

Morten Meldal

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

19,023
citations

49
h-index

132
g-index

338
ext. papers

20,040
ext. citations

5.1
avg, IF

7
L-index

#	Paper	IF	Citations
280	Peptidotriazoles on solid phase: [1,2,3]-triazoles by regioselective copper(i)-catalyzed 1,3-dipolar cycloadditions of terminal alkynes to azides. <i>Journal of Organic Chemistry</i> , 2002 , 67, 3057-64	4.2	6814
279	Cu-catalyzed azide-alkyne cycloaddition. <i>Chemical Reviews</i> , 2008 , 108, 2952-3015	68.1	3630
278	Polymer Clicking by CuAAC Reactions. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1016-1051	4.8	302
277	Pega: a flow stable polyethylene glycol dimethyl acrylamide copolymer for solid phase synthesis.. <i>Tetrahedron Letters</i> , 1992 , 33, 3077-3080	2	299
276	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	3.8	250
275	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, 480-91	5.7	165
274	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, 6011-8	3.2	145
273	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, 141-7	3.1	143
272	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, 312-24		141
271	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	16.4	124
270	POEPOP and POEPS: Inert polyethylene glycol crosslinked polymeric supports for solid synthesis. <i>Tetrahedron Letters</i> , 1996 , 37, 6185-6188	2	105
269	Molecular recognition of a <i>Salmonella</i> trisaccharide epitope by monoclonal antibody Se155-4. <i>Biochemistry</i> , 1994 , 33, 5172-82	3.2	94
268	Synthesis, characterization and biocompatibility of PEGA resins. <i>Journal of Peptide Science</i> , 1995 , 1, 31-44	4.1	92
267	Maintaining biological activity by using triazoles as disulfide bond mimetics. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5204-6	16.4	89
266	A PEGA resin for use in the solid-phase chemical/enzymatic synthesis of glycopeptides. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1849-1850		88
265	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 (Pt 2), 427-33	3.8	87
264	Substrate preferences of glutamic-acid-specific endopeptidases assessed by synthetic peptide substrates based on intramolecular fluorescence quenching. <i>FEBS Journal</i> , 1992 , 206, 103-7		83

263	High Capacity Poly(ethylene glycol) Based Amino Polymers for Peptide and Organic Synthesis. <i>QSAR and Combinatorial Science</i> , 2004 , 23, 662-673		82
262	Fluorescence-quenched solid phase combinatorial libraries in the characterization of cysteine protease substrate specificity. <i>ACS Combinatorial Science</i> , 1999 , 1, 509-23		81
261	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	3.8	80
260	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		80
259	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, 108-19		77
258	Glycopeptide and Oligosaccharide Libraries. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 1162-1179		75
257	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, 12005-14	3.2	71
256	Solid-phase intramolecular N-acyliminium Pictet-Spengler reactions as crossroads to scaffold diversity. <i>Journal of Organic Chemistry</i> , 2004 , 69, 3765-73	4.2	70
255	Epitope affinity for MHC class I determines helper requirement for CTL priming. <i>Nature Immunology</i> , 2000 , 1, 145-50	19.1	70
254	Solid phase combinatorial library of phosphinic peptides for discovery of matrix metalloproteinase inhibitors. <i>ACS Combinatorial Science</i> , 2000 , 2, 624-38		69
253	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	16.4	69
252	Azido Acids in a Novel Method of Solid-Phase Peptide Synthesis.. <i>Tetrahedron Letters</i> , 1997 , 38, 2531-2534		66
251	The one-bead two-compound assay for solid phase screening of combinatorial libraries. <i>Biopolymers</i> , 2002 , 66, 93-100	2.2	65
250	A general approach to the synthesis of O- and N-linked glycopeptides. <i>Glycoconjugate Journal</i> , 1994 , 11, 59-63	3	65
249	Recent Fascinating Aspects of the CuAAC Click Reaction. <i>Trends in Chemistry</i> , 2020 , 2, 569-584	14.8	65
248	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		64
247	Synthesis of glycopeptide sequences of repeating units of the mucins MUC2 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		63
246	Expression and characterization of a recombinant cysteine proteinase of <i>Leishmania mexicana</i> . <i>Biochemical Journal</i> , 2000 , 347, 383-388	3.8	63

