

# Knud J Jensen

## List of Publications by Citations

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187  
papers

5,084  
citations

38  
h-index

62  
g-index

232  
ext. papers

5,785  
ext. citations

6.2  
avg, IF

5.56  
L-index

#	Paper	IF	Citations
187	Backbone Amide Linker (BAL) Strategy for Solid-Phase Synthesis of C-Terminal-Modified and Cyclic Peptides <sup>1,2,3</sup> . <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 5441-5452	16.4	273
186	Receptor-mediated exopolysaccharide perception controls bacterial infection. <i>Nature</i> , <b>2015</b> , 523, 308-12	50.4	260
185	Legume receptors perceive the rhizobial lipochitin oligosaccharide signal molecules by direct binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 13855-64	11.5	235
184	Microwave heating in solid-phase peptide synthesis. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 1826-44	58.5	214
183	Solid-phase chemical tools for glycobiology. <i>Carbohydrate Research</i> , <b>2006</b> , 341, 1209-34	2.9	126
182	Half-Life Extension of Biopharmaceuticals using Chemical Methods: Alternatives to PEGylation. <i>ChemMedChem</i> , <b>2016</b> , 11, 2474-2495	3.7	102
181	Fmoc solid-phase synthesis of peptide thioesters by masking as trithioortho esters. <i>Organic Letters</i> , <b>2003</b> , 5, 2951-3	6.2	101
180	Impact of chain length on antibacterial activity and hemocompatibility of quaternary N-alkyl and n,n-dialkyl chitosan derivatives. <i>Biomacromolecules</i> , <b>2015</b> , 16, 1449-60	6.9	99
179	Membrane curvature sensing by amphipathic helices: a single liposome study using Eynuclein and annexin B12. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 42603-42614	5.4	89
178	Backbone amide linker in solid-phase synthesis. <i>Chemical Reviews</i> , <b>2009</b> , 109, 2092-118	68.1	89
177	Membrane curvature enables N-Ras lipid anchor sorting to liquid-ordered membrane phases. <i>Nature Chemical Biology</i> , <b>2015</b> , 11, 192-4	11.7	82
176	A high-throughput O-glycopeptide discovery platform for seromic profiling. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 5250-61	5.6	80
175	O-Glycosylations under neutral or basic conditions. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , <b>2002</b> , 2219-2233		78
174	Solid-phase oligosaccharide and glycopeptide synthesis using glycosynthases. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 4143-9	4.2	76
173	Solid-Phase Synthesis with Tris(alkoxy)benzyl Backbone Amide Linkage (BAL) <sup>III</sup> . <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 2787-2795	4.8	76
172	Antimicrobial peptide shows enhanced activity and reduced toxicity upon grafting to chitosan polymers. <i>Chemical Communications</i> , <b>2015</b> , 51, 11611-4	5.8	74
171	Fmoc solid-phase synthesis of C-terminal peptide thioesters by formation of a backbone pyroglutamyl imide moiety. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7411-4	16.4	72

