

# Rob M J Liskamp

## List of Publications by Year in descending order

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316  
papers

15,310  
citations

22153

59  
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24982

109  
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337  
all docs

337  
docs citations

337  
times ranked

13194  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macromodel?an integrated software system for modeling organic and bioorganic molecules using molecular mechanics. Journal of Computational Chemistry, 1990, 11, 440-467.	3.3	3,727
2	Different Membrane Anchoring Positions of Tryptophan and Lysine in Synthetic Transmembrane $\hat{\pm}$ -Helical Peptides. Journal of Biological Chemistry, 1999, 274, 20839-20846.	3.4	298
3	Synthesis and Applications of Biomedical and Pharmaceutical Polymers via Click Chemistry Methodologies. Bioconjugate Chemistry, 2009, 20, 2001-2016.	3.6	266
4	Wedgelike Glycodendrimers as Inhibitors of Binding of Mammalian Galectins to Glycoproteins, Lactose Maxiclusters, and Cell Surface Glycoconjugates. ChemBioChem, 2001, 2, 822.	2.6	206
5	Improved targeting of the $\hat{\pm}$ $\hat{\nu}$ $\hat{2}$ 3 integrin by multimerisation of RGD peptides. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 267-273.	6.4	195
6	Synthesis of DOTA-conjugated multivalent cyclic-RGD peptide dendrimers via 1,3-dipolar cycloaddition and their biological evaluation: implications for tumor targeting and tumor imaging purposes. Organic and Biomolecular Chemistry, 2007, 5, 935.	2.8	180
7	Tilt Angles of Transmembrane Model Peptides in Oriented and Non-Oriented Lipid Bilayers as Determined by 2H Solid-State NMR. Biophysical Journal, 2004, 86, 3709-3721.	0.5	172
8	Sensitivity of Single Membrane-Spanning $\hat{\pm}$ -Helical Peptides to Hydrophobic Mismatch with a Lipid Bilayer:â€™ Effects on Backbone Structure, Orientation, and Extent of Membrane Incorporation. Biochemistry, 2001, 40, 5000-5010.	2.5	171
9	Islet Amyloid Polypeptide Inserts into Phospholipid Monolayers as Monomer. Journal of Molecular Biology, 2006, 356, 783-789.	4.2	170
10	Conformationally restricted amino acids and dipeptides, (non)peptidomimetics and secondary structure mimetics. Recueil Des Travaux Chimiques Des Pays-Bas, 1994, 113, 1-19.	0.0	167
11	Peptides and Proteins as a Continuing Exciting Source of Inspiration for Peptidomimetics. ChemBioChem, 2011, 12, 1626-1653.	2.6	144
12	Synthesis of Peptidosulfinamides and Peptidosulfonamides: Peptidomimetics Containing the Sulfinamide or Sulfonamide Transition-State Isostere. Journal of Organic Chemistry, 1995, 60, 5157-5169.	3.2	136
13	Structural Insight into the Recognition of the H3K4me3 Mark by the TFIID Subunit TAF3. Structure, 2008, 16, 1245-1256.	3.3	123
14	Efficient microwave-assisted synthesis of multivalent dendrimeric peptides using cycloaddition reaction (click) chemistry. Chemical Communications, 2005, , 4581.	4.1	120
15	Computer-assisted molecular modeling of tumor promoters: rationale for the activity of phorbol esters, teleocidin B, and aplysiatoxin.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 241-245.	7.1	117
16	Synthesis and Characterization of Enzymatically Biodegradable PEG and Peptide-Based Hydrogels Prepared by Click Chemistry. Biomacromolecules, 2010, 11, 1608-1614.	5.4	112
17	Rigidified multivalent lactose molecules and their interactions with mammalian galectins: a route to selective inhibitors. Organic and Biomolecular Chemistry, 2003, 1, 803-810.	2.8	111
18	Lipid Dependence of Membrane Anchoring Properties and Snorkeling Behavior of Aromatic and Charged Residues in Transmembrane Peptidesâ€™. Biochemistry, 2002, 41, 7190-7198.	2.5	106