245	PEGA supports for combinatorial peptide synthesis and solid-phase enzymatic library assays. <i>Journal of Peptide Science</i> , 1998 , 4, 195-210	2.1	61
244	Peptidotriazoles: Copper(I)-Catalyzed 1,3-Dipolar Cycloadditions on Solid-Phase 2001 , 263-264		59
243	Solid-phase synthesis of pyrroloisoquinolines via the intramolecular N-acyliminium Pictet-Spengler reaction. <i>ACS Combinatorial Science</i> , 2005 , 7, 599-610		58
242	Multiple-column solid-phase glycopeptide synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992 , 1163		56
241	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, 1039-46		55
240	Pentafluorophenyl esters for temporary carboxyl group protection in solid phase synthesis of N-linked glycopeptides.. <i>Tetrahedron Letters</i> , 1990 , 31, 6987-6990	2	55
239	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, 3601-4	6.2	54
238	Pentafluorophenyl esters for the temporary protection of the Carboxy group in solid phase glycopeptide synthesis. <i>Journal of the Chemical Society Chemical Communications</i> , 1990 , 483-485		53
237	alpha-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, 2176-81	16.4	52
236	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		52
235	Isomerization of D-glucose with glucose-isomerase. A mechanistic study. <i>Acta Chemica Scandinavica</i> , 1983 , 37, 101-8		52
234	Properties of solid supports. <i>Methods in Enzymology</i> , 1997 , 289, 83-104	1.7	51
233	Novel Type of Rigid C-Linked Glycosylacetylene-Phenylalanine Building Blocks for Combinatorial Synthesis of C-linked Glycopeptides. <i>Journal of Organic Chemistry</i> , 1998 , 63, 9657-9668	4.2	50
232	T cell recognition of Tn-glycosylated peptide antigens. <i>European Journal of Immunology</i> , 1996 , 26, 1342-8.1		50
231	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		49
230	A New Strategy For Solid-Phase Synthesis of O-Glycopeptides. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 857-859		49
229	Substrate specificity of barley cysteine endoproteases EP-A and EP-B. <i>Plant Physiology</i> , 1998 , 117, 255-66.6		48
228	Small-scale solid-phase O-glycopeptide synthesis of linear and cyclized hexapeptides from blood-clotting factor IX containing O-(D-Xyl-1->3-D-Xyl-1->3-D-Glc)-L-ser. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993 , 925-932		48

227	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		48
226	Lectin domains of polypeptide GalNAc transferases exhibit glycopeptide binding specificity. <i>Journal of Biological Chemistry</i> , 2011 , 286, 32684-96	5.4	47
225	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, 4121-31	4.8	47
224	The active ester N-fmoc-3-O-[Ac4- β -Manp-(1 \rightarrow 2)-Ac3- β -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	3.4	47
223	Green Catalysts: Solid-Phase Peptide Carbene Ligands in Aqueous Transition-Metal Catalysis. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5244-5253	3.2	46
222	Synthetic methods of glycopeptide assembly, and biological analysis of glycopeptide products. <i>Current Opinion in Chemical Biology</i> , 1997 , 1, 552-63	9.7	45
221	Specificity of O-glycosylation by bovine colostrum UDP-GalNAc: polypeptide alpha-N-acetylgalactosaminyltransferase using synthetic glycopeptide substrates. <i>Glycoconjugate Journal</i> , 1996 , 13, 849-56	3	45
220	Synthesis of the glycosyl amino acids N alpha-Fmoc-Ser[Ac4-beta-D-Galp-(1 \rightarrow 3)-Ac2-alpha-D-GalN3p]-OPfp and N alpha-Fmoc-Thr[Ac4-beta-D-Galp-(1 \rightarrow 3)-Ac2-alpha-D-GalN3p]-OPfp and the application in the	2.9	45
219	Solid-phase synthesis of tetrahydro-beta-carbolines and tetrahydroisoquinolines by stereoselective intramolecular N-carbamyliminium Pictet-Spengler reactions. <i>Chemistry - A European Journal</i> , 2006 , 12, 8056-66	4.8	44
218	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		44
217	Recent developments in glycopeptide and oligosaccharide synthesis. <i>Current Opinion in Structural Biology</i> , 1994 , 4, 710-718	8.1	44
216	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	2.9	44
215	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, 11046-55	16.4	43
214	Protected-mode synthesis of N-linked glycopeptides: single-step preparation of building blocks as peracetyl glycosylated Nfmoc asparagine OPfp esters. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993 , 1461-1471		43
213	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	2.9	43
212	Multiple column peptide synthesis, Part 2 (1, 2). <i>International Journal of Peptide and Protein Research</i> , 1993 , 41, 250-60		42
211	Highly efficient solid-phase oxidative cleavage of olefins by OsO4-NaIO4 in the intramolecular N-acyliminium Pictet-Spengler reaction. <i>Organic Letters</i> , 2005 , 7, 2695-8	6.2	42
210	Solid-phase synthesis and biological activity of a thioether analogue of conotoxin G1. <i>ChemBioChem</i> , 2003 , 4, 186-94	3.8	41

209	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, 1066-72	6.1	41
208	Scaffold diversity through intramolecular cascade reactions of solid-supported cyclic N-acyliminium intermediates. <i>ACS Combinatorial Science</i> , 2007 , 9, 1060-72		40
207	Expression and characterization of a recombinant cysteine proteinase of <i>Leishmania mexicana</i> . <i>Biochemical Journal</i> , 2000 , 347, 383-8	3.8	40
206	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, 441-52		40
205	Constrained glycopeptide ligands for MPRs. Limitations of unprotected phosphorylated building blocks. <i>Bioorganic and Medicinal Chemistry</i> , 1997 , 5, 21-40	3.4	39
204	Inhibition of cruzipain visualized in a fluorescence quenched solid-phase inhibitor library assay. D-amino acid inhibitors for cruzipain, cathepsin B and cathepsin L. <i>Journal of Peptide Science</i> , 1998 , 4, 83-91	2.1	39
203	Fluorescent properties of amino acids labeled with ortho-aminobenzoic acid 1998 , 4, 395-402		39
202	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	3.8	39
201	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		39
200	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, 9611-3	11.5	38
199	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, 1971-82	8.3	38
198	N-Terminal peptide aldehydes as electrophiles in combinatorial solid phase synthesis of novel peptide isosteres. <i>ACS Combinatorial Science</i> , 2001 , 3, 45-63		38
197	Stereoselective synthesis of the C-analogue of α -D-glucopyranosyl serine. <i>Chemical Communications</i> , 1997 , 1469-1470	5.8	37
196	The extracellular polysaccharide of <i>Pichia (Hansenula) holstii</i> NRRL Y-2448: the phosphorylated side chains. <i>Carbohydrate Research</i> , 1998 , 309, 77-87	2.9	37
195	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	4.8	37
194	Eine neue Strategie zur Festphasensynthese von O-Glycopeptiden über 2-Azidoglycopeptide. <i>Liebigs Annalen Der Chemie</i> , 1994 , 1994, 369-379		37
193	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		36
192	Rational Tuning of Fluorobenzene Probes for Cysteine-Selective Protein Modification. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8022-8026	16.4	35