170	Nucleophilic catalysis of carbohydrate oxime formation by anilines. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 1752-5	4.2	64
169	Softening of POPC membranes by magainin. <i>Biophysical Chemistry</i> , <b>2008</b> , 137, 7-12	3.5	64
168	Synthesis of 2-Acetamido-2-deoxy-β-D-glucopyranose O-Glycopeptides from N-Dithiasuccinoyl-Protected Derivatives 1-3. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 3148-3155	16.4	61
167	Carbohydrates in peptide and protein design. <i>Biopolymers</i> , <b>2005</b> , 80, 747-61	2.2	58
166	New dendrimer-peptide host-guest complexes: towards dendrimers as peptide carriers. <i>ChemBioChem</i> , <b>2002</b> , 3, 433-9	3.8	57
165	Synthesis of N,N,N-trimethyl chitosan homopolymer and highly substituted N-alkyl-N,N-dimethyl chitosan derivatives with the aid of di-tert-butyl dimethylsilyl chitosan. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 1451-1460	10.3	55
164	Chemoselective capture of glycans for analysis on gold nanoparticles: carbohydrate oxime tautomers provide functional recognition by proteins. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1649-60	4.8	55
163	Membrane curvature regulates ligand-specific membrane sorting of GPCRs in living cells. <i>Nature Chemical Biology</i> , <b>2017</b> , 13, 724-729	11.7	54
162	Self-assembling peptides form nanodiscs that stabilize membrane proteins. <i>Soft Matter</i> , <b>2014</b> , 10, 738-53	3.6	54
161	Chemoselective Reactions for the Synthesis of Glycoconjugates from Unprotected Carbohydrates. <i>ChemBioChem</i> , <b>2017</b> , 18, 574-612	3.8	53
160	Pentafluorophenyl esters for the temporary protection of the β-carboxy group in solid phase glycopeptide synthesis. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1990</b> , 483-485		53
159	Improved characterization of nod factors and genetically based variation in LysM Receptor domains identify amino acids expendable for nod factor recognition in Lotus spp. <i>Molecular Plant-Microbe Interactions</i> , <b>2010</b> , 23, 58-66	3.6	50
158	Insulin analog with additional disulfide bond has increased stability and preserved activity. <i>Protein Science</i> , <b>2013</b> , 22, 296-305	6.3	48
157	Total synthesis of desB30 insulin analogues by biomimetic folding of single-chain precursors. <i>ChemBioChem</i> , <b>2008</b> , 9, 2989-96	3.8	48
156	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> , <b>1993</b> , 2119		48
155	Carbopeptides: chemoselective ligation of peptide aldehydes to an aminoxy-functionalized D-galactose template. <i>Journal of Peptide Science</i> , <b>2000</b> , 6, 290-9	2.1	46
154	Improved PET imaging of uPAR expression using new (64)Cu-labeled cross-bridged peptide ligands: comparative in vitro and in vivo studies. <i>Theranostics</i> , <b>2013</b> , 3, 618-32	12.1	42
153	Monolayer assemblies of a de novo designed 4-α-helix bundle carboprotein and its sulfur anchor fragment on Au(111) surfaces addressed by voltammetry and in situ scanning tunneling microscopy. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 94-104	16.4	42

152	Solid-phase synthesis of C-terminal peptide aldehydes from amino acetals anchored to a backbone amide linker (BAL) handle. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 6131-6135	2	42
151	Carboproteins: a 4-alpha-helix bundle protein model assembled on a D-galactopyranoside template. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2001</b> , 11, 697-700	2.9	40
150	Microwave Heating for Solid-Phase Peptide Synthesis: General Evaluation and Application to 15-mer Phosphopeptides. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2006</b> , 12, 349-357	2.1	37
149	A new, efficient glycosylation method for oligosaccharide synthesis under neutral conditions: preparation and use of new DISAL donors. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 6268-75	4.2	37
148	Thiophene backbone amide linkers, a new class of easily prepared and highly acid-labile linkers for solid-phase synthesis. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6734-41	4.2	32
147	The ortho backbone amide linker (o-BAL) is an easily prepared and highly acid-labile handle for solid-phase synthesis. <i>ACS Combinatorial Science</i> , <b>2002</b> , 4, 223-8		32
146	Peptide-oligonucleotide conjugates as nanoscale building blocks for assembly of an artificial three-helix protein mimic. <i>Nature Communications</i> , <b>2016</b> , 7, 12294	17.4	31
145	COMU: scope and limitations of the latest innovation in peptide acyl transfer reagents. <i>Journal of Peptide Science</i> , <b>2013</b> , 19, 408-14	2.1	30
144	Random glycopeptide bead libraries for seromic biomarker discovery. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 6705-14	5.6	30
143	Chemoselective Reagents for Covalent Capture and Display of Glycans in Microarrays. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 540-554	3.2	29
142	An intermolecular binding mechanism involving multiple LysM domains mediates carbohydrate recognition by an endopeptidase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2015</b> , 71, 592-605		28
141	Immobilization of pectin fragments on solid supports: novel coupling by thiazolidine formation. <i>Bioconjugate Chemistry</i> , <b>2002</b> , 13, 285-94	6.3	28
140	Epidermal LysM receptor ensures robust symbiotic signalling in. <i>ELife</i> , <b>2018</b> , 7,	8.9	28
139	Characterization of the viral O-glycopeptidome: a novel tool of relevance for vaccine design and serodiagnosis. <i>Journal of Virology</i> , <b>2012</b> , 86, 6268-78	6.6	27
138	Intramolecular glycosylation under neutral conditions for synthesis of 1,4-linked disaccharides. <i>Organic Letters</i> , <b>2001</b> , 3, 687-90	6.2	27
137	Peptide Half-Life Extension: Divalent, Small-Molecule Albumin Interactions Direct the Systemic Properties of Glucagon-Like Peptide 1 (GLP-1) Analogues. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7434-7446	8.3	26
136	Ultrasmall TPGS-PLGA Hybrid Nanoparticles for Site-Specific Delivery of Antibiotics into Biofilms in Lungs. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 380-389	9.5	26
135	Dimeric peptides with three different linkers self-assemble with phospholipids to form peptide nanodiscs that stabilize membrane proteins. <i>Soft Matter</i> , <b>2016</b> , 12, 5937-49	3.6	25