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19	Solid-Phase Syntheses of Peptoids using Fmoc-Protected N-Substituted Glycines: The Synthesis of (Retro)Peptoids of Leu-Enkephalin and Substance P. <i>Chemistry - A European Journal</i> , 1998, 4, 1570-1580.	3.3	102
20	Glucocorticoid-Loaded Core-Cross-Linked Polymeric Micelles with Tailorable Release Kinetics for Targeted Therapy of Rheumatoid Arthritis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7254-7258.	13.8	102
21	Strong Inhibition of Cholera Toxin by Multivalent GM1 Derivatives. <i>ChemBioChem</i> , 2007, 8, 1500-1503.	2.6	101
22	High-Yielding Microwave-Assisted Synthesis of Triazole-Linked Glycodendrimers by Copper-Catalyzed [3+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3182-3185.	2.4	99
23	Specificity and Function of the Individual Amino Acids of an Important Determinant of Human Immunodeficiency Virus Type 1 that Induces Neutralizing Activity. <i>Journal of General Virology</i> , 1989, 70, 1505-1512.	2.9	96
24	Influence of Flanking Residues on Tilt and Rotation Angles of Transmembrane Peptides in Lipid Bilayers. A Solid-State <sup>2</sup> H NMR Study. <i>Biochemistry</i> , 2005, 44, 1004-1012.	2.5	95
25	The Effects of Hydrophobic Mismatch between Phosphatidylcholine Bilayers and Transmembrane $\alpha$ -Helical Peptides Depend on the Nature of Interfacially Exposed Aromatic and Charged Residues. <i>Biochemistry</i> , 2002, 41, 8396-8404.	2.5	94
26	Synthesis of Cyclic Peptides by Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2000, 65, 6187-6195.	3.2	93
27	Highly Efficient Coupling of $\alpha$ -Substituted Aminoethane Sulfonyl Azides with Thio Acids, toward a New Chemical Ligation Reaction. <i>Organic Letters</i> , 2005, 7, 1125-1128.	4.6	91
28	Site-specific N-alkylation of peptides on the solid phase. <i>Tetrahedron Letters</i> , 1998, 39, 1243-1246.	1.4	87
29	Inhibition of <i>Streptococcus suis</i> Adhesion by Dendritic Galabiose Compounds at Low Nanomolar Concentration. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6499-6508.	6.4	85
30	Multivalent Carbohydrate Recognition on a Glycodendrimer-Functionalized Flow-Through Chip. <i>ChemBioChem</i> , 2008, 9, 1836-1844.	2.6	83
31	Photocrosslinking and Click Chemistry Enable the Specific Detection of Proteins Interacting with Phospholipids at the Membrane Interface. <i>Chemistry and Biology</i> , 2009, 16, 3-14.	6.0	83
32	Synthesis of peptides containing a sulfinamide or a sulfonamide transition-state isostere. <i>Tetrahedron</i> , 1993, 49, 1133-1150.	1.9	82
33	The Vancomycin-Nisin(1 <sup>st</sup> -12) Hybrid Restores Activity against Vancomycin Resistant Enterococci. <i>Biochemistry</i> , 2008, 47, 12661-12663.	2.5	82
34	Opportunities for New Chemical Libraries: Unnatural Biopolymers and Diversomers. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 633-636.	4.4	81
35	Peptides containing a sulfinamide or a sulfonamide moiety: New transition-state analogues. <i>Tetrahedron Letters</i> , 1991, 32, 409-412.	1.4	77
36	Synthesis and cholera toxin binding properties of multivalent GM1 mimics. Electronic supplementary information (ESI) available: characterization of the polyvalent compounds ? imide by-products. See <a href="http://www.rsc.org/suppdata/ob/b4/b405344c/">http://www.rsc.org/suppdata/ob/b4/b405344c/</a> . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2113.	2.8	77

