William D Lubell

List of Publications by Year
in descending order

236	8,025	46918 47	66788 78
papers	citations	h-index	g-index

257	257	257	6047
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rho Signaling Pathway Targeted to Promote Spinal Cord Repair. Journal of Neuroscience, 2002, 22, 6570-6577.	1.7	680
2	Design and synthesis of conformationally constrained amino acids as versatile scaffolds and peptide mimetics. Tetrahedron, 1997, 53, 12789-12854.	1.0	583
3	Enantioselective synthesis of Î²-amino acids based on BINAPâ€"ruthenium(II) catalyzed hydrogenation. Tetrahedron: Asymmetry, 1991, 2, 543-554.	1.8	188
4	Synthesis and reactivity of cyclic sulfamidites and sulfamidates. Tetrahedron, 2003, 59, 2581-2616.	1.0	185
5	Steric Effects on the Amide Isomer Equilibrium of Prolyl Peptides. Synthesis and Conformational Analysis ofN-Acetyl-5-tert-butylprolineNâ€˜-Methylamides. Journal of the American Chemical Society, 1996, 118, 12902-12908.	6.6	143
6	Configurational stability of N-protected .alpha.-amino aldehydes. Journal of the American Chemical Society, 1987, 109, 236-239.	6.6	140
7	Azapeptides and their therapeutic potential. Future Medicinal Chemistry, 2011, 3, 1139-1164.	1.1	140
8	Microglia and Interleukin-1Î² in Ischemic Retinopathy Elicit Microvascular Degeneration Through Neuronal Semaphorin-3A. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1881-1891.	1.1	127
9	Novel Noncompetitive IL-1 Receptorâ€"Biased Ligand Prevents Infection- and Inflammation-Induced Preterm Birth. Journal of Immunology, 2015, 195, 3402-3415.	0.4	114
10	Design, synthesis, and conformational analysis of azacycloalkane amino acids as conformationally constrained probes for mimicry of peptide secondary structures. Biopolymers, 2000, 55, 101-122.	1.2	105
11	Antenatal Suppression of IL-1 Protects against Inflammation-Induced Fetal Injury and Improves Neonatal and Developmental Outcomes in Mice. Journal of Immunology, 2017, 198, 2047-2062.	0.4	102
12	Pyrrole protection. Tetrahedron, 2006, 62, 11531-11563.	1.0	97
13	Use of Steric Interactions To Control Peptide Turn Geometry. Synthesis of Type VI Î²-Turn Mimics with 5-tert-Butylproline. Journal of Organic Chemistry, 1999, 64, 3312-3321.	1.7	92
14	Design, synthesis, and application of azabicyclo[X.Y.0]alkanone amino acids as constrained dipeptide surrogates and peptide mimics. Biopolymers, 2005, 80, 98-150.	1.2	87
15	Systematic Study of the Synthesis of Macrocyclic Dipeptide Î²-Turn Mimics Possessing 8-, 9-, and 10-Membered Rings by Ring-Closing Metathesis. Journal of Organic Chemistry, 2005, 70, 3838-3844.	1.7	87
16	A Novel Biased Allosteric Compound Inhibitor of Parturition Selectively Impedes the Prostaglandin F2Î±-mediated Rho/ROCK Signaling Pathway. Journal of Biological Chemistry, 2010, 285, 25624-25636.	1.6	87
17	Cinnamoyl Inhibitors of Tissue Transglutaminase. Journal of Organic Chemistry, 2008, 73, 5766-5775.	1.7	85
18	Azapeptide Synthesis Methods for Expanding Side-Chain Diversity for Biomedical Applications. Accounts of Chemical Research, 2017, 50, 1541-1556.	7.6	85

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19	Effect of Sequence on Peptide Geometry in 5-tert-Butylprolyl Type VI Î²-Turn Mimics. Journal of the American Chemical Society, 2002, 124, 2474-2484.	6.6	84
20	Aza-Amino Acid Scanning of Secondary Structure Suited for Solid-Phase Peptide Synthesis with Fmoc Chemistry and Aza-Amino Acids with Heteroatomic Side Chains. ACS Combinatorial Science, 2005, 7, 864-878.	3.3	78