191	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		35
190	Glycopeptide Synthesis 1994 , 145-198		35
189	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		35
188	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		35
187	A chemically inert hydrophilic resin for solid phase organic synthesis. <i>Tetrahedron Letters</i> , 1998 , 39, 8695-8698		34
186	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		34
185	Synthesis of aldehyde building blocks protected as acid labile N-Boc N,O-acetals: toward combinatorial solid phase synthesis of novel peptide isosteres. <i>ACS Combinatorial Science</i> , 2001 , 3, 34-44		34
184	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	2	34
183	Recent advances in covalent, site-specific protein immobilization. <i>F1000Research</i> , 2016 , 5,	3.6	34
182	Maintaining Biological Activity by Using Triazoles as Disulfide Bond Mimetics. <i>Angewandte Chemie</i> , 2011 , 123, 5310-5312	3.6	33
181	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	2.9	33
180	Multiple column solid phase glycopeptide synthesis. <i>Tetrahedron Letters</i> , 1991 , 32, 5067-5070	2	32
179	MC4R Agonists: Structural Overview on Antiobesity Therapeutics. <i>Trends in Pharmacological Sciences</i> , 2018 , 39, 402-423	13.2	31
178	Specific Recognition of Disaccharides in Water by an Artificial Bicyclic Carbohydrate Receptor. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 5003-5009	3.2	31
177	Versatile solid-phase thiolytic reduction of azido and N-Dts groups in the synthesis of haemoglobin(67-76) O-glycopeptides and photoaffinitylabelled analogues to study glycan T-cell specificity. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 871-884		30
176	Synthesis and characterisation of highly glycosylated glycopeptides with Tn-antigenic structures corresponding to human glycoporphin AN. <i>Carbohydrate Research</i> , 1997 , 299, 33-48	2.9	30
175	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, 8994-9	3.2	30
174	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	4.8	29

173	N-acyliminium intermediates in solid-phase synthesis. <i>Biopolymers</i> , 2010 , 94, 242-56	2.2	29
172	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, 589-98	9.5	28
171	Amidation of growth hormone releasing factor (1-29) by serine carboxypeptidase catalysed transpeptidation. <i>International Journal of Peptide and Protein Research</i> , 1991 , 37, 153-60		28
170	Susceptibility of glycans to beta-elimination in Fmoc-based O-glycopeptide synthesis. <i>International Journal of Peptide and Protein Research</i> , 1994 , 43, 529-36		28
169	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		28
168	Solid-phase glycosylation of peptide templates and on-bead MAS-NMR analysis: perspectives for glycopeptide libraries. <i>Chemistry - A European Journal</i> , 2001 , 7, 3584-91	4.8	28
167	Versatile solid-phase synthesis of peptide-derived 2-oxazolines. Application in the synthesis of ligands for asymmetric catalysis. <i>Organic Letters</i> , 2005 , 7, 581-4	6.2	27
166	SPOCC-194, a new high functional group density PEG-based resin for solid-phase organic synthesis. <i>ACS Combinatorial Science</i> , 2002 , 4, 523-9		27
165	Alpha-azido acids for direct use in solid-phase peptide synthesis. <i>Journal of Peptide Science</i> , 2000 , 6, 594-602		27
164	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		27
163	In vivo imaging of MMP-13 activity in the murine destabilised medial meniscus surgical model of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014 , 22, 862-8	6.2	26
162	'One bead two compound libraries' for detecting chemical and biochemical conversions. <i>Current Opinion in Chemical Biology</i> , 2004 , 8, 238-44	9.7	26
161	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	2	26
160	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		26
159	Solid-phase synthesis of aryl-substituted thienindolizines: sequential Pictet-Spengler, bromination and Suzuki cross-coupling reactions of thiophenes. <i>ACS Combinatorial Science</i> , 2008 , 10, 447-55		25
158	Optimizing delays in the MBOB, broadband HMBC, and broadband XLOC NMR pulse sequences. <i>Journal of Magnetic Resonance</i> , 2002 , 156, 282-94	3	25
157	Glycopeptides as oligosaccharide mimics: high affinity sialopeptide ligands for sialoadhesin from combinatorial libraries. <i>ACS Combinatorial Science</i> , 2003 , 5, 18-27		25
156	Solid-phase synthesis of biarylalanines via Suzuki cross-coupling and intramolecular N-acyliminium Pictet-Spengler reactions. <i>Tetrahedron Letters</i> , 2005 , 46, 7959-7962	2	25