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37	Synthesis of DOTA-Conjugated Multimeric [Tyr <sup>3</sup> ]Octreotide Peptides via a Combination of Cu(I)-Catalyzed $\text{Cu}^{\text{I}}$ -Click-Cycloaddition and Thio Acid/Sulfonyl Azide $\text{Cu}^{\text{I}}$ -Sulfo-Click-Amidation and Their in Vivo Evaluation. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3944-3953.	6.4	77
38	N-Terminal Residues of the Chemotaxis Inhibitory Protein of <i>Staphylococcus aureus</i> Are Essential for Blocking Formylated Peptide Receptor but Not C5a Receptor. <i>Journal of Immunology</i> , 2004, 173, 5704-5711.	0.8	76
39	Effects of linker variation on the in vitro and in vivo characteristics of an <sup>111</sup> In-labeled RGD peptide. <i>Nuclear Medicine and Biology</i> , 2007, 34, 29-35.	0.6	76
40	$\beta$ -Sheet Structured $\beta$ -Amyloid(1-40) Perturbs Phosphatidylcholine Model Membranes. <i>Journal of Molecular Biology</i> , 2007, 368, 982-997.	4.2	75
41	Strong inhibition of cholera toxin binding by galactose dendrimers. <i>Chemical Communications</i> , 2007, , 5043.	4.1	75
42	Enhanced Membrane Pore Formation by Multimeric/Oligomeric Antimicrobial Peptides. <i>Biochemistry</i> , 2007, 46, 13437-13442.	2.5	74
43	Solid-Phase Synthesis of Oligoureia Peptidomimetics Employing the Fmoc Protection Strategy. <i>Journal of Organic Chemistry</i> , 2001, 66, 8454-8462.	3.2	72
44	Selective Inhibition of the Immunoproteasome by Ligand-Induced Crosslinking of the Active Site. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11969-11973.	13.8	71
45	Synthesis of Lactose Dendrimers and Multivalency Effects in Binding to the Cholera Toxin B Subunit. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 4685.	2.4	70
46	Synthesis and Characterization of Biodegradable Peptide-Based Polymers Prepared by Microwave-Assisted Click Chemistry. <i>Biomacromolecules</i> , 2008, 9, 2834-2843.	5.4	69
47	Rolling Loop Scan: An Approach Featuring Ring-Closing Metathesis for Generating Libraries of Peptides with Molecular Shapes Mimicking Bioactive Conformations or Local Folding of Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3684-3687.	13.8	68
48	Inhibition of Amyloid Fibril Formation of Human Amylin by N-Alkylated Amino Acid and -Hydroxy Acid Residue Containing Peptides. <i>Chemistry - A European Journal</i> , 2002, 8, 4285-4291.	3.3	68
49	Peptido Sulfonyl Fluorides as New Powerful Proteasome Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10995-11003.	6.4	67
50	Total synthesis of the antibiotic sparsomycin, a modified uracil amino acid monoxodithioacetal. <i>Journal of Organic Chemistry</i> , 1981, 46, 3273-3283.	3.2	66
51	Application of the 1,3-Dipolar Cycloaddition Reaction in Chemical Biology: Approaches Toward Multivalent Carbohydrates and Peptides and Peptide-Based Polymers. <i>QSAR and Combinatorial Science</i> , 2007, 26, 1181-1190.	1.4	65
52	Rapid Screening of Lectins for Multivalency Effects with a Glycodendrimer Microarray. <i>ChemBioChem</i> , 2010, 11, 1896-1904.	2.6	65
53	Solid-phase synthesis of a naturally occurring $\beta$ -(1 $\rightarrow$ 5)-linked d-galactofuranosyl heptamer containing the artificial linkage arm L-homoserine. <i>Tetrahedron Letters</i> , 1987, 28, 6695-6698.	1.4	64
54	Combinatorial Chemistry for Ligand Development in Catalysis: Synthesis and Catalysis Screening of Peptidosulfonamide Tweezers on the Solid Phase. <i>Journal of Organic Chemistry</i> , 2000, 65, 1750-1757.	3.2	64

