

Knud J Jensen

List of Publications by Year in Descending Order

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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.

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	Chirality transmission in macromolecular domains.. <i>Nature Communications</i> , 2022 , 13, 76	17.4	1
186	Kinetic proofreading of lipochitooligosaccharides determines signal activation of symbiotic plant receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
185	High-Performance Reversed-Phase Flash Chromatography Purification of Peptides and Chemically Modified Insulins. <i>ChemBioChem</i> , 2021 , 22, 1818-1822	3.8	1
184	An Aldehyde Responsive, Cleavable Linker for Glucose Responsive Insulins. <i>Chemistry - A European Journal</i> , 2021 , 27, 3166-3176	4.8	5
183	Polyamine-Functionalized 2SAmino-LNA in Oligonucleotides: Facile Synthesis of New Monomers and High-Affinity Binding towards ssDNA and dsDNA. <i>Chemistry - A European Journal</i> , 2021 , 27, 1416-1422	4.8	1
182	Carbohydrate-Derived Metal-Chelator-Triggered Lipids for Liposomal Drug Delivery. <i>Chemistry - A European Journal</i> , 2021 , 27, 6917-6922	4.8	3
181	Safety-catch linkers for Fmoc solid-phase synthesis of peptide thioesters and hydrazides by amide-to-imide activation. <i>Journal of Peptide Science</i> , 2021 , 27, e3364	2.1	
180	Membrane anchoring facilitates colocalization of enzymes in plant cytochrome P450 redox systems. <i>Communications Biology</i> , 2021 , 4, 1057	6.7	0
179	IRDye800CW labeled uPAR-targeting peptide for fluorescence-guided glioblastoma surgery: Preclinical studies in orthotopic xenografts. <i>Theranostics</i> , 2021 , 11, 7159-7174	12.1	3
178	Controlling the fractal dimension in self-assembly of terpyridine modified insulin by Fe and Eu to direct in vivo effects. <i>Nanoscale</i> , 2021 , 13, 8467-8473	7.7	1
177	The ABC of Insulin: The Organic Chemistry of a Small Protein. <i>Chemistry - A European Journal</i> , 2020 , 26, 8341-8357	4.8	10
176	How Membrane Geometry Regulates Protein Sorting Independently of Mean Curvature. <i>ACS Central Science</i> , 2020 , 6, 1159-1168	16.8	13
175	Synthesis and Characterization of Adamantane-Containing Heteropeptides with a Chirality Switch. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 815-820	3.2	
174	Self-Assembly of DNA-Peptide Supermolecules: Coiled-Coil Peptide Structures Templated by d-DNA and l-DNA Triplexes Exhibit Chirality-Independent but Orientation-Dependent Stabilizing Cooperativity. <i>Chemistry - A European Journal</i> , 2020 , 26, 5676-5684	4.8	4
173	Ultrasmall TPGS-PLGA Hybrid Nanoparticles for Site-Specific Delivery of Antibiotics into Biofilms in Lungs. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 380-389	9.5	26
172	Bioimaging and Biodistribution of the Metal-Ion-Controlled Self-Assembly of PYY Studied by SPECT/CT. <i>ChemBioChem</i> , 2020 , 21, 3338-3348	3.8	2
171	Ligand-recognizing motifs in plant LysM receptors are major determinants of specificity. <i>Science</i> , 2020 , 369, 663-670	33.3	22