21	Positional Scanning for Peptide Secondary Structure by Systematic Solid-Phase Synthesis of Amino Lactam Peptides. Journal of the American Chemical Society, 2009, 131, 7917-7927.	6.6	77
22	Aza-Amino Acid Scan for Rapid Identification of Secondary Structure Based on the Application ofN-Boc-Aza1-Dipeptides in Peptide Synthesis. Journal of the American Chemical Society, 2004, 126, 6759-6764.	6.6	75
23	Peptide Scanning for Studying Structureâ€Activity Relationships in Drug Discovery. Chemical Biology and Drug Design, 2013, 81, 148-165.	1.5	73
24	.alpha.-Amino acids as chiral educts for asymmetric products. Alkylation of N-phenylfluorenyl .alpha.-amino ketones. Synthesis of optically pure .alpha.-alkyl carboxylic acids. Journal of the American Chemical Society, 1988, 110, 7447-7455.	6.6	72
25	CD36 plays an important role in the clearance of oxLDL and associated age-dependent sub-retinal deposits. Aging, 2010, 2, 981-989.	1.4	72
26	A critical role of interleukin-1 in preterm labor. Cytokine and Growth Factor Reviews, 2016, 28, 37-51.	3.2	71
27	Rigid Dipeptide Mimetics:Â Efficient Synthesis of Enantiopure Indolizidinone Amino Acids. Journal of Organic Chemistry, 1996, 61, 9437-9446.	1.7	70
28	N-(9-phenylfluoren-9-yl)-.alpha.-amino ketones and N-(9-phenylfluoren-9-yl)-.alpha.-amino aldehydes as chiral educts for the synthesis of optically pure 4-alkyl-3-hydroxy-2-amino acids. Synthesis of the C-9 amino acid MeBmt present in cyclosporin. Journal of Organic Chemistry, 1990, 55, 3511-3522.	1.7	69
29	Regioselective Enolization and Alkylation of 4-Oxo-N-(9-phenylfluoren-9-yl)proline:Â Synthesis of Enantiopure Prolineâ^Valine and Hydroxyprolineâ^Valine Chimeras. Journal of Organic Chemistry, 1996, 61, 202-209.	1.7	68
30	Exploring Side-Chain Diversity by Submonomer Solid-Phase Aza-Peptide Synthesis. Organic Letters, 2009, 11, 3650-3653.	2.4	68
31	Asymmetric synthesis of Î±-amino Î²-hydroxy phosphonic acids via binap-ruthenium catalyzed hydrogenation. Tetrahedron Letters, 1995, 36, 5769-5772.	0.7	67
32	Development of a Novel Noncompetitive Antagonist of IL-1 Receptor. Journal of Immunology, 2008, 180, 6977-6987.	0.4	67
33	Synthesis of Enantiopure .alpha.,.omega.-Diamino Dicarboxylates and Azabicycloalkane Amino Acids by Claisen Condensation of .alpha.-[N-(Phenylfluorenyl)amino] Dicarboxylates. Journal of Organic Chemistry, 1994, 59, 6147-6149.	1.7	66
34	Selectivetert-Butyl Ester Deprotection in the Presence of Acid Labile Protecting Groups with Use of ZnBr2. Journal of Organic Chemistry, 2004, 69, 6131-6133.	1.7	63
35	An Olefination Entry for the Synthesis of Enantiopure Î±,Ï‰-Diaminodicarboxylates and Azabicyclo[X.Y.0]alkane Amino Acidsâ€. Journal of Organic Chemistry, 1998, 63, 7463-7471.	1.7	62
36	Alkyl Substituent Effects on Pipecolyl Amide Isomer Equilibrium:Â Efficient Methodology for Synthesizing Enantiopure 6-Alkylpipecolic Acids and Conformational Analysis of TheirN-AcetylNâ€˜-Methylamides. Journal of Organic Chemistry, 1999, 64, 1993-2002.	1.7	62

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37	Rigid Dipeptide Surrogates:Â Syntheses of Enantiopure Quinolizidinone and Pyrroloazepinone Amino Acids from a Common Diaminodicarboxylate Precursor. Journal of Organic Chemistry, 2000, 65, 2163-2171.	1.7	60
38	Reversible and Competitive Cinnamoyl Triazole Inhibitors of Tissue Transglutaminase. Chemical Biology and Drug Design, 2008, 72, 189-196.	1.5	60