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55	Development of a Novel Chemical Probe for the Selective Enrichment of Phosphorylated Serine- and Threonine-Containing Peptides. <i>ChemBioChem</i> , 2005, 6, 2271-2280.	2.6	64
56	Convenient Preparation of Bactericidal Hydrogels by Covalent Attachment of Stabilized Antimicrobial Peptides Using Thiol-ene Click Chemistry. <i>ACS Macro Letters</i> , 2014, 3, 477-480.	4.8	64
57	A New Chemical Probe for Proteomics of Carbohydrate-Binding Proteins. <i>ChemBioChem</i> , 2005, 6, 291-295.	2.6	63
58	Novel multivalent mannose compounds and their inhibition of the adhesion of type 1 fimbriated uropathogenic <i>E. coli</i> . <i>Tetrahedron: Asymmetry</i> , 2005, 16, 361-372.	1.8	62
59	Ring-Closing Alkyne Metathesis Approach toward the Synthesis of Alkyne Mimics of Thioether A-, B-, C-, and DE-Ring Systems of the Lantibiotic Nisin Z. <i>Organic Letters</i> , 2005, 7, 2961-2964.	4.6	62
60	$\alpha$ - $\beta$ Integrin-targeting of intraperitoneally growing tumors with a radiolabeled RGD peptide. <i>International Journal of Cancer</i> , 2007, 120, 605-610.	5.1	61
61	Activity-based probes for rhomboid proteases discovered in a mass spectrometry-based assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2472-2477.	7.1	60
62	Combinatorial chemistry of hydantoins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 2375-2380.	2.2	59
63	Imprinted Polymers Displaying High Affinity for Sulfated Protein Fragments. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8326-8329.	13.8	59
64	Approaches to the synthesis of ureapeptoid peptidomimetics. <i>Tetrahedron Letters</i> , 1997, 38, 5335-5338.	1.4	58
65	Adhesion Inhibition of F1C-Fimbriated <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> PAK and PAO by Multivalent Carbohydrate Ligands. <i>ChemBioChem</i> , 2003, 4, 1317-1325.	2.6	57
66	The Structure of the C5a Receptor-blocking Domain of Chemotaxis Inhibitory Protein of <i>Staphylococcus aureus</i> is Related to a Group of Immune Evasive Molecules. <i>Journal of Molecular Biology</i> , 2005, 353, 859-872.	4.2	57
67	Characterization and Activity of an Immobilized Antimicrobial Peptide Containing Bactericidal PEG-Hydrogel. <i>Biomacromolecules</i> , 2014, 15, 3390-3395.	5.4	57
68	Synthesis and catalytic application of amino acid based dendritic macromolecules. <i>Tetrahedron Letters</i> , 1999, 40, 1413-1416.	1.4	55
69	Chemoselective coupling of peptide fragments using the Staudinger ligation. <i>Tetrahedron Letters</i> , 2003, 44, 4515-4518.	1.4	53
70	A new chemical probe for the detection of the cancer-linked galectin-3. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4387.	2.8	52
71	Synthesis of a novel amino acid based dendrimer. <i>Tetrahedron Letters</i> , 1997, 38, 631-634.	1.4	51
72	Increased stability of peptid-sulfonamide peptidomimetics towards protease catalyzed degradation. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 1043-1047.	3.0	51