134	Reconsidering glycosylations at high temperature: precise microwave heating. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 3966-70	3.9	25
133	Controlled self-assembly of re-engineered insulin by Fe(II). <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7198-204	4.2	24
132	Carbohydrates as templates for control of distance-geometry in de novo-designed proteins. <i>Cellular and Molecular Life Sciences</i> , <b>2002</b> , 59, 859-69	10.3	24
131	Monosaccharide templates for de novo designed 4-alpha-helix bundle proteins: template effects in carboproteins. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 2247-52	3.9	24
130	Novel covalently linked insulin dimer engineered to investigate the function of insulin dimerization. <i>PLoS ONE</i> , <b>2012</b> , 7, e30882	3.7	24
129	Synthesis and evaluation of novel lipidated neuromedin U analogs with increased stability and effects on food intake. <i>Journal of Peptide Science</i> , <b>2015</b> , 21, 85-94	2.1	23
128	Peptide dithiodiethanol esters for in situ generation of thioesters for use in native ligation. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 2105-2107	2	23
127	Use of the Dithiasuccinoyl (Dts) Amino Protecting Group for Solid-Phase Synthesis of Protected Peptide Nucleic Acid (PNA) Oligomers 1-3. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 7281-7289	4.2	23
126	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> , <b>1994</b> , 3287		23
125	Selective N-terminal acylation of peptides and proteins with a Gly-His tag sequence. <i>Nature Communications</i> , <b>2018</b> , 9, 3307	17.4	22
124	Linkers, resins, and general procedures for solid-phase peptide synthesis. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1047, 23-41	1.4	22
123	Antisense Oligonucleotides Internally Labeled with Peptides Show Improved Target Recognition and Stability to Enzymatic Degradation. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 768-774	6.3	22
122	Synthesis of benzaldehyde-functionalized glycans: a novel approach towards glyco-SAMs as a tool for surface plasmon resonance studies. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7017-29	4.8	22
121	Ligand-recognizing motifs in plant LysM receptors are major determinants of specificity. <i>Science</i> , <b>2020</b> , 369, 663-670	33.3	22
120	Neoglycolipids for Prolonging the Effects of Peptides: Self-Assembling Glucagon-like Peptide 1 Analogues with Albumin Binding Properties and Potent in Vivo Efficacy. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 193-205	5.6	21
119	Solid-supported enzymatic synthesis of pectic oligogalacturonides and their analysis by MALDI-TOF mass spectrometry. <i>Carbohydrate Research</i> , <b>2003</b> , 338, 1951-60	2.9	21
118	DISAL glycosyl donors for efficient glycosylations under acidic conditions: Application to solid-phase oligosaccharide synthesis. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , <b>2001</b> , 2175-2182		21
117	Direct chemoselective synthesis of glyconanoparticles from unprotected reducing glycans and glycopeptide aldehydes. <i>Chemical Communications</i> , <b>2009</b> , 6367-9	5.8	20