155	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	4.8	25
154	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		25
153	Bicyclic Organo-Peptides as Selective Carbohydrate Receptors: Design, Solid-phase Synthesis, and on-bead Binding Capability. <i>QSAR and Combinatorial Science</i> , 2004 , 23, 117-129		24
152	Alpha-keto amide peptides: a synthetic strategy to resin-bound peptide isosteres for protease inhibitor screening on solid support. <i>ACS Combinatorial Science</i> , 2004 , 6, 181-95		24
151	Diffusion of reagents in macrobeads. <i>ACS Combinatorial Science</i> , 2001 , 3, 461-8		24
150	Solid-phase synthesis of a fucosylated glycopeptide of human factor IX with a Fucose- β (1 \rightarrow O)-serine linkage. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 3017-3022		24
149	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		24
148	Synthesis of glycosyltyrosine building blocks for solid-phase glycopeptide assembly: use of aryl tert-butyl ethers as glycosyl acceptors in aromatic glycosylations. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 3287		23
147	Palladium on carbon encapsulated in POEPOP(1500): a resin-supported catalyst for hydrogenation reactions. <i>Organic Letters</i> , 2002 , 4, 27-30	6.2	22
146	Glycopeptid- und Oligosaccharidbibliotheken. <i>Angewandte Chemie</i> , 2000 , 112, 1210-1228	3.6	22
145	Multiple Column Synthesis of Quenched Solid-Phase Bound Fluorogenic Substrates for Characterization of Endoprotease Specificity. <i>Methods</i> , 1994 , 6, 417-424	4.6	22
144	Large-scale synthesis of d-mannose 6-phosphate and other hexose 6-phosphates. <i>Carbohydrate Research</i> , 1992 , 235, 115-127	2.9	22
143	Analysis of organic reactions by thin layer chromatography combined with matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1998 , 12, 1475-84	2.2	21
142	Synthesis of the building blocks N ^F moc-O-[β -D-Ac3GalN3p-(1 \rightarrow 3)- β -D-Ac2GalN3p]-Thr-OPfp and N ^F moc-O-[β -D-Ac3GalN3p-(1 \rightarrow 6)- β -D-Ac2GalN3p]-Thr-OPfp and their application in the solid phase glycopeptide synthesis of core 5 and core 7 mucin O-glycopeptides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 1071-1080		21
141	The use of O-glycosyl trichloroacetimidates in the synthesis of unsymmetrical trehalose analogues. <i>Tetrahedron: Asymmetry</i> , 1994 , 5, 2109-2122		21
140	Controlled reduction of acarbose: conformational analysis of acarbose and the resulting saturated products. <i>Carbohydrate Research</i> , 1991 , 221, 1-16	2.9	21
139	C-Terminally modified peptides via cleavage of the HMBA linker by O-, N- or S-nucleophiles. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 3238-45	3.9	20
138	Identification of peptides inhibitory to recombinant cysteine proteinase, CPB, of <i>Leishmania mexicana</i> . <i>Molecular and Biochemical Parasitology</i> , 2001 , 114, 81-8	1.9	20

137	Substrate specificity of recombinant cysteine proteinase, CPB, of <i>Leishmania mexicana</i> . <i>Molecular and Biochemical Parasitology</i> , 2001 , 116, 1-9	1.9	20
136	Kinetic analysis of the mechanism and specificity of protein-disulfide isomerase using fluorescence-quenched peptides. <i>Journal of Biological Chemistry</i> , 1998 , 273, 24992-9	5.4	20
135	Convenient synthesis of Thr and Ser carrying the tumor associated sialyl-(2->3)-T antigen as building blocks for solid-phase glycopeptide synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999 , 415-420		20
134	Synthesis of 3-Boc-(1,3)-oxazinane-Protected Amino Aldehydes from Amino Acids and Their Conversion into Urea Precursors. Novel Building Blocks for Combinatorial Synthesis. <i>QSAR and Combinatorial Science</i> , 2004 , 23, 130-144		19
133	Automated Sorting of Beads from a One-Bead-Two-Compounds Combinatorial Library of Metalloproteinase Inhibitors. <i>QSAR and Combinatorial Science</i> , 2003 , 22, 737-744		19
132	Fluorescence Energy-Transfer Probes of Conformation in Peptides: The 2-Aminobenzamide/Nitrotyrosine Pair. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 6413-6418	3.4	19
131	Carbohydrate chemistry: synthetic and structural challenges towards the end of the 20th century. <i>Pure and Applied Chemistry</i> , 1999 , 71, 755-765	2.1	19
130	Synthesis of aliphatic O-dimannosyl amino acid building blocks for solid-phase assembly of glycopeptide libraries. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 2883		19
129	Solid phase peptide synthesis of mucin glycopeptides. <i>Tetrahedron Letters</i> , 1992 , 33, 6445-6448	2	19
128	Novel acylation catalysts in peptide synthesis: derivatives of N-hydroxytriazoles and N-hydroxytetrazoles. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 1727-1732		18
127	Controlled peptide solvation in portion-mixing libraries of FRET peptides: improved specificity determination for Dengue 2 virus NS2B-NS3 protease and human cathepsin S. <i>ACS Combinatorial Science</i> , 2007 , 9, 627-34		18
126	ULTRAMINE: a high-capacity polyethylene-imine-based polymer and its application as a scavenger resin. <i>Chemistry - A European Journal</i> , 2004 , 10, 4407-15	4.8	18
125	MUC1-derived glycopeptide libraries with improved MHC anchors are strong antigens and prime mouse T cells for proliferative responses to lysates of human breast cancer tissue. <i>European Journal of Immunology</i> , 2003 , 33, 1624-32	6.1	18
124	Gram-scale synthesis of alpha,alpha-trehalose 6-monophosphate and alpha,alpha-trehalose 6,6'-diphosphate. <i>Carbohydrate Research</i> , 1994 , 260, 323-8	2.9	18
123	Methods for the preparation of chlorophyllide a: an intermediate of the chlorophyll biosynthetic pathway. <i>Analytical Biochemistry</i> , 2011 , 419, 271-6	3.1	17
122	Ralph F. Hirschmann award address 2009: Merger of organic chemistry with peptide diversity. <i>Biopolymers</i> , 2010 , 94, 161-82	2.2	17
121	Differences in substrate specificities between cysteine protease CPB isoforms of <i>Leishmania mexicana</i> are mediated by a few amino acid changes. <i>FEBS Journal</i> , 2004 , 271, 3704-14		17
120	Novel methodology for the solid-phase synthesis of phosphinic peptides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 3306-3310		17