39	Rigid Dipeptide Mimics:â€‰ Synthesis of Enantiopure 5- and 7-Benzyl and 5,7-Dibenzyl Indolizidinone Amino Acids via Enolization and Alkylation of Î´-Oxo Î±,Ï‰-Di-[N-(9-(9-phenylfluorenyl))amino]azelate Esters. Journal of Organic Chemistry, 1998, 63, 5937-5949.	1.7	59
40	5-tert-Butylproline. Journal of Organic Chemistry, 1996, 61, 9447-9454.	1.7	57
41	THG113: A novel selective FP antagonist that delays preterm labor. Seminars in Perinatology, 2002, 26, 389-397.	1.1	55
42	Photoacoustic FTIR Spectroscopy, a Nondestructive Method for Sensitive Analysis of Solid-Phase Organic Chemistry. Journal of Organic Chemistry, 1996, 61, 7980-7981.	1.7	54
43	Diversityâ€Oriented Synthesis of Cyclic Azapeptides by A³â€Macrocyclization Provides Highâ€Affinity CD36â€Modulating Peptidomimetics. Angewandte Chemie - International Edition, 2017, 56, 6284-6288.	7.2	54
44	Structureâ€“Activity Relationships of GHRP-6 Azapeptide Ligands of the CD36 Scavenger Receptor by Solid-Phase Submonomer Azapeptide Synthesis. Journal of the American Chemical Society, 2011, 133, 12493-12506.	6.6	53
45	Alkyl 3-Position Substituents Retard the Isomerization of Prolyl and Hydroxyprolyl Amides in Water. Journal of Organic Chemistry, 1998, 63, 6572-6578.	1.7	51
46	Surrogates for chiral aminomalondialdehyde. Synthesis of N-(9-phenylfluoren-9-yl)serinal and N-(9-phenylfluoren-9-yl)vinylglycinal. Journal of Organic Chemistry, 1989, 54, 3824-3831.	1.7	50
47	Mimicry of Peptide Backbone Geometry and Heteroatomic Side-Chain Functionality:Â Synthesis of Enantiopure Indolizidin-2-one Amino Acids Possessing Alcohol, Acid, and Azide Functional Groups. Journal of Organic Chemistry, 2001, 66, 1171-1180.	1.7	47
48	Scope and limitations in the use of N-(PhF)serine-derived cyclic sulfamidates for amino acid synthesis. Canadian Journal of Chemistry, 2001, 79, 94-104.	0.6	47
49	Synthesis of enantiopure .delta.-oxo .alpha.-amino esters and prolines via acylation of N-(phenylfluorenyl)glutamate enolates. Journal of Organic Chemistry, 1993, 58, 6438-6441.	1.7	46
50	N-(9-(9-Phenylfluorenyl))homoserine-Derived Cyclic Sulfamidates:â€‰ Novel Chiral Educts for the Synthesis of Enantiopure Î³-Substituted Î±-Amino Acids. Organic Letters, 2001, 3, 2965-2968.	2.4	46
51	One-Pot Synthesis of Homoallylic Ketones from the Addition of Vinyl Grignard Reagent to Carboxylic Esters. Organic Letters, 2003, 5, 4887-4890.	2.4	44
52	Modified peptide monolayer binding His-tagged biomolecules for small ligand screening with SPR biosensors. Analyst, The, 2011, 136, 3142.	1.7	44
53	Poly(vinyl alcohol)-graft-poly(ethylene glycol) resins and their use in solid-phase synthesis and supported TEMPO catalysis. Chemical Communications, 2007, , 2136.	2.2	43
54	Synthesis of Enantiopure 7-[3-Azidopropyl]indolizidin-2-one Amino Acid. A Constrained Mimic of the Peptide Backbone Geometry and Heteroatomic Side-Chain Functionality of the Ala-Lys Dipeptide. Journal of Organic Chemistry, 2001, 66, 1181-1185.	1.7	42

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55	Solutionâ€phase submonomer diversification of azaâ€dipeptide building blocks and their application in azaâ€peptide and azaâ€DKP synthesis. Journal of Peptide Science, 2010, 16, 284-296.	0.8	42
56	1,4-Diazepinone and Pyrrolodiazepinone Syntheses via Homoallylic Ketones from Cascade Addition of Vinyl Grignard Reagent to Î±-Aminoacyl-Î²-amino Esters. Organic Letters, 2006, 8, 3425-3428.	2.4	41