170	Half-Life Extending Modifications of Peptide YY Direct Receptor-Mediated Internalization. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3665-3677	5.6	11
169	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> , 2018 , 29, 1219-1230	6.3	6
168	Synergy of Two Highly Specific Biomolecular Recognition Events: Aligning an AT-Hook Peptide in DNA Minor Grooves via Covalent Conjugation to 2SAmino-LNA. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1025-1029	6.3	4
167	Selective N-terminal acylation of peptides and proteins with a Gly-His tag sequence. <i>Nature Communications</i> , 2018 , 9, 3307	17.4	22
166	A plant chitinase controls cortical infection thread progression and nitrogen-fixing symbiosis. <i>ELife</i> , 2018 , 7,	8.9	20
165	Brain-Targeting Delivery of Two Peptidyl Inhibitors for Their Combination Therapy in Transgenic Polyglutamine Disease Mice via Intranasal Administration. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5781-5792	5.6	4
164	Epidermal LysM receptor ensures robust symbiotic signalling in. <i>ELife</i> , 2018 , 7,	8.9	28
163	Chemoselective Reactions for the Synthesis of Glycoconjugates from Unprotected Carbohydrates. <i>ChemBioChem</i> , 2017 , 18, 574-612	3.8	53
162	Linear Multiepitope (Glyco)peptides for Type-Specific Serology of Herpes Simplex Virus (HSV) Infections. <i>ACS Infectious Diseases</i> , 2017 , 3, 360-367	5.5	7
161	Membrane curvature regulates ligand-specific membrane sorting of GPCRs in living cells. <i>Nature Chemical Biology</i> , 2017 , 13, 724-729	11.7	54
160	Folding Topology of a Short Coiled-Coil Peptide Structure Templated by an Oligonucleotide Triplex. <i>Chemistry - A European Journal</i> , 2017 , 23, 9297-9305	4.8	8
159	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> , 2017 , 14, 193-205	5.6	21
158	Preparation of glycoconjugates from unprotected carbohydrates for protein-binding studies. <i>Nature Protocols</i> , 2017 , 12, 2411-2422	18.8	11
157	A brain-targeting lipidated peptide for neutralizing RNA-mediated toxicity in Polyglutamine Diseases. <i>Scientific Reports</i> , 2017 , 7, 12077	4.9	5
156	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> , 2017 , 23, 845-854	3.1	19
155	Membrane Curvature and Lipid Composition Synergize To Regulate N-Ras Anchor Recruitment. <i>Biophysical Journal</i> , 2017 , 113, 1269-1279	2.9	17
154	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> , 2017 , 60, 7434-7446	8.3	26
153	Antisense Oligonucleotides Internally Labeled with Peptides Show Improved Target Recognition and Stability to Enzymatic Degradation. <i>Bioconjugate Chemistry</i> , 2017 , 28, 768-774	6.3	22

152	Integrin Targeting and Toxicological Assessment of Peptide-Conjugated Liposome Delivery Systems to Activated Endothelial Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 120, 380-389	3.1	10
151	Half-Life Extension of Biopharmaceuticals using Chemical Methods: Alternatives to PEGylation. <i>ChemMedChem</i> , 2016 , 11, 2474-2495	3.7	102
150	Peptide-oligonucleotide conjugates as nanoscale building blocks for assembly of an artificial three-helix protein mimic. <i>Nature Communications</i> , 2016 , 7, 12294	17.4	31
149	Peptide-Stabilized, Fluorescent Silver Nanoclusters: Solid-Phase Synthesis and Screening. <i>Chemistry - A European Journal</i> , 2016 , 22, 18492-18500	4.8	5
148	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> , 2016 , 55, 2378-81	16.4	7
147	Construction of Insulin 18-mer Nanoassemblies Driven by Coordination to Iron(II) and Zinc(II) Ions at Distinct Sites. <i>Angewandte Chemie</i> , 2016 , 128, 2424-2427	3.6	3
146	Dimeric peptides with three different linkers self-assemble with phospholipids to form peptide nanodiscs that stabilize membrane proteins. <i>Soft Matter</i> , 2016 , 12, 5937-49	3.6	25
145	Large-Scale Biophysical Evaluation of Protein PEGylation Effects: In Vitro Properties of 61 Protein Entities. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1587-98	5.6	12
144	Expression, receptor binding, and biophysical characterization of guinea pig insulin desB30: a monomeric insulin variant. <i>ChemBioChem</i> , 2015 , 16, 954-8	3.8	2
143	Receptor-mediated exopolysaccharide perception controls bacterial infection. <i>Nature</i> , 2015 , 523, 308-12	5.4	260
142	An intermolecular binding mechanism involving multiple LysM domains mediates carbohydrate recognition by an endopeptidase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015 , 71, 592-605		28
141	Antimicrobial peptide shows enhanced activity and reduced toxicity upon grafting to chitosan polymers. <i>Chemical Communications</i> , 2015 , 51, 11611-4	5.8	74
140	Distinctive binding modes and inhibitory mechanisms of two peptidic inhibitors of urokinase-type plasminogen activator with isomeric P1 residues. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 62, 88-92	5.6	2
139	Ultramild protein-mediated click chemistry creates efficient oligonucleotide probes for targeting and detecting nucleic acids. <i>ChemBioChem</i> , 2015 , 16, 1163-7	3.8	4
138	Impact of chain length on antibacterial activity and hemocompatibility of quaternary N-alkyl and n,n-dialkyl chitosan derivatives. <i>Biomacromolecules</i> , 2015 , 16, 1449-60	6.9	99
137	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> , 2015 , 427, 3110-22	6.5	9
136	Carbohydrate-Modified Gold Nanoparticles 2015 , 79-98		6
135	Synthesis and evaluation of novel lipidated neuromedin U analogs with increased stability and effects on food intake. <i>Journal of Peptide Science</i> , 2015 , 21, 85-94	2.1	23