119	Surfactant Mediated Cationic and Anionic Suspension Polymerization of PEG-Based Resins in Silicon Oil: Beaded SPOCC 1500 and POEPOP 1500. <i>ACS Combinatorial Science</i> , 2001 , 3, 28-33		17
118	Synthesis of T-antigen-containing glycopeptides as potential cancer vaccines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999 , 3559-3564		17
117	Microparticle matrix encoding of beads. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3473-6	16.4	16
116	Solid-phase glycopeptide synthesis of tyrosine-glycosylated glycogenin fragments as substrates for glucosylation by glycogenin. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996 , 1001		16
115	The T-lymphocyte proliferative response to synthetic peptide antigens of defined secondary structure. <i>Scandinavian Journal of Immunology</i> , 1989 , 30, 723-30	3.4	16
114	Mercury iodide as a catalyst in oligosaccharide synthesis. <i>Acta Chemica Scandinavica</i> , 1983 , 37, 775-83		16
113	Click-Chemistry-Mediated Synthesis of Selective Melanocortin Receptor 4 Agonists. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8716-8730	8.3	15
112	Simultaneous "one pot" expressed protein ligation and CuI-catalyzed azide/alkyne cycloaddition for protein immobilization. <i>ChemBioChem</i> , 2011 , 12, 2426-30	3.8	15
111	Internally quenched fluorogenic, helical dimeric peptides and glycopeptides for the evaluation of the effect of glycosylation on the conformation of peptides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 1365-1374		15
110	Preparation of fluorescence quenched libraries containing interchain disulphide bonds for studies of protein disulphide isomerases. <i>Journal of Peptide Science</i> , 1998 , 4, 128-137	2.1	15
109	Solid-phase synthesis of carboxylic and oxamic acids via OsO ₄ /NaIO ₄ /HMTA-mediated oxidative cleavage of acetylenic peptides. <i>Organic Letters</i> , 2007 , 9, 2469-72	6.2	15
108	Reversible dimerization of acid-denatured ACBP controlled by helix A4. <i>Biochemistry</i> , 2005 , 44, 1375-84	3.2	15
107	Complex of sialoadhesin with a glycopeptide ligand. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004 , 1702, 173-9	4	15
106	Silyl protection in the solid-phase synthesis of N-linked glycopeptides. Preparation of glycosylated fluorogenic substrates for subtilisins. <i>Bioorganic and Medicinal Chemistry</i> , 1994 , 2, 1153-67	3.4	15
105	Synthesis of a proposed antigenic hexapeptide from Escherichia coli K88 protein fimbriae. <i>Acta Chemica Scandinavica</i> , 1986 , 40, 235-41		15
104	Imidazolones in diastereoselective cyclization reactions and Cu(II)-catalysed cross-coupling reactions. <i>Chemistry - A European Journal</i> , 2009 , 15, 7044-7	4.8	14
103	Direkte Festphasen-Glycosylierung von Peptiden an einem neuartigen Polyethylenglycol-Harz. <i>Angewandte Chemie</i> , 1997 , 109, 2064-2067	3.6	14
102	Synthesis of the 1-Amino-Alditols Derived from Cellobiose, Lactose and Maltose. A Comprehensive NMR Study of Some Alditols and Amino-Alditols. <i>Journal of Carbohydrate Chemistry</i> , 1992 , 11, 813-835	1.7	14