57	Î²,Î²-Disubstituted C- and N-Vinylindoles from One-Step Condensations of Aldehydes and Indole Derivatives. Journal of Organic Chemistry, 2009, 74, 5603-5606.	1.7	41
58	Cyclic Aza-peptide Integrin Ligand Synthesis and Biological Activity. Journal of Organic Chemistry, 2012, 77, 5271-5278.	1.7	41
59	Effective synthesis of enantiopure hydroxamates by displacement of resin-bound esters with hydroxylamine. Tetrahedron Letters, 2000, 41, 457-460.	0.7	40
60	The bioorganic chemistry of transglutaminase â€" from mechanism to inhibition and engineering. Canadian Journal of Chemistry, 2008, 86, 271-276.	0.6	39
61	Probing Opioid Receptor Interactions with Azacycloalkane Amino Acids. Synthesis of a Potent and Selective ORL1 Antagonist. Journal of Medicinal Chemistry, 2002, 45, 5353-5357.	2.9	38
62	Design, synthesis, conformational analysis and application of indolizidin-2-one dipeptide mimics. Organic and Biomolecular Chemistry, 2014, 12, 5052-5070.	1.5	38
63	Large Structural Modification with Conserved Conformation:Â Analysis of Î”3-Fused Aryl Prolines in Model Î²-Turns. Journal of the American Chemical Society, 2004, 126, 14334-14335.	6.6	37
64	A Study of the Relationship between Biological Activity and Prolyl Amide Isomer Geometry in Oxytocin Using 5-tert-Butylproline To Augment the Cys6-Pro7AmideCis-Isomer Population. Journal of Medicinal Chemistry, 2000, 43, 1448-1455.	2.9	36
65	4-Alkoxy- and 4-Amino-2,2â€˜-bipyrrole Synthesis. Organic Letters, 2006, 8, 6107-6110.	2.4	35
66	From Macrocycle Dipeptide Lactams To Azabicyclo[X.Y.0]alkanone Amino Acids:â€‰ A Transannular Cyclization Route for Peptide Mimic Synthesis. Organic Letters, 2006, 8, 2851-2854.	2.4	35
67	N-Amino-imidazolin-2-one Peptide Mimic Synthesis and Conformational Analysis. Organic Letters, 2012, 14, 4552-4555.	2.4	35
68	Insight into Transannular Cyclization Reactions To Synthesize Azabicyclo[X.Y.Z]alkanone Amino Acid Derivatives from 8-, 9-, and 10-Membered Macrocyclic Dipeptide Lactams. Journal of Organic Chemistry, 2015, 80, 4904-4918.	1.7	35
69	SPOCC-194, a New High Functional Group Density PEG-Based Resin for Solid-Phase Organic Synthesis. ACS Combinatorial Science, 2002, 4, 523-529.	3.3	33
70	Azapeptide Analogues of the Growth Hormone Releasing Peptide 6 as Cluster of Differentiation 36 Receptor Ligands with Reduced Affinity for the Growth Hormone Secretagogue Receptor 1a. Journal of Medicinal Chemistry, 2012, 55, 6502-6511.	2.9	33
71	Applications of Î³,Î´-Unsaturated Ketones Synthesized by Copper-Catalyzed Cascade Addition of Vinyl Grignard Reagents to Esters. Accounts of Chemical Research, 2018, 51, 2574-2588.	7.6	33
72	An examination of the steric effects of 5-tert-butylproline on the conformation of polyproline and the cooperative nature of type II to type I helical interconversion. Biopolymers, 2000, 53, 249-256.	1.2	32

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73	Racemization in the Use ofN-(9-(9-Phenylfluorenyl))Serine-Derived Cyclic Sulfamidates in the Synthesis of Î´-Keto Î±-Amino Carboxylates and Prolines. Organic Letters, 2000, 2, 2595-2598.	2.4	31
74	An Effective New Synthesis of 4-Aminopyrrole-2-carboxylatesâ€. Organic Letters, 2002, 4, 2601-2603.	2.4	31
75	Efficient Synthesis of Enantiopure Pyrrolizidinone Amino Acid. Journal of Organic Chemistry, 2003, 68, 6988-6996.	1.7	31
76	Synthesis of Fused Heteroarylprolines and Pyrrolopyrroles. Journal of Organic Chemistry, 2004, 69, 4656-4662.	1.7	31