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73	The rational design of TAP inhibitors using peptide substrate modifications and peptidomimetics. <i>European Journal of Immunology</i> , 1997, 27, 898-904.	2.9	50
74	Synthesis and ring-opening reactions of functionalized sultines. New approach to sparsomycin. <i>Journal of Organic Chemistry</i> , 1981, 46, 5408-5413.	3.2	48
75	Molecular diversity of peptidomimetics: Approaches to the solid-phase synthesis of peptidosulfonamides. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 667-672.	3.0	48
76	Synthesis of amides from unprotected amino acids by a simultaneous protection-activation strategy using dichlorodialkyl silanes. <i>Tetrahedron Letters</i> , 2002, 43, 9203-9207.	1.4	48
77	Synthesis of Peptide-Based Polymers by Microwave-Assisted Cycloaddition Backbone Polymerization. <i>Biomacromolecules</i> , 2007, 8, 327-330.	5.4	48
78	Synthesis of Bicyclic Alkene-Alkane-Bridged Nisin Mimics by Ring-Closing Metathesis and their Biochemical Evaluation as Lipid II Binders: toward the Design of Potential Novel Antibiotics. <i>ChemBioChem</i> , 2007, 8, 1540-1554.	2.6	48
79	Click Chemistry for ligation as well as for site-specific conjugation with peptides, fluorophores, and metal chelators. <i>Journal of Peptide Science</i> , 2010, 16, 1-5.	1.4	48
80	Potent and Highly Selective Inhibitors of the Proteasome Trypsin-like Site by Incorporation of Basic Side Chain Containing Amino Acid Derived Sulfonyl Fluorides. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5395-5411.	6.4	48
81	Peptoid-Peptide Hybrids That Bind Syk SH2 Domains Involved in Signal Transduction. <i>ChemBioChem</i> , 2001, 2, 171-179.	2.6	47
82	Synthesis of peptides containing the Î²-substituted aminoethane sulfinamide or sulfonamide transition-state isostere derived from amino acids. <i>Tetrahedron Letters</i> , 1992, 33, 6389-6392.	1.4	46
83	Molecular Diversity of Novel Amino Acid Based Dendrimers. <i>Tetrahedron Letters</i> , 1997, 38, 3085-3088.	1.4	46
84	Detection of pathogenic <i>Streptococcus suis</i> bacteria using magnetic glycoparticles. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2425.	2.8	46
85	A Versatile Method for the Conjugation of Proteins and Peptides to Poly[2-(dimethylamino)ethyl methacrylate]. <i>Bioconjugate Chemistry</i> , 1999, 10, 687-692.	3.6	45
86	Synthesis and biological evaluation of potent Î²3-integrin receptor antagonists. <i>Nuclear Medicine and Biology</i> , 2006, 33, 953-961.	0.6	45
87	A practical solid phase synthesis of oligopeptidosulfonamide foldamers. <i>Tetrahedron Letters</i> , 2000, 41, 7991-7995.	1.4	44
88	Synthesis and biological evaluation of novel irreversible serine protease inhibitors using amino acid based sulfonyl fluorides as an electrophilic trap. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2397-2406.	3.0	43
89	Synthesis of alkene dipeptide isosteres employing the Wittig-Still rearrangement. <i>Tetrahedron</i> , 1992, 48, 6425-6438.	1.9	42
90	Surface Plasmon Resonance Thermodynamic and Kinetic Analysis as a Strategic Tool in Drug Design. Distinct Ways for Phosphopeptides to Plug into Src- and Grb2 SH2 Domains. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 753-763.	6.4	42