101	C-Linked glycosyl azido acid in novel solid-phase C-glycopeptide synthesis. <i>Tetrahedron Letters</i> , 1998 , 39, 1815-1818	2	13
100	Divergent pathway for the solid-phase conversion of aromatic acetylenes to carboxylic acids, alpha-ketocarboxylic acids, and methyl ketones. <i>ACS Combinatorial Science</i> , 2008 , 10, 546-56		13
99	Smart Combinatorial Assays for the Determination of Protease Activity and Inhibition. <i>QSAR and Combinatorial Science</i> , 2005 , 24, 1141-1148		13
98	Preparation of novel O-sulfated amino acid building blocks with improved acid stability for Fmoc-based solid-phase peptide synthesis. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 682-686		13
97	Synthesis of tumor associated sialyl-T-glycopeptides and their immunogenicity. <i>Journal of Peptide Science</i> , 2000 , 6, 585-93	2.1	13
96	Towards peptide isostere libraries: aqueous aldol reactions on hydrophilic solid supports. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 955-962		13
95	Synthesis and application of sialic acid-containing building blocks for glycopeptide libraries. Establishing glycosylation conditions. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 2127-2133		13
94	Eine neue Strategie zur Festphasensynthese von O-Glycopeptiden. <i>Angewandte Chemie</i> , 1992 , 104, 881-883		13
93	A Facile One-Pot Synthesis of 3,4-Dihydro-3-hydroxy-4-oxo-1,2,3-benzotriazine and Derivatives. <i>Synthesis</i> , 1990 , 1990, 1008-1010	2.9	13
92	Covalent and stable CuAAC modification of silicon surfaces for control of cell adhesion. <i>ChemBioChem</i> , 2015 , 16, 782-91	3.8	12
91	Solid Phase Combinatorial Library of 1,3-Azole Containing Peptides for the Discovery of Matrix Metallo Proteinase Inhibitors. <i>QSAR and Combinatorial Science</i> , 2003 , 22, 754-766		12
90	GAG Mimetic Libraries: Sulphated Peptide as Heparin-like Glycosaminoglycan Mimics in Their Interaction with FGF-1. <i>QSAR and Combinatorial Science</i> , 2005 , 24, 923-942		12
89	Radically altered T cell receptor signaling in glycopeptide-specific T cell hybridoma induced by antigen with minimal differences in the glycan group. <i>European Journal of Immunology</i> , 2001 , 31, 3197-206	6.1	12
88	HYDRA: A novel hydroxy and amine functionalised resin synthesised by reductive amination of PEG aldehyde and a polyamine. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 4258-4264		12
87	Anwendung des Azid-Glycopeptidsynthese- Verfahrens in der multiplen Festphasensynthese zur Gewinnung von O-Glycopeptiden des Mucin-Typs. <i>Liebigs Annalen Der Chemie</i> , 1994 , 1994, 381-387		12
86	Synthesis of Tetrasaccharides Related to the O-Specific Determinants of Salmonella Serogroups A, B and D1.. <i>Acta Chemica Scandinavica</i> , 1984 , 38b, 255-266		12
85	Click Chemistry Mediated Functionalization of Vertical Nanowires for Biological Applications. <i>Chemistry - A European Journal</i> , 2016 , 22, 496-500	4.8	12
84	Rational Tuning of Fluorobenzene Probes for Cysteine-Selective Protein Modification. <i>Angewandte Chemie</i> , 2018 , 130, 8154-8158	3.6	11

83	Solid-phase synthesis of chemotactic peptides using alpha-azido acids. <i>Journal of Peptide Science</i> , 2000 , 6, 314-20	2.1	11
82	Hydrolysis by cathepsin B of fluorescent peptides derived from human prorenin. <i>Hypertension</i> , 2000 , 35, 1278-83	8.5	11
81	Single-bead structure elucidation. Requirements for analysis of combinatorial solid-phase libraries by Nanoprobe MAS-NMR spectroscopy. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 1167-1171 ¹¹		11
80	Application of a Photolabile Backbone Amide Linker for Cleavage of Internal Amides in the Synthesis towards Melanocortin Subtype-4 Agonists. <i>QSAR and Combinatorial Science</i> , 2005 , 24, 343-353		10
79	Multiple column synthesis of a library of T-cell stimulating Tn-antigenic glycopeptide analogues for the molecular characterization of T-cell-glycan specificity. <i>Journal of Peptide Science</i> , 1996 , 2, 212-22	2.1	10
78	K88 fimbrial antigens: identification of antigenic determinants by the use of synthetic peptides. <i>Microbial Pathogenesis</i> , 1987 , 2, 465-72	3.8	10
77	EXPO3000: a new expandable polymer for synthesis and enzymatic assays. <i>Tetrahedron Letters</i> , 2002 , 43, 6409-6411	2	9
76	Solid-phase combinatorial library of norstatine-type isosters by the nitroaldol reaction. <i>ACS Combinatorial Science</i> , 2003 , 5, 91-101		9
75	Shared structural motifs in TCR of glycopeptide-recognizing T cell hybridomas. <i>European Journal of Immunology</i> , 1999 , 29, 2759-68	6.1	9
74	Synthesis of the Branchpoint Tetrasaccharide of the O-Specific Determinant of Salmonella Serogroup B.. <i>Acta Chemica Scandinavica</i> , 1984 , 38b, 71-77		9
73	Synthesis of a putative subtype specific antigenic heptapeptide from Escherichia coli K88 ad protein fimbriae. <i>Acta Chemica Scandinavica</i> , 1986 , 40, 242-9		9
72	Expression and substrate specificity of a recombinant cysteine proteinase B of Leishmania braziliensis. <i>Molecular and Biochemical Parasitology</i> , 2008 , 161, 91-100	1.9	8
71	Enzymatic and chiral HPLC resolution of alpha-azido acids and amides. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 1239-1248		8
70	Glycopeptide mimics of mammalian Man9GlcNAc2. Ligand binding to mannan-binding proteins (MBPs). <i>Bioorganic and Medicinal Chemistry</i> , 1996 , 4, 1881-99	3.4	8
69	Synthesis and Immunological Properties of Glycopeptide T-Cell Determinants. <i>ACS Symposium Series</i> , 1993 , 19-33	0.4	8
68	Silyl protection in the solid-phase synthesis of N-linked neoglycopeptides. One-step deprotection of fully protected neoglycopeptides.. <i>Tetrahedron Letters</i> , 1993 , 34, 3315-3318	2	8
67	Specific Electrostatic Molecular Recognition in Water. <i>Chemistry - A European Journal</i> , 2016 , 22, 7206-14	4.8	8
66	Click-chemistry of polymersomes on nanoporous polymeric surfaces. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 2032-2039	2.5	8