134	A de Novo-Designed Monomeric, Compact Three-Helix-Bundle Protein on a Carbohydrate Template. <i>ChemBioChem</i> , 2015 , 16, 1905-1918	3.8	2
133	The road to the first, fully active and more stable human insulin variant with an additional disulfide bond. <i>Journal of Peptide Science</i> , 2015 , 21, 797-806	2.1	6
132	Additional disulfide bonds in insulin: Prediction, recombinant expression, receptor binding affinity, and stability. <i>Protein Science</i> , 2015 , 24, 779-88	6.3	11
131	Membrane curvature enables N-Ras lipid anchor sorting to liquid-ordered membrane phases. <i>Nature Chemical Biology</i> , 2015 , 11, 192-4	11.7	82
130	Chemically synthesized 58-mer LysM domain binds lipochitin oligosaccharide. <i>ChemBioChem</i> , 2014 , 15, 2097-105	3.8	7
129	Lipochitin oligosaccharides immobilized through oximes in glycan microarrays bind LysM proteins. <i>ChemBioChem</i> , 2014 , 15, 425-34	3.8	10
128	Self-assembling peptides form nanodiscs that stabilize membrane proteins. <i>Soft Matter</i> , 2014 , 10, 738-53.6	5.6	54
127	A cyclic peptidic serine protease inhibitor: increasing affinity by increasing peptide flexibility. <i>PLoS ONE</i> , 2014 , 9, e115872	3.7	18
126	Linkers, resins, and general procedures for solid-phase peptide synthesis. <i>Methods in Molecular Biology</i> , 2013 , 1047, 23-41	1.4	22
125	Solid-phase peptide synthesis: an introduction. <i>Methods in Molecular Biology</i> , 2013 , 1047, 1-21	1.4	11
124	Instruments for automated peptide synthesis. <i>Methods in Molecular Biology</i> , 2013 , 1047, 215-24	1.4	10
123	Site-selective three-component reaction for dual-functionalization of peptides. <i>Chemical Communications</i> , 2013 , 49, 1936-8	5.8	6
122	Kinetic analysis of inhibition of glucoamylase and active site mutants via chemoselective oxime immobilization of acarbose on SPR chip surfaces. <i>Carbohydrate Research</i> , 2013 , 375, 21-8	2.9	11
121	Self-assembly of designed coiled coil peptides studied by small-angle X-ray scattering and analytical ultracentrifugation. <i>Journal of Peptide Science</i> , 2013 , 19, 283-92	2.1	10
120	COMU: scope and limitations of the latest innovation in peptide acyl transfer reagents. <i>Journal of Peptide Science</i> , 2013 , 19, 408-14	2.1	30
119	GoldFerrocene Glyco-Nanoparticles for High-Sensitivity Electrochemical Detection of CarbohydrateLectin Interactions. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2793-2801	3.2	13
118	Leonidas Zervas award lecture: abiotic ligands for new quaternary architectures of peptides and proteins. <i>Journal of Peptide Science</i> , 2013 , 19, 537-44	2.1	4
117	Insulin analog with additional disulfide bond has increased stability and preserved activity. <i>Protein Science</i> , 2013 , 22, 296-305	6.3	48