116	Elucidation of the contribution of active site and exosite interactions to affinity and specificity of peptidyl serine protease inhibitors using non-natural arginine analogs. <i>Molecular Pharmacology</i> , <b>2011</b> , 80, 585-97	4.3	20
115	Semi-automated microwave-assisted SPPS: Optimization of protocols and synthesis of difficult sequences. <i>Biopolymers</i> , <b>2010</b> , 94, 206-12	2.2	20
114	Automated SX-YSrobot for peptide synthesis with microwave heating: application to difficult peptide sequences and protein domains. <i>Journal of Peptide Science</i> , <b>2010</b> , 16, 506-12	2.1	20
113	4,6-O-Benzylidene Directed $\beta$ -Mannosylation Without Intermediate Triflate Formation? Comparison of Trichloroacetimidate and DISAL Donors in Microwave-Promoted Glycosylations under Neutral Conditions. <i>Journal of Carbohydrate Chemistry</i> , <b>2007</b> , 26, 349-368	1.7	20
112	Carbopeptides: carbohydrates as potential templates for de novo design of protein models. <i>Chemical Biology and Drug Design</i> , <b>2000</b> , 56, 3-11		20
111	A plant chitinase controls cortical infection thread progression and nitrogen-fixing symbiosis. <i>ELife</i> , <b>2018</b> , 7,	8.9	20
110	GUB06-046, a novel secretin/glucagon-like peptide 1 co-agonist, decreases food intake, improves glycemic control, and preserves beta cell mass in diabetic mice. <i>Journal of Peptide Science</i> , <b>2017</b> , 23, 845-854	2.1	19
109	End-to-end assembly of gold nanorods via oligopeptide linking and surfactant control. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 376, 83-90	9.3	19
108	Regioselective fluorescent labeling of N,N,N-trimethyl chitosan via oxime formation. <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 1273-80	10.3	19
107	Two dialkoxynaphthalene aldehydes as backbone amide linkers for solid-phase synthesis. <i>ACS Combinatorial Science</i> , <b>2004</b> , 6, 497-503		19
106	DISAL glycosyl donors for the synthesis of a linear hexasaccharide under mild conditions. <i>Organic Letters</i> , <b>2003</b> , 5, 1309-12	6.2	19
105	A cyclic peptidic serine protease inhibitor: increasing affinity by increasing peptide flexibility. <i>PLoS ONE</i> , <b>2014</b> , 9, e115872	3.7	18
104	Fractionation, solid-phase immobilization and chemical degradation of long pectin oligogalacturonides. Initial steps towards sequencing of oligosaccharides. <i>Carbohydrate Research</i> , <b>2006</b> , 341, 118-29	2.9	18
103	Role of the peri-effect in synthesis and reactivity of highly substituted naphthaldehydes: a novel backbone amide linker for solid-phase synthesis. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 508-14	3.9	18
102	Membrane Curvature and Lipid Composition Synergize To Regulate N-Ras Anchor Recruitment. <i>Biophysical Journal</i> , <b>2017</b> , 113, 1269-1279	2.9	17
101	Design of Cyclic Peptides <b>2009</b> , 133-176		17
100	Solid-phase oligosaccharide synthesis with tris(alkoxy)benzyl amine (BAL) safety-catch anchoring. <i>Chemical Communications</i> , <b>2000</b> , 147-148	5.8	17
99	Effect of residual water and microwave heating on the half-life of the reagents and reactive intermediates in peptide synthesis. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 9024-31	4.8	16