65	Diversity-Oriented Syntheses by Combining CuAAC and Stereoselective INCIC Reactions with Peptides. <i>Chemistry - A European Journal</i> , 2017 , 23, 13869-13874	4.8	7
64	Amino acid derived 1,4-dialkyl substituted imidazolones. <i>Biopolymers</i> , 2010 , 94, 236-41	2.2	7
63	Unichemo Protection: A Concept for Chemical Synthesis This work was supported by the Danish National Research Foundation.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3655-3657	16.4	7
62	Peptido-organic Diels-Alder reactions on hydrophilic resin: scope for combinatorial chemistry. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 3198-3203		7
61	Evaluation of the effect of glycosylation on the enzymic hydrolysis of peptides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999 , 1445-1452		7
60	Synthesis of Unsymmetrical Trehalose Analogues by Silver Trifluoromethanesulphonate Promoted Glycosylations. <i>Journal of Carbohydrate Chemistry</i> , 1995 , 14, 197-211	1.7	7
59	Synthesis of disaccharides related to the O-specific polysaccharide of Salmonella typhimurium. <i>Acta Chemica Scandinavica</i> , 1983 , 37, 629-38		7
58	Computational Evolution of Threonine-Rich Hairpin Peptides Mimicking Specificity and Affinity of Antibodies. <i>ACS Central Science</i> , 2019 , 5, 259-269	16.8	6
57	Semisynthesis of an Active Enzyme by Quantitative Click Ligation. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1166-1174	6.3	6
56	Fmox: A Base-Labile Aldehyde Protecting Group. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1433-1436	3.2	6
55	9-Acridinylpeptides and 9-acridinyl-4-nitrophenylsulfonylpeptides. <i>International Journal of Peptide and Protein Research</i> , 2009 , 32, 331-343		6
54	Small-molecule affinity ligands for protein purification: combined computational enrichment and automated in-line screening of an optically encoded library. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3477-80	16.4	6
53	Pyrazines on Solid Support from Peptides by Periodinane Oxidation of Threonine Side-Chains. A Quantitative Chemical Transformation (QCT) for Combinatorial Chemistry. <i>QSAR and Combinatorial Science</i> , 2004 , 23, 109-116		6
52	Synthesis of 2'- and 2'-O-acylated maltotriosides as potential fluorescence-quenched substrates for α -amylase. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 2169-2176		6
51	Synthesis of a putative antigenic heptapeptide from Escherichia coli K88 ab protein fimbriae. <i>Acta Chemica Scandinavica</i> , 1986 , 40, 250-6		6
50	Multiple Column Synthesis of a Library of T-Cell Stimulating Tn-Antigenic Glycopeptide Analogues for the Molecular Characterization of T-Cell Glycan Specificity. <i>Journal of Peptide Science</i> , 1996 , 2, 212-222 ¹		6
49	Sustainable Flow Synthesis of Encoded Beads for Combinatorial Chemistry and Chemical Biology. <i>ACS Combinatorial Science</i> , 2018 , 20, 492-498	3.9	6
48	Metabolically stable cellular adhesion to inert surfaces. <i>ChemBioChem</i> , 2011 , 12, 2463-70	3.8	5

47	Characterization of T cell hybridomas raised against a glycopeptide containing the tumor-associated T antigen, (betaGal (1-3) alphaGalNAc-O/Ser). <i>Glycoconjugate Journal</i> , 2002 , 19, 59-65	3	5
46	Synthesis of Shld Derivatives, Their Binding to the Destabilizing Domain, and Influence on Protein Accumulation in Transgenic Plants. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 5191-5216	8.3	4
45	Microparticle Matrix Encoding of Beads. <i>Angewandte Chemie</i> , 2010 , 122, 3551-3554	3.6	4
44	Multiple column peptide synthesis: Development and application 1993 , 61-62		4
43	Azotides as Modular Peptide-Based Ligands for Asymmetric Lewis Acid Catalysis. <i>Journal of Organic Chemistry</i> , 2019 , 84, 6940-6945	4.2	3
42	Synthetic hFSH peptide constructs in the evaluation of previous studies on the hFSH receptor interaction 1997 , 3, 397-414		3
41	Optically Active (Peptido-carbene)palladium Complexes: Towards True Solid-Phase Combinatorial Libraries of Transition Metal Catalysts. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, NA-NA	3.2	3
40	Glycopeptide and Oligosaccharide Libraries 1999 , 291-318		3
39	Photonucleases 1989 , 209-218		3
38	C-Terminal lactamization of peptides. <i>Chemical Communications</i> , 2021 , 57, 895-898	5.8	3
37	Studies of binding sites in the subtilisin from <i>Bacillus lentus</i> by means of site directed mutagenesis and kinetic investigations. <i>Advances in Experimental Medicine and Biology</i> , 1996 , 379, 105-12	3.6	3
36	Design and Combinatorial Development of Shield-1 Peptide Mimetics Binding to Destabilized FKBP12. <i>ACS Combinatorial Science</i> , 2020 , 22, 156-164	3.9	2
35	Alkyne-Azide Reactions 2014 , 113-142		2
34	Advances in Merging Triazoles with Peptides and Proteins. <i>Topics in Heterocyclic Chemistry</i> , 2015 , 267-304	4.2	2
33	A single-vector EYFP reporter gene assay for G protein-coupled receptors. <i>Analytical Biochemistry</i> , 2015 , 476, 40-4	3.1	2
32	The solid-phase enzyme inhibitor library assay. <i>Methods in Molecular Biology</i> , 1998 , 87, 75-82	1.4	2
31	Evaluation of strategies for one-pot deprotection, cleavage and disulfide bond formation in the preparation of cystine-containing peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 1997 , 3, 327-332		2
30	Substrate Specificity Profiling of Peptidyl-Lys Metallopeptidase of <i>Armillaria mellea</i> by FRET Based Peptide Library. <i>Protein and Peptide Letters</i> , 2015 , 22, 514-24	1.9	2