116	Bicyclic peptide inhibitor of urokinase-type plasminogen activator: mode of action. <i>ChemBioChem</i> , 2013 , 14, 2179-88	3.8	16
115	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> , 2013 , 3, 618-32	12.1	42
114	Synthesis of N-methylated peptides: on-resin methylation and microwave-assisted couplings. <i>Methods in Molecular Biology</i> , 2013 , 1047, 141-9	1.4	5
113	Solid-phase synthesis of phosphopeptides. <i>Methods in Molecular Biology</i> , 2013 , 1047, 191-9	1.4	8
112	Microwave-assisted solid-phase peptide synthesis using the biotage Syro Wave. <i>Methods in Molecular Biology</i> , 2013 , 1047, 225-34	1.4	2
111	Peptide release, side-chain deprotection, work-up, and isolation. <i>Methods in Molecular Biology</i> , 2013 , 1047, 43-63	1.4	2
110	Synthesis of C-terminal peptide thioesters using Fmoc-based solid-phase peptide chemistry. <i>Methods in Molecular Biology</i> , 2013 , 1047, 119-29	1.4	4
109	Backbone amide linker strategy: protocols for the synthesis of C-terminal peptide aldehydes. <i>Methods in Molecular Biology</i> , 2013 , 1047, 131-9	1.4	0
108	End-to-end assembly of gold nanorods via oligopeptide linking and surfactant control. <i>Journal of Colloid and Interface Science</i> , 2012 , 376, 83-90	9.3	19
107	Peptide Synthesis 2012 , 1-16		
106	Microwave Heating in the Solid-Phase Synthesis of N-Methylated Peptides: When Is Room Temperature Better?. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 7106-7111	3.2	15
105	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> , 2012 , 109, 13855-64	11.5	235
104	Perfluoroalkyl chains direct novel self-assembly of insulin. <i>Langmuir</i> , 2012 , 28, 593-603	4	11
103	Metal ion controlled self-assembly of a chemically reengineered protein drug studied by small-angle X-ray scattering. <i>Langmuir</i> , 2012 , 28, 12159-70	4	12
102	Interconversion of active and inactive conformations of urokinase-type plasminogen activator. <i>Biochemistry</i> , 2012 , 51, 7804-11	3.2	7
101	Regioselective fluorescent labeling of N,N,N-trimethyl chitosan via oxime formation. <i>Carbohydrate Polymers</i> , 2012 , 90, 1273-80	10.3	19
100	Multivalent display of the antimicrobial peptides BP100 and BP143. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 2106-17	2.5	7
99	Improving membrane binding as a design strategy for amphipathic peptide hormones: 2-helix variants of PYY3-36. <i>Journal of Peptide Science</i> , 2012 , 18, 579-87	2.1	7

98	Microwave heating in solid-phase peptide synthesis. <i>Chemical Society Reviews</i> , 2012 , 41, 1826-44	58.5	214
97	Probing protein phosphatase substrate binding: affinity pull-down of ILKAP phosphatase 2C with phosphopeptides. <i>Molecular BioSystems</i> , 2012 , 8, 1452-60		7
96	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> , 2012 , 18, 9024-31	4.8	16
95	Characterization of the viral O-glycopeptidome: a novel tool of relevance for vaccine design and serodiagnosis. <i>Journal of Virology</i> , 2012 , 86, 6268-78	6.6	27
94	Novel covalently linked insulin dimer engineered to investigate the function of insulin dimerization. <i>PLoS ONE</i> , 2012 , 7, e30882	3.7	24
93	The binding mechanism of a peptidic cyclic serine protease inhibitor. <i>Journal of Molecular Biology</i> , 2011 , 412, 235-50	6.5	15
92	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> , 2011 , 86, 1451-1460	10.3	55
91	Membrane curvature sensing by amphipathic helices: a single liposome study using β -synuclein and annexin B12. <i>Journal of Biological Chemistry</i> , 2011 , 286, 42603-42614	5.4	89
90	Controlled self-assembly of re-engineered insulin by Fe(II). <i>Chemistry - A European Journal</i> , 2011 , 17, 7198-204	4.2	24
89	Identification of anchor points for chemical modification of a small cysteine-rich protein by using a cysteine scan. <i>ChemBioChem</i> , 2011 , 12, 2448-55	3.8	7
88	Inside Cover: Identification of Anchor Points for Chemical Modification of a Small Cysteine-Rich Protein by Using a Cysteine Scan (ChemBioChem 16/2011). <i>ChemBioChem</i> , 2011 , 12, 2378-2378	3.8	
87	Chemoselectivity and Glyconanoparticles. <i>ACS Symposium Series</i> , 2011 , 37-48	0.4	1
86	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> , 2011 , 80, 585-97	4.3	20
85	A high-throughput O-glycopeptide discovery platform for seromic profiling. <i>Journal of Proteome Research</i> , 2010 , 9, 5250-61	5.6	80
84	Random glycopeptide bead libraries for seromic biomarker discovery. <i>Journal of Proteome Research</i> , 2010 , 9, 6705-14	5.6	30
83	Nucleophilic catalysis of carbohydrate oxime formation by anilines. <i>Journal of Organic Chemistry</i> , 2010 , 75, 1752-5	4.2	64
82	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> , 2010 , 23, 58-66	3.6	50
81	Peptide architecture: adding an alpha-helix to the PYY lysine side chain provides nanomolar binding and body-weight-lowering effects. <i>ChemMedChem</i> , 2010 , 5, 545-51	3.7	3