77	Bis(pyrrol-2-yl)arylenes from the Tandem Bidirectional Addition of Vinyl Grignard Reagent to Aryl Diesters. Journal of Organic Chemistry, 2005, 70, 7996-8000.	1.7	31
78	Three-Step Solution-Phase Combinatorial Access to 1,2-Disubstituted and 1,2,5-Trisubstituted Pyrroles from Carboxylic Esters. ACS Combinatorial Science, 2004, 6, 893-898.	3.3	30
79	Targeting the Prostaglandin F2Î± Receptor for Preventing Preterm Labor with Azapeptide Tocolytics. Journal of Medicinal Chemistry, 2011, 54, 6085-6097.	2.9	30
80	Multicomponent Diversity-Oriented Synthesis of Aza-Lysine-Peptide Mimics. Organic Letters, 2014, 16, 298-301.	2.4	30
81	Î³-Turn Mimicry with Benzodiazepinones and Pyrrolobenzodiazepinones Synthesized from a Common Amino Ketone Intermediate. Organic Letters, 2015, 17, 3592-3595.	2.4	30
82	Serine as Chiral Educt for the Practical Synthesis of Enantiopure N-Protected Î²-Hydroxyvalineâ€. Journal of Organic Chemistry, 2003, 68, 177-179.	1.7	29
83	Synthesis of Enantiopure Arylkainoids: Preparation of (2S)-.DELTA.3-4-Phenylkainic Acid. Journal of Organic Chemistry, 1995, 60, 2658-2659.	1.7	28
84	Benzophenone semicarbazone protection strategy for synthesis of azaâ€glycine containing azaâ€peptides. Biopolymers, 2008, 90, 824-831.	1.2	28
85	Structureâ€“Activity Analysis of the Growth Hormone Secretagogue GHRPâ€6 by Î±â€•and Î²â€Amino Î³â€Lactam Positional Scanning. Chemical Biology and Drug Design, 2010, 75, 40-50.	1.5	28
86	A Practical Enantioselective Synthesis of .alpha.-Amino Dicarboxylates. Preparation of D- and L-.alpha.-Aminoadipate, -.alpha.-Aminopimelate, and -.alpha.-Aminosuberate. Journal of Organic Chemistry, 1994, 59, 3676-3680.	1.7	27
87	Calcitonin Gene-Related Peptide Analogues with Aza and Indolizidinone Amino Acid Residues Reveal Conformational Requirements for Antagonist Activity at the Human Calcitonin Gene-Related Peptide 1 Receptor. Journal of Medicinal Chemistry, 2007, 50, 1401-1408.	2.9	27
88	Aza-1,2,3-triazole-3-alanine Synthesis via Copper-Catalyzed 1,3-Dipolar Cycloaddition on Aza-progargylglycine. Journal of Organic Chemistry, 2010, 75, 5385-5387.	1.7	27
89	Urotensin II^(4â€“11) Azasulfuryl Peptides: Synthesis and Biological Activity. Journal of Medicinal Chemistry, 2016, 59, 4740-4752.	2.9	27
90	Bicaudal C mutation causes myc and TOR pathway up-regulation and polycystic kidney disease-like phenotypes in Drosophila. PLoS Genetics, 2017, 13, e1006694.	1.5	27

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91	Synthesis of hydrazine and azapeptide derivatives by alkylation of carbazates and semicarbazones. Canadian Journal of Chemistry, 2012, 90, 985-993.	0.6	26
92	De Novo Conception of Small Molecule Modulators Based on Endogenous Peptide Ligands: Pyrrolodiazepin-2-one Î³-Turn Mimics That Differentially Modulate Urotensin II Receptor-Mediated Vasoconstriction ex Vivo. Journal of Medicinal Chemistry, 2015, 58, 4624-4637.	2.9	26
93	Antenatal IL-1-dependent inflammation persists postnatally and causes retinal and sub-retinal vasculopathy in progeny. Scientific Reports, 2018, 8, 11875.	1.6	26
94	Dynamic Chirality in the Mechanism of Action of Allosteric CD36 Modulators of Macrophage-Driven Inflammation. Journal of Medicinal Chemistry, 2019, 62, 11071-11079.	2.9	25
95	A Novel Linking-Protecting Group Strategy for Solid-Phase Organic Chemistry with Configurationally Stable Î±-[N-(Phenylfluorenyl)]amino Carbonyl Compounds:Â Synthesis of Enantiopure Norephedrines on Solid Support. Journal of Organic Chemistry, 1999, 64, 2486-2493.	1.7	23