29	Intramolecular N-Acyliminium Cascade (INAIC) Reactions in Cyclization of Peptide-Like Molecules. <i>Topics in Heterocyclic Chemistry</i> , 2016 , 65-94	0.2	2
28	Heterologous expression of peptidyl-Lys metallopeptidase of <i>Armillaria mellea</i> and mutagenic analysis of the recombinant peptidase. <i>Journal of Biochemistry</i> , 2016 , 159, 461-70	3.1	1
27	Catalytic Click Reactions 2017 , 1541-1556		1
26	Dipolar Cycloaddition Reactions in Peptide Chemistry 285-310		1
25	Preparation and Screening of Glycopeptide Libraries 283-304		1
24	Preparation of an unprotected phosphotyrosine building block and its application in solid-phase synthesis of phosphopeptides. <i>International Journal of Peptide Research and Therapeutics</i> , 1999 , 6, 193-197		1
23	Solid phase peptide synthesis of a di-N-glycosylated RGD analog 1993 , 365-366		1
22	Glycosylation of tyrosine derivatives and their application for solid phase synthesis 1992 , 587-588		1
21	Dihydroquinazolinones via A-Type Reactions of N-Carbamoyliminium Ions. <i>Chemistry - A European Journal</i> , 2020 , 26, 15825-15829	4.8	1
20	Attachment of cyclodextrin acids to PEGA resin and study of binding with fluorescence microscopy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 43, 128060	2.9	1
19	Innenrücktitelbild: Rational Tuning of Fluorobenzene Probes for Cysteine-Selective Protein Modification (Angew. Chem. 27/2018). <i>Angewandte Chemie</i> , 2018 , 130, 8463-8463	3.6	1
18	Solid-phase Synthesis of Chemotactic Peptides Using β -Azido Acids 2000 , 6, 314		1
17	Combinatorial library of phosphinic peptides for discovery of MMP inhibitors on solid-phase 2002 , 443-444		1
16	Metallo-Organozymes with Specific Proteolytic Activity. <i>Chemistry - A European Journal</i> , 2018 , 24, 17424-17428	1.8	1
15	Introduction to combinatorial solid-phase assays for enzyme activity and inhibition. <i>Methods in Molecular Biology</i> , 1998 , 87, 51-7	1.4	
14	Backbone amide protection in solid-phase synthesis of peptide isosters derived from N-terminal Aldehydes 2002 , 146-147		
13	Preparation of an unprotected phosphotyrosine building block and its application in solid-phase synthesis of phosphopeptides. <i>International Journal of Peptide Research and Therapeutics</i> , 1999 , 6, 193-197		
12	Investigation of enzyme activity and inhibition in the interior of novel solid supports 2002 , 14-20		

- 11 A combinatorial approach to the identification of cysteine protease substrates and inhibitors by application of a solid-phase fluorescence quenching assay **2002**, 456-458
- 10 SPOCC resins: Polar and chemically inert resins for organic synthesis and library enzyme assays **2002**, 176-178
- 9 Oxidation of Threonine and Serine Residues on Solid-Phase: Pyrazine Formation by Dess-Martin Periodinane Oxidation **2001**, 269-270
- 8 Analysis of O- and N-linked glycopeptide libraries by MALDI-TOF MS: Application in solid phase assays of carbohydrate-binding-proteins **2002**, 45-46
- 7 MC4R as a Target for Pharmacotherapeutic Treatment of Obesity and Type 2 Diabetes **2020**, 935-946
- 6 Solid phase synthesis of internally quenched protease substrates **1991**, 208-209
- 5 New self-indicating, activated esters for solid phase peptide synthesis **1991**, 192-193
- 4 Identification of Protease Inhibitors Using Biocompatible Resins and Library Synthesis **1999**, 77-83
- 3 Novel Application of Peptidyl-Lys Metallopeptidase as a C-Terminal Processing Protease. *Protein and Peptide Letters*, **2016**, 23, 396-403 1.9
- 2 Organozymes: Molecular Engineering and Combinatorial Selection of Peptidic Organo- and Transition-Metal Catalysts **333-360**
- 1 Comparative studies of adhesion peptides based on l- or d-amino acids. *Journal of Peptide Science*, **2016**, 22, 642-646 2.1