80	Chemoselective Reagents for Covalent Capture and Display of Glycans in Microarrays. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 540-554	3.2	29
79	Glyco-scan: varying glycosylation in the sequence of the peptide hormone PYY3-36 and its effect on receptor selectivity. <i>ChemBioChem</i> , 2010 , 11, 366-74	3.8	8
78	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> , 2010 , 16, 7017-29	4.8	22
77	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
76	Semi-automated microwave-assisted SPPS: Optimization of protocols and synthesis of difficult sequences. <i>Biopolymers</i> , 2010 , 94, 206-12	2.2	20
75	Automated SX-YSrobot for peptide synthesis with microwave heating: application to difficult peptide sequences and protein domains. <i>Journal of Peptide Science</i> , 2010 , 16, 506-12	2.1	20
74	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> , 2010 , 16, 664-73	2.1	13
73	Direct chemoselective synthesis of glyconanoparticles from unprotected reducing glycans and glycopeptide aldehydes. <i>Chemical Communications</i> , 2009 , 6367-9	5.8	20
72	Design of Insulin Variants for Improved Treatment of Diabetes 2009 , 249-286		4
71	Chemoselective capture of glycans for analysis on gold nanoparticles: carbohydrate oxime tautomers provide functional recognition by proteins. <i>Chemistry - A European Journal</i> , 2009 , 15, 1649-60	4.8	55
70	Fmoc solid-phase synthesis of C-terminal peptide thioesters by formation of a backbone pyrroglutamyl imide moiety. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7411-4	16.4	72
69	Modifying the conserved C-terminal tyrosine of the peptide hormone PYY3-36 to improve Y2 receptor selectivity. <i>Journal of Peptide Science</i> , 2009 , 15, 753-9	2.1	14
68	De Novo Design of Proteins 2009 , 207-248		1
67	Aspects of Peptidomimetics 2009 , 49-131		6
66	Computational Approaches in Peptide and Protein Design: An Overview 2009 , 5-48		2
65	Design of Cyclic Peptides 2009 , 133-176		17
64	Carbohydrates in Peptide and Protein Design 2009 , 177-206		1
63	Backbone amide linker in solid-phase synthesis. <i>Chemical Reviews</i> , 2009 , 109, 2092-118	68.1	89

