	43
87	Combinatorial Library of Peptide Isosters Based on Diels-Alder Reactions: Identification of Novel Inhibitors against a Recombinant Cysteine Protease from <i>Leishmania mexicana</i> . <i>ACS Combinatorial Science</i> , 2001, 3, 441-452.	3.3	42
88	Eine neue Strategie zur Festphasensynthese von O-Glycopeptiden über Azidoglycopeptide. <i>Liebigs Annalen Der Chemie</i> , 1994, 1994, 369-379.	0.8	41
89	The extracellular polysaccharide of <i>Pichia (Hansenula) holstii</i> NRRL Y-2448: the phosphorylated side chains. <i>Carbohydrate Research</i> , 1998, 309, 77-87.	1.1	41
90	Fluorescent properties of amino acids labeled with ortho-aminobenzoic acid. , 1998, 4, 395-402.		41

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91	The Substrate Specificity of a Recombinant Cysteine Protease from <i>Leishmania mexicana</i> : Application of a Combinatorial Peptide Library Approach. <i>ChemBioChem</i> , 2000, 1, 115-122.	1.3	41
92	Feedback control in organic synthesis. A system for solid phase peptide synthesis with true automation. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 270.	2.0	40
93	Glycopeptide Synthesis. , 1994, , 145-198.		40
94	Stereoselective synthesis of the C-analogue of β -D-glucopyranosyl serine. <i>Chemical Communications</i> , 1997, , 1469-1470.	2.2	40
95	N-Terminal Peptide Aldehydes as Electrophiles in Combinatorial Solid Phase Synthesis of Novel Peptide Isosteres 1. <i>ACS Combinatorial Science</i> , 2001, 3, 45-63.	3.3	40
96	Mechanism and Scope of Base-Controlled Catalyst-Free N-Arylation of Amines with Unactivated Fluorobenzenes. <i>Chemistry - A European Journal</i> , 2017, 23, 846-851.	1.7	40
97	Multiple column solid phase glycopeptide synthesis. <i>Tetrahedron Letters</i> , 1991, 32, 5067-5070.	0.7	38
98	Synthesis and application of a PEGA polymeric support for high capacity continuous flow solid-phase peptide synthesis. <i>Tetrahedron Letters</i> , 1995, 36, 4647-4650.	0.7	38
99	Versatile solid-phase thiolytic reduction of azido and N-Dts groups in the synthesis of haemoglobin (67-76) O-glycopeptides and photoaffinity labelled analogues to study glycan T-cell specificity. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 871-884.	0.9	37
100	Synthesis of Aldehyde Building Blocks Protected as Acid Labile N-Boc N,O-Acetals: A Toward Combinatorial Solid Phase Synthesis of Novel Peptide Isosteres 1. <i>ACS Combinatorial Science</i> , 2001, 3, 34-44.	3.3	37
101	Mutational replacements of the amino acid residues forming the hydrophobic S4 binding pocket of subtilisin 309 from <i>Bacillus lentus</i> . <i>Biochemistry</i> , 1993, 32, 8994-8999.	1.2	35
102	Synthesis of glycosylated peptide templates containing 6-O-phosphorylated mannose disaccharides and their binding to the cation-independent mannose 6-phosphate receptor. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 1299-1310.	0.9	35
103	The extracellular polysaccharide of <i>Pichia (Hansenula) holstii</i> NRRL Y-2448: The structure of the phosphomannan backbone. <i>Carbohydrate Research</i> , 1996, 293, 101-117.	1.1	34
104	New solid-phase oligosaccharide synthesis on glycopeptides bound to a solid phase. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 281-294.	0.9	34
105	Solid-Phase Synthesis of a Peptide-Based P,S-Ligand System Designed for Generation of Combinatorial Catalyst Libraries. <i>ACS Combinatorial Science</i> , 2007, 9, 79-85.	3.3	34
106	Specific Recognition of Disaccharides in Water by an Artificial Bicyclic Carbohydrate Receptor. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5003-5009.	1.2	34
107	Amidation of growth hormone releasing factor (1-29) by serine carboxypeptidase catalysed transpeptidation. <i>International Journal of Peptide and Protein Research</i> , 1991, 37, 153-160.	0.1	34
108	SPOCC-194, a New High Functional Group Density PEG-Based Resin for Solid-Phase Organic Synthesis. <i>ACS Combinatorial Science</i> , 2002, 4, 523-529.	3.3	33