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91	Synthesis of Cyclic Peptidosulfonamides by Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2004, 69, 3662-3668.	3.2	41
92	Self-Assembly of Amylin(20â€“29) Amide-Bond Derivatives into Helical Ribbons and Peptide Nanotubes rather than Fibrils. <i>Chemistry - A European Journal</i> , 2006, 12, 3714-3725.	3.3	41
93	Resin-Bound Sulfonyl Azides:â€‰Efficient Loading and Activation Strategy for the Preparation of the N-Acyl Sulfonamide Linker. <i>Journal of Organic Chemistry</i> , 2007, 72, 4574-4577.	3.2	41
94	The State of the Art of Chemical Biology. <i>ChemBioChem</i> , 2009, 10, 16-29.	2.6	41
95	Synthesis of Î²-aminoethanesulfonyl fluorides or 2-substituted taurine sulfonyl fluorides as potential protease inhibitors. <i>Tetrahedron Letters</i> , 2009, 50, 3391-3393.	1.4	41
96	Cellular uptake and localization of fluorescent derivatives of phorbol ester tumor promoters. <i>Biochemical and Biophysical Research Communications</i> , 1985, 131, 920-927.	2.1	40
97	Solid-phase synthesis of peptidosulfonamide containing peptides derived from Leu-enkephalin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 3035-3040.	2.2	40
98	Structure of the Tyrosine-sulfated C5a Receptor N Terminus in Complex with Chemotaxis Inhibitory Protein of <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 12363-12372.	3.4	40
99	Cu(I)- and Ru(II)-Mediated â€œClickâ€•Cyclization of Tripeptides Toward Vancomycin-Inspired Mimics. <i>Organic Letters</i> , 2011, 13, 3438-3441.	4.6	40
100	A Selectively Deprotectable Triazacyclophane Scaffold for the Construction of Artificial Receptors. <i>Organic Letters</i> , 2001, 3, 3499-3502.	4.6	39
101	Cyclotrimeratrylene (CTV) as a New Chiral Triacid Scaffold Capable of Inducing Triple Helix Formation of Collagen Peptides Containing either a Native Sequence or Pro-Hyp-Gly Repeats. <i>Chemistry - A European Journal</i> , 2002, 8, 4613-4621.	3.3	39
102	Proteasome inhibition by new dual warhead containing peptido vinyl sulfonyl fluorides. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3429-3435.	3.0	39
103	Tweezers with Different Bite: Increasing the Affinity of Synthetic Receptors by Varying the Hinge Part. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1846-1850.	13.8	38
104	The Filament-specific Rep1-1 Repellent of the Phytopathogen <i>Ustilago maydis</i> Forms Functional Surface-active Amyloid-like Fibrils. <i>Journal of Biological Chemistry</i> , 2009, 284, 9153-9159.	3.4	38
105	Solid-phase synthesis of O-phosphorothioylserine- and -threonine-containing peptides as well as of O-phosphoserine- and -threonine-containing peptides. <i>Journal of Organic Chemistry</i> , 1993, 58, 1309-1317.	3.2	37
106	Synthesis and Evaluation of New Thiodigalactosideâ€•Based Chemical Probes to Label Galectinâ€•3. <i>ChemBioChem</i> , 2009, 10, 1724-1733.	2.6	36
107	Targeted Covalent Inhibition of Prolyl Oligopeptidase (POP): Discovery of Sulfonylfluoride Peptidomimetics. <i>Cell Chemical Biology</i> , 2018, 25, 1031-1037.e4.	5.2	36
108	An Efficient Synthesis of N-Protected Î²-Aminoethanesulfonyl Chlorides: Versatile Building Blocks for the Synthesis of Oligopeptidosulfonamides. <i>Synthesis</i> , 2000, 2000, 1579-1584.	2.3	35