96	Rigid Dipeptide Mimics:Â Synthesis of Enantiopure C6-Functionalized Pyrrolizidinone Amino Acids. Journal of Organic Chemistry, 2007, 72, 736-743.	1.7	23
97	Unsymmetric Electronic Pushâ^'Pull Bipyrroles â^' Synthesis, Spectroelectrochemical, and Photophysical Investigation. Journal of Organic Chemistry, 2009, 74, 9497-9500.	1.7	23
98	Photolabeling of Tissue Transglutaminase Reveals the Binding Mode of Potent Cinnamoyl Inhibitors. Biochemistry, 2009, 48, 3346-3353.	1.2	23
99	Copper-Catalyzed N-Arylation of Semicarbazones for the Synthesis of Aza-Arylglycine-Containing Aza-Peptides. Organic Letters, 2010, 12, 2916-2919.	2.4	23
100	Synthesis and evaluation of 4-(1-aminoalkyl)-N-(4-pyridyl)cyclohexanecarboxamides as Rho kinase inhibitors and neurite outgrowth promoters. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4931-4934.	1.0	22
101	Deazapurine Solid-Phase Synthesis:â€‰ Construction of 3-Substituted Pyrrolo[3,2-d]pyrimidine-6-carboxylates on Cross-Linked Polystyrene Bearing a Cysteamine Linker. ACS Combinatorial Science, 2005, 7, 589-598.	3.3	22
102	Mimics of Peptide Turn Backbone and Side-Chain Geometry by a General Approach for Modifying Azabicyclo[5.3.0]alkanone Amino Acids. Journal of Organic Chemistry, 2011, 76, 5846-5849.	1.7	22
103	Site-specific protein propargylation using tissue transglutaminase. Organic and Biomolecular Chemistry, 2012, 10, 5258.	1.5	22
104	Design and synthesis of novel azapeptide activators of apoptosis mediated by caspase-9 in cancer cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3361-3365.	1.0	22
105	Influence ofN-terminal residue stereochemistry on the prolyl amide geometry and the conformation of 5-tert-butylproline type VI ?-turn mimics. Journal of Peptide Science, 2001, 7, 92-104.	0.8	21
106	Diastereoselective Pictetâ^'Spengler Approach for the Synthesis of Pyrrolo[3,2-e][1,4]diazepin-2-one Peptide Turn Mimics. Organic Letters, 2008, 10, 2841-2844.	2.4	21
107	N-Aminosulfamide Peptide Mimic Synthesis by Alkylation of Aza-sulfurylglycinyl Peptides. Organic Letters, 2012, 14, 1318-1321.	2.4	21
108	Synthesis of (S)-2-Amino-3-(3-tert-butyl-5-oxo-2H-isoxazol-4-yl)propionic Acid. Journal of Organic Chemistry, 1995, 60, 3184-3188.	1.7	20

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109	Homoserine-derived cyclic sulfamidate as chiral educt for the diversity-oriented synthesis of lactam-bridged dipeptides. Biopolymers, 2005, 80, 665-674.	1.2	20
110	Aza-scanning of the Potent Melanocortin Receptor Agonist Ac-His-d-Phe-Arg-Trp-NH2. Chemical Biology and Drug Design, 2006, 67, 275-283.	1.5	20
111	Conjugated 4â€²Methoxybipyrrole Thiophene Azomethines: Synthesis, Optoâ€Electronic Properties, and Crystallographic Characterization. Chemistry - A European Journal, 2011, 17, 10879-10888.	1.7	20
112	Diversity-Oriented Synthesis of Azapeptides with Basic Amino Acid Residues: Aza-Lysine, Aza-Ornithine, and Aza-Arginine. Organic Letters, 2014, 16, 3588-3591.	2.4	20
113	Diversity-Oriented Synthesis of Functionalized Pyrrolo[3,2-d]pyrimidines with Variation of the Pyrimidine Ring Nitrogen Substituents. Journal of Organic Chemistry, 2003, 68, 6984-6987.	1.7	19
114	Homoallylic ketones and pyrroles by way of copper-catalyzed cascade additions of alkyl-substituted vinyl Grignard reagents to esters. Canadian Journal of Chemistry, 2007, 85, 1006-1017.	0.6	19