62	General solid-phase phosphopeptide proteomics with affinity pull-down. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 215-6	3.6	
61	THAL, a sterically unhindered linker for the solid-phase synthesis of acid-sensitive protected peptide acids. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7342-4	4.2	4
60	3- Instead of 4-helix formation in a de novo designed protein in solution revealed by small-angle X-ray scattering. <i>ChemBioChem</i> , 2008 , 9, 2663-72	3.8	12
59	Total synthesis of desB30 insulin analogues by biomimetic folding of single-chain precursors. <i>ChemBioChem</i> , 2008 , 9, 2989-96	3.8	48
58	Softening of POPC membranes by magainin. <i>Biophysical Chemistry</i> , 2008 , 137, 7-12	3.5	64
57	Peptide dithiodiethanol esters for in situ generation of thioesters for use in native ligation. <i>Tetrahedron Letters</i> , 2007 , 48, 2105-2107	2	23
56	X-Ray Crystal Structure of a Highly Functionalized Thiophene as a New Backbone Amide Linker for Solid-phase Peptide Synthesis. Relationship between Crystal Structure and Reactivity. <i>International Journal of Peptide Research and Therapeutics</i> , 2007 , 13, 209-212	2.1	2
55	Synthesis of functionalized de novo designed 8-16 kDa model proteins towards metal ion-binding and esterase activity. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2225-33	3.9	15
54	4,6-O-Benzylidene Directed β -Mannosylation Without Intermediate Triflate Formation? Comparison of Trichloroacetimidate and DISAL Donors in Microwave-Promoted Glycosylations under Neutral Conditions. <i>Journal of Carbohydrate Chemistry</i> , 2007 , 26, 349-368	1.7	20
53	Fractionation, solid-phase immobilization and chemical degradation of long pectin oligogalacturonides. Initial steps towards sequencing of oligosaccharides. <i>Carbohydrate Research</i> , 2006 , 341, 118-29	2.9	18
52	Solid-phase chemical tools for glycobiology. <i>Carbohydrate Research</i> , 2006 , 341, 1209-34	2.9	126
51	On-bead chemical synthesis and display of phosphopeptides for affinity pull-down proteomics. <i>ChemBioChem</i> , 2006 , 7, 623-30	3.8	13
50	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> , 2006 , 71, 6734-41	4.2	32
49	Hierarchical self-assembly of designed 2 x 2-alpha-helix bundle proteins on Au(111) surfaces. <i>Langmuir</i> , 2006 , 22, 6661-7	4	16
48	Phosphopeptide Proteomics with On-Bead Chemical Synthesis and Display on PEGA Support 2006 , 777-778		
47	Steric Effects in Release of Amides from Linkers in Solid-Phase Synthesis. Molecular Mechanics Modeling of Key Step in Peptide and Combinatorial Chemistry. <i>International Journal of Peptide Research and Therapeutics</i> , 2006 , 12, 335-339	2.1	3
46	Microwave Heating for Solid-Phase Peptide Synthesis: General Evaluation and Application to 15-mer Phosphopeptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2006 , 12, 349-357	2.1	37
45	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> , 2005 , 3, 508-14	3.9	18

44	Reconsidering glycosylations at high temperature: precise microwave heating. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 3966-70	3.9	25
43	Glucosamine derived DISAL donors for stereoselective glycosylations under neutral conditions. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 1439-1448		10
42	Synchrotron radiation circular dichroism spectroscopy applied to metmyoglobin and a 4-alpha-helix bundle carboprotein. <i>Biopolymers</i> , 2005 , 78, 46-52	2.2	10
41	Carbohydrates in peptide and protein design. <i>Biopolymers</i> , 2005 , 80, 747-61	2.2	58
40	Two dialkoxynaphthalene aldehydes as backbone amide linkers for solid-phase synthesis. <i>ACS Combinatorial Science</i> , 2004 , 6, 497-503		19
39	Farnesylated peptides in model membranes: a biophysical investigation. <i>European Biophysics Journal</i> , 2004 , 33, 300-9	1.9	5
38	Synthesis of Two d-Glucosamine Derived 3,4-Epoxides as Potential Scaffolds for Combinatorial Chemistry. <i>Journal of Carbohydrate Chemistry</i> , 2003 , 22, 179-184	1.7	8
37	Solid-supported enzymatic synthesis of pectic oligogalacturonides and their analysis by MALDI-TOF mass spectrometry. <i>Carbohydrate Research</i> , 2003 , 338, 1951-60	2.9	21
36	DISAL glycosyl donors for the synthesis of a linear hexasaccharide under mild conditions. <i>Organic Letters</i> , 2003 , 5, 1309-12	6.2	19
35	Monolayer assemblies of a de novo designed 4-alpha-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> , 2003 , 125, 94-104	16.4	42
34	Monosaccharide templates for de novo designed 4-alpha-helix bundle proteins: template effects in carboproteins. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 2247-52	3.9	24
33	Efficient synthesis of glycosylated phenazine natural products and analogs with DISAL (methyl 3,5-dinitrosalicylate) glycosyl donors. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3147-53	3.9	13
32	Fmoc solid-phase synthesis of peptide thioesters by masking as trithioortho esters. <i>Organic Letters</i> , 2003 , 5, 2951-3	6.2	101
31	New dendrimer-peptide host-guest complexes: towards dendrimers as peptide carriers. <i>ChemBioChem</i> , 2002 , 3, 433-9	3.8	57
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