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109	Cyclic phosphopeptides for interference with Grb2 SH2 domain signal transduction prepared by ring-closing metathesis and phosphorylation. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3297.	2.8	35
110	Enzymatic Synthesis of C-Terminal Arylamides of Amino Acids and Peptides. <i>Journal of Organic Chemistry</i> , 2009, 74, 5145-5150.	3.2	35
111	Synthesis of 1,5-triazole bridged vancomycin CDE-ring bicyclic mimics using RuAAC macrocyclization. <i>Chemical Communications</i> , 2013, 49, 4498.	4.1	35
112	Structure-activity relationships of sparsomycin and its analogs. Inhibition of peptide bond formation in cell-free systems and of L1210 and bacterial cell growth. <i>Journal of Medicinal Chemistry</i> , 1987, 30, 325-333.	6.4	34
113	Reaction of N-trityl amino acids with BOP: Efficient synthesis of t-butyl esters as well as N-trityl serine- and threonine- $\beta$ -lactones. <i>Tetrahedron Letters</i> , 1996, 37, 4237-4240.	1.4	34
114	Probing the Self-Assembly and the Accompanying Structural Changes of Hydrophobin SC3 on a Hydrophobic Surface by Mass Spectrometry. <i>Biophysical Journal</i> , 2004, 87, 1919-1928.	0.5	34
115	Versatile Conjugation of Octreotide to Dendrimers by Cycloaddition (Click) Chemistry to Yield High-Affinity Multivalent Cyclic Peptide Dendrimers. <i>Bioconjugate Chemistry</i> , 2009, 20, 1323-1331.	3.6	34
116	A novel N-myristylated synthetic octapeptide inhibits protein kinase C activity and partially reverses murine fibrosarcoma cell resistance to Adriamycin. <i>Investigational New Drugs</i> , 1991, 9, 169-179.	2.6	33
117	Replacement of the Intervening Amino Acid Sequence of a Syk-Binding Diphosphopeptide by a Nonpeptide Spacer with Preservation of High Affinity. <i>ChemBioChem</i> , 2002, 3, 238-242.	2.6	33
118	Pre-organization induced synthesis of a crossed alkene-bridged nisin Z DE-ring mimic by ring-closing metathesis. <i>Chemical Communications</i> , 2005, , 192.	4.1	33
119	Transformation of the amyloidogenic peptide amylin(20-29) into its corresponding peptoid and retropeptoid: Access to both an amyloid inhibitor and template for self-assembled supramolecular tapes. <i>Inorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1837-1842.	2.2	33
120	Synthesis of multivalent <i>Streptococcus suis</i> adhesion inhibitors by enzymatic cleavage of polygalacturonic acid and click conjugation. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1425.	2.8	33
121	Development of Selective Bisubstrate-Based Inhibitors Against Protein Kinase C (PKC) Isozymes By Using Dynamic Peptide Microarrays. <i>ChemBioChem</i> , 2009, 10, 2042-2051.	2.6	33
122	Inhibition of protein kinase C and calmodulin by the geometric isomers cis- and trans-tamoxifen. <i>Biopolymers</i> , 1990, 29, 97-104.	2.4	32
123	N-myristyl-Lys-Arg-Thr-Leu-Arg: A novel protein kinase C inhibitor. <i>Biochemical Pharmacology</i> , 1990, 39, 49-57.	4.4	32
124	Synthetic receptors based on peptidosulfonamide peptidomimetics. <i>Tetrahedron Letters</i> , 1996, 37, 8253-8256.	1.4	32
125	Synthesis of novel trivalent amino acid glycoconjugates based on the cyclotrimer triazine (CTV) scaffold. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2661-2669.	2.8	32
126	Protein Flexibility and Ligand Rigidity: A Thermodynamic and Kinetic Study of ITAM-Based Ligand Binding to Syk Tandem SH2. <i>ChemBioChem</i> , 2005, 6, 2261-2270.	2.6	32



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127	Thermosensitive Peptide-Hybrid ABC Block Copolymers Obtained by ATRP: Synthesis, Self-Assembly, and Enzymatic Degradation. <i>Macromolecules</i> , 2012, 45, 842-851.	4.8	32
128	Absolute configuration of sparsomycin. A chiroptical study of sulfoxides. <i>Journal of the American Chemical Society</i> , 1981, 103, 1720-1723.	13.7	31
129	Photo-Crosslinking Analysis of Preferential Interactions between a Transmembrane Peptide and Matching Lipids. <i>Biochemistry</i> , 2004, 43, 4482-4489.	2.5	31
130	Alkene- and alkyne-bridged mimics of nisin as potential peptide-based antibiotics. <i>Journal of Molecular Catalysis A</i> , 2006, 254, 68-77.	4.8	31
131	Step-wise and pre-organization induced synthesis of a crossed alkene-bridged nisin Z DE-ring mimic by ring-closing metathesis. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 924.	2.8	31
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133	Peptide transformation leading to peptide-peptidosulfonamide hybrids and oligo peptidosulfonamides. <i>Molecular Diversity</i> , 2004, 8, 79-87.	3.9	30
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