98	Bicyclic peptide inhibitor of urokinase-type plasminogen activator: mode of action. <i>ChemBioChem</i> , <b>2013</b> , 14, 2179-88	3.8	16
97	Hierarchical self-assembly of designed 2 x 2-alpha-helix bundle proteins on Au(111) surfaces. <i>Langmuir</i> , <b>2006</b> , 22, 6661-7	4	16
96	Combinatorial solid-phase synthesis of hapalosin mimetics. <i>ACS Combinatorial Science</i> , <b>2000</b> , 2, 143-50		16
95	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> , <b>1996</b> , 1001		16
94	Microwave Heating in the Solid-Phase Synthesis of N-Methylated Peptides: When Is Room Temperature Better?. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 7106-7111	3.2	15
93	The binding mechanism of a peptidic cyclic serine protease inhibitor. <i>Journal of Molecular Biology</i> , <b>2011</b> , 412, 235-50	6.5	15
92	Synthesis of functionalized de novo designed 8-16 kDa model proteins towards metal ion-binding and esterase activity. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 2225-33	3.9	15
91	Solid-phase synthesis of new saphenamycin analogues with antimicrobial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 171-5	2.9	15
90	Modifying the conserved C-terminal tyrosine of the peptide hormone PYY3-36 to improve Y2 receptor selectivity. <i>Journal of Peptide Science</i> , <b>2009</b> , 15, 753-9	2.1	14
89	How Membrane Geometry Regulates Protein Sorting Independently of Mean Curvature. <i>ACS Central Science</i> , <b>2020</b> , 6, 1159-1168	16.8	13
88	GoldFerrocene Glyco-Nanoparticles for High-Sensitivity Electrochemical Detection of CarbohydrateLectin Interactions. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 2793-2801	3.2	13
87	Peptide hormone isoforms: N-terminally branched PYY3-36 isoforms give improved lipid and fat-cell metabolism in diet-induced obese mice. <i>Journal of Peptide Science</i> , <b>2010</b> , 16, 664-73	2.1	13
86	On-bead chemical synthesis and display of phosphopeptides for affinity pull-down proteomics. <i>ChemBioChem</i> , <b>2006</b> , 7, 623-30	3.8	13
85	Efficient synthesis of glycosylated phenazine natural products and analogs with DISAL (methyl 3,5-dinitrosalicylate) glycosyl donors. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 3147-53	3.9	13
84	Metal ion controlled self-assembly of a chemically reengineered protein drug studied by small-angle X-ray scattering. <i>Langmuir</i> , <b>2012</b> , 28, 12159-70	4	12
83	3- Instead of 4-helix formation in a de novo designed protein in solution revealed by small-angle X-ray scattering. <i>ChemBioChem</i> , <b>2008</b> , 9, 2663-72	3.8	12
82	Large-Scale Biophysical Evaluation of Protein PEGylation Effects: In Vitro Properties of 61 Protein Entities. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 1587-98	5.6	12
81	Preparation of glycoconjugates from unprotected carbohydrates for protein-binding studies. <i>Nature Protocols</i> , <b>2017</b> , 12, 2411-2422	18.8	11