115	Asymmetric synthesis of Î±-amino Î²-hydroxy phosphonic acids via BINAP-ruthenium catalyzed hydrogenation. , 1995, 36, 5769-5769.		19
116	Synthesis and pharmacology of new enantiopure Î” 3 -4-arylkainoids. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 771-773.	1.0	18
117	Surfactant Mediated Cationic and Anionic Suspension Polymerization of PEG-Based Resins in Silicon Oil:Â Beaded SPOCC 1500 and POEPOP 1500. ACS Combinatorial Science, 2001, 3, 28-33.	3.3	18
118	Conformationally Constrained Dipeptide Surrogates with Aromatic Side-Chains:Â Synthesis of 4-Aryl Indolizidin-9-one Amino Acids by Conjugate Addition to a Common Î±,Ï‰-Diaminoazelate Enone Intermediate. Journal of Organic Chemistry, 2004, 69, 1504-1512.	1.7	18
119	Preparation, Characterization, and Application of Poly(vinyl alcohol)-graft-Poly(ethylene glycol) Resins:Â Novel Polymer Matrices for Solid-Phase Synthesis. ACS Combinatorial Science, 2007, 9, 582-591.	3.3	18
120	1,3,5-Tri- and 1,3,4,5-Tetra-Substituted 1,4-Diazepin-2-one Solid-Phase Synthesis. ACS Combinatorial Science, 2008, 10, 691-699.	3.3	18
121	Prodigiosin synthesis with electron rich 2,2â€²-bipyrroles. Canadian Journal of Chemistry, 2008, 86, 213-218.	0.6	18
122	VRQ397 (CRAVKY): a novel noncompetitive V2 receptor antagonist. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1009-R1018.	0.9	18
123	Î±-Amino-Î²-hydroxy-Î³-lactam for Constraining Peptide Ser and Thr Residue Conformation. Organic Letters, 2010, 12, 1652-1655.	2.4	18
124	Design, Synthesis, and Biological Assessment of Biased Allosteric Modulation of the Urotensin II Receptor Using Achiral 1,3,4-Benzotriazepin-2-one Turn Mimics. Journal of Medicinal Chemistry, 2017, 60, 9838-9859.	2.9	18
125	Functional Selectivity Revealed by N-Methylation Scanning of Human Urotensin II and Related Peptides. Journal of Medicinal Chemistry, 2019, 62, 1455-1467.	2.9	18
126	Deazapurine Solid-Phase Synthesis:Â Combinatorial Synthesis of a Library of N3,N5,C6-Trisubstituted Pyrrolo[3,2-d]pyrimidine Derivatives on Cross-Linked Polystyrene Bearing a Cysteamine Linker. ACS Combinatorial Science, 2005, 7, 977-986.	3.3	17

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127	Examination of the active secondary structure of the peptide 101.10, an allosteric modulator of the interleukinâ€1 receptor, by positional scanning using Î²â€amino Î³â€lactams. Journal of Peptide Science, 2011, 17, 288-296.	0.8	17
128	Synthesis and alkylation of azaâ€glycinyl dipeptide building blocks. Journal of Peptide Science, 2013, 19, 725-729.	0.8	17
129	N-Aminoimidazolidin-2-one Peptidomimetics. Organic Letters, 2014, 16, 2232-2235.	2.4	17
130	Improved synthesis of (2S,5S)-5-tert-butylproline. Tetrahedron, 2001, 57, 6439-6446.	1.0	16
131	Solidâ€phase synthesis of Câ€terminal azapeptides. Journal of Peptide Science, 2015, 21, 387-391.	0.8	16
132	Adiponectin has a pivotal role in the cardioprotective effect of CPâ€3(iv), a selective CD36 azapeptide ligand, after transient coronary artery occlusion in mice. FASEB Journal, 2018, 32, 807-818.	0.2	16
133	Immunometabolic modulation of retinal inflammation by CD36 ligand. Scientific Reports, 2019, 9, 12903.	1.6	16
134	Paired Utility of Aza-Amino Acyl Proline and Indolizidinone Amino Acid Residues for Peptide Mimicry: Conception of Prostaglandin F2Î± Receptor Allosteric Modulators That Delay Preterm Birth. Journal of Medicinal Chemistry, 2019, 62, 4500-4525.	2.9	16
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