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109	Synthesis and characterisation of highly glycosylated glycopeptides with Tn-antigenic structures corresponding to human glycoporphin AN. <i>Carbohydrate Research</i> , 1997, 299, 33-48.	1.1	32
110	Solid-Phase Glycosylation of Peptide Templates and On-Bead MAS-NMR Analysis: Perspectives for Glycopeptide Libraries. <i>Chemistry - A European Journal</i> , 2001, 7, 3584.	1.7	32
111	Susceptibility of glycans to β -elimination in Fmoc-based glycopeptide synthesis. <i>International Journal of Peptide and Protein Research</i> , 1994, 43, 529-536.	0.1	31
112	β -acyliminium intermediates in solid-phase synthesis. <i>Biopolymers</i> , 2010, 94, 242-256.	1.2	31
113	Efficient synthesis of O-(2-acetamido-2-deoxy- β -D-glucopyranosyl)-ser/thr building blocks for spps of o-glcnaC glycopeptides. <i>Tetrahedron Letters</i> , 1995, 36, 9205-9208.	0.7	30
114	Comparison of N-Dts and N-Aloc in the solid-phase syntheses of O-GlcNAc glycopeptide fragments of RNA-polymerase II and mammalian neurofilaments. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 2165.	0.9	30
115	Solid-Phase Synthesis of Peptide Isosters by Nucleophilic Reactions with N-Terminal Peptide Aldehydes on a Polar Support Tailored for Solid-Phase Organic Chemistry. <i>Chemistry - A European Journal</i> , 1999, 5, 1218-1225.	1.7	30
116	Versatile Solid-Phase Synthesis of Peptide-Derived 2-Oxazolines. Application in the Synthesis of Ligands for Asymmetric Catalysis. <i>Organic Letters</i> , 2005, 7, 581-584.	2.4	30
117	Large-scale synthesis of d-mannose 6-phosphate and other hexose 6-phosphates. <i>Carbohydrate Research</i> , 1992, 235, 115-127.	1.1	29
118	Multiple Column Synthesis of Quenched Solid-Phase Bound Fluorogenic Substrates for Characterization of Endoprotease Specificity. <i>Methods</i> , 1994, 6, 417-424.	1.9	29
119	Convenient synthesis of O-(2-acitamido-2-deoxy- β -D-glucopyranosyl)-serine and -threonine building blocks for solid-phase glycopeptide assembly. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 2615-2619.	0.9	29
120	In Vivo Imaging of Matrix Metalloproteinase 12 and Matrix Metalloproteinase 13 Activities in the Mouse Model of Collagen-Induced Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 589-598.	2.9	29
121	In Vivo imaging of MMP-13 activity in the murine destabilised medial meniscus surgical model of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 862-868.	0.6	29
122	Solid-phase synthesis and characterization of O-dimannosylated heptadecapeptide analogues of human insulin-like growth factor 1 (IGF-1). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 1699.	0.9	28
123	Synthesis of mannose 6-phosphate-containing disaccharide threonine building blocks and their use in solid-phase glycopeptide synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1453.	0.9	28
124	Solid-phase synthesis of a fucosylated glycopeptide of human factor IX with a fucose- β -(1 \rightarrow 3)-serine linkage. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 3017-3022.	0.9	28
125	β -Azido acids for direct use in solid-phase peptide synthesis. <i>Journal of Peptide Science</i> , 2000, 6, 594-602.	0.8	28
126	Glycopeptides as Oligosaccharide Mimics: High Affinity Sialopeptide Ligands for Sialoadhesin from Combinatorial Libraries. <i>ACS Combinatorial Science</i> , 2003, 5, 18-27.	3.3	28

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127	Solid-Phase Synthesis of Aryl-Substituted Thienindolizines: Sequential PictetâˆSpengler, Bromination and Suzuki Cross-Coupling Reactions of Thiophenes. <i>ACS Combinatorial Science</i> , 2008, 10, 447-455.	3.3	28
128	Diffusion of Reagents in Macrobeads. <i>ACS Combinatorial Science</i> , 2001, 3, 461-468.	3.3	27
129	Optimizing Delays in the MBOB, Broadband HMBC, and Broadband XLOC NMR Pulse Sequences. <i>Journal of Magnetic Resonance</i> , 2002, 156, 282-294.	1.2	27
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