80	Half-Life Extending Modifications of Peptide YY Direct Receptor-Mediated Internalization. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 3665-3677	5.6	11
79	Solid-phase peptide synthesis: an introduction. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1047, 1-21	1.4	11
78	Kinetic analysis of inhibition of glucoamylase and active site mutants via chemoselective oxime immobilization of acarbose on SPR chip surfaces. <i>Carbohydrate Research</i> , <b>2013</b> , 375, 21-8	2.9	11
77	Additional disulfide bonds in insulin: Prediction, recombinant expression, receptor binding affinity, and stability. <i>Protein Science</i> , <b>2015</b> , 24, 779-88	6.3	11
76	Perfluoroalkyl chains direct novel self-assembly of insulin. <i>Langmuir</i> , <b>2012</b> , 28, 593-603	4	11
75	The ABC of Insulin: The Organic Chemistry of a Small Protein. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8341-8357	4.8	10
74	Lipo-chitin oligosaccharides immobilized through oximes in glycan microarrays bind LysM proteins. <i>ChemBioChem</i> , <b>2014</b> , 15, 425-34	3.8	10
73	Instruments for automated peptide synthesis. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1047, 215-24	1.4	10
72	Integrin Targeting and Toxicological Assessment of Peptide-Conjugated Liposome Delivery Systems to Activated Endothelial Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2017</b> , 120, 380-389	3.1	10
71	Self-assembly of designed coiled coil peptides studied by small-angle X-ray scattering and analytical ultracentrifugation. <i>Journal of Peptide Science</i> , <b>2013</b> , 19, 283-92	2.1	10
70	Glucosamine derived DISAL donors for stereoselective glycosylations under neutral conditions. <i>Tetrahedron: Asymmetry</i> , <b>2005</b> , 16, 1439-1448		10
69	Synchrotron radiation circular dichroism spectroscopy applied to metmyoglobin and a 4-alpha-helix bundle carboprotein. <i>Biopolymers</i> , <b>2005</b> , 78, 46-52	2.2	10
68	2,4-DIMETHOXYBENZYL: AN AMIDE PROTECTING GROUP FOR 2-ACETAMIDO GLYCOSYL DONORS1. <i>Journal of Carbohydrate Chemistry</i> , <b>2001</b> , 20, 537-548	1.7	10
67	Selection of High-Affinity Peptidic Serine Protease Inhibitors with Increased Binding Entropy from a Back-Flip Library of Peptide-Protease Fusions. <i>Journal of Molecular Biology</i> , <b>2015</b> , 427, 3110-22	6.5	9
66	Folding Topology of a Short Coiled-Coil Peptide Structure Templated by an Oligonucleotide Triplex. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9297-9305	4.8	8
65	Glyco-scan: varying glycosylation in the sequence of the peptide hormone PYY3-36 and its effect on receptor selectivity. <i>ChemBioChem</i> , <b>2010</b> , 11, 366-74	3.8	8
64	Synthesis of Two d-Glucosamine Derived 3,4-Epoxides as Potential Scaffolds for Combinatorial Chemistry. <i>Journal of Carbohydrate Chemistry</i> , <b>2003</b> , 22, 179-184	1.7	8
63	Phenazines and Natural Products; Novel Synthesis of Saphenic Acid. <i>Synthesis</i> , <b>1999</b> , 1999, 1763-1766	2.9	8



62	Solid-phase synthesis of phosphopeptides. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1047, 191-9	1.4	8
61	Linear Multiepitope (Glyco)peptides for Type-Specific Serology of Herpes Simplex Virus (HSV) Infections. <i>ACS Infectious Diseases</i> , <b>2017</b> , 3, 360-367	5.5	7
60	Construction of Insulin 18-mer Nanoassemblies Driven by Coordination to Iron(II) and Zinc(II) Ions at Distinct Sites. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 2378-81	16.4	7
59	Chemically synthesized 58-mer LysM domain binds lipochitin oligosaccharide. <i>ChemBioChem</i> , <b>2014</b> , 15, 2097-105	3.8	7
58	Interconversion of active and inactive conformations of urokinase-type plasminogen activator. <i>Biochemistry</i> , <b>2012</b> , 51, 7804-11	3.2	7
57	Multivalent display of the antimicrobial peptides BP100 and BP143. <i>Beilstein Journal of Organic Chemistry</i> , <b>2012</b> , 8, 2106-17	2.5	7
56	Improving membrane binding as a design strategy for amphipathic peptide hormones: 2-helix variants of PYY3-36. <i>Journal of Peptide Science</i> , <b>2012</b> , 18, 579-87	2.1	7
55	Probing protein phosphatase substrate binding: affinity pull-down of ILKAP phosphatase 2C with phosphopeptides. <i>Molecular BioSystems</i> , <b>2012</b> , 8, 1452-60		7
54	Identification of anchor points for chemical modification of a small cysteine-rich protein by using a cysteine scan. <i>ChemBioChem</i> , <b>2011</b> , 12, 2448-55	3.8	7
53	Glycoconjugate Oxime Formation Catalyzed at Neutral pH: Mechanistic Insights and Applications of 1,4-Diaminobenzene as a Superior Catalyst for Complex Carbohydrates. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1219-1230	6.3	6
52	Site-selective three-component reaction for dual-functionalization of peptides. <i>Chemical Communications</i> , <b>2013</b> , 49, 1936-8	5.8	6
51	Carbohydrate-Modified Gold Nanoparticles <b>2015</b> , 79-98		6
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