George Barany

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11723539/publications.pdf

Version: 2024-02-01

193 papers	7,589 citations	47006 47 h-index	62596 80 g-index
201 all docs	201 docs citations	201 times ranked	4360 citing authors

#	Article	IF	Citations
1	Crystal structure ofO-ethylN-(ethoxycarbonyl)thiocarbamate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o782-o783.	0.5	2
2	Unexpectedly Stable (Chlorocarbonyl)(N-ethoxycarbonylcarbamoyl)disulfane, and Related Compounds That Model the Zumachâ€“Weissâ€“KÃ¼hle (ZWK) Reaction for Synthesis of 1,2,4-Dithiazolidine-3,5-diones. Journal of Organic Chemistry, 2015, 80, 11313-11321.	3.2	3
3	Crystal structures of three (trichloromethyl)(carbamoyl)disulfanes. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1169-1173.	0.5	1
4	Crystal structure of bis(N-methyl-N-phenylamino)trisulfane. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 836-839.	0.5	1
5	Crystal structures of (N-methyl-N-phenylamino)(N-methyl-N-phenylcarbamoyl)sulfide and the corresponding disulfane. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1371-1374.	0.5	1
6	On the Role of NMR Spectroscopy for Characterization of Antimicrobial Peptides. Methods in Molecular Biology, 2013, 1063, 159-180.	0.9	34
7	The N-Terminal Zinc Finger and Flanking Basic Domains Represent the Minimal Region of the Human Immunodeficiency Virus Type-1 Nucleocapsid Protein for Targeting Chaperone Function. Biochemistry, 2013, 52, 8226-8236.	2.5	15
8	Bis(N-methyl-N-phenylcarbamoyl)disulfane. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1550-o1550.	0.2	4
9	Bis[(methylsulfanyl)carbonyl]disulfane. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2102-o2102.	0.2	0
10	Synthesis and characterization of the 47â€residue heterodimeric antimicrobial peptide distinctin, featuring directed disulfide bridge formation. Biopolymers, 2012, 98, 479-484.	2.4	6
11	Deciphering Structural Elements of Mucin Glycoprotein Recognition. ACS Chemical Biology, 2012, 7, 1031-1039.	3.4	53
12	Synthetic Routes to, Transformations of, and Rather Surprising Stabilities of (N-Methyl-N-phenylcarbamoyl)sulfenyl Chloride, ((N-Methyl-N-phenylcarbamoyl)dithio)carbonyl Chloride, and Related Compounds. Journal of Organic Chemistry, 2011, 76, 7882-7892.	3.2	10
13	Solid-Phase Synthesis and Evaluation of Glycopeptide Fragments from Rat Epididymal Cysteine-Rich Secretory Protein-1 (Crisp-1) â€¡. Molecules, 2010, 15, 6399-6410.	3.8	2
14	Investigation of the sequence and length dependence for cell-penetrating prenylated peptides. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 161-163.	2.2	14
15	Onâ€resin conversion of Cys(Acm)â€containing peptides to their corresponding Cys(Scm) congeners. Journal of Peptide Science, 2010, 16, 219-222.	1.4	16
16	Intramolecular Glycanâ€“Protein Interactions in Glycoproteins. Methods in Enzymology, 2010, 478, 365-388.	1.0	27
17	Structure and topology of monomeric phospholamban in lipid membranes determined by a hybrid solution and solid-state NMR approach. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10165-10170.	7.1	158
18	Multifunctional Prenylated Peptides for Live Cell Analysis. Journal of the American Chemical Society, 2009, 131, 7293-7303.	13.7	48

#	Article	IF	Citations
19	HIV-1 Nucleocapsid Protein Switches the Pathway of Transactivation Response Element RNA/DNA Annealing from Loopâ€"Loop â€œKissingâ€•to â€œZipperâ€• Journal of Molecular Biology, 2009, 386, 789-801.	4.2	57
20	Effect of Mg2+ and Na+ on the Nucleic Acid Chaperone Activity of HIV-1 Nucleocapsid Protein: Implications for Reverse Transcription. Journal of Molecular Biology, 2009, 386, 773-788.	4.2	29
21	Conformational consequences of protein glycosylation: Preparation of Oâ€•mannosyl serine and threonine building blocks, and their incorporation into glycopeptide sequences derived from Î±â€dystroglycan. Biopolymers, 2008, 90, 358-368.	2.4	21
22	Caged Protein Prenyltransferase Substrates: Tools for Understanding Protein Prenylation. Chemical Biology and Drug Design, 2008, 72, 171-181.	3.2	21
23	Partially Folded Bovine Pancreatic Trypsin Inhibitor Analogues Attain Fully Native Structures when Co-Crystallized with S195A Rat Trypsin. Journal of Molecular Biology, 2008, 375, 812-823.	4.2	3
24	Nonstereogenic Î±-aminoisobutyryl-glycyl dipeptidyl unit nucleates type Iâ€² Î²-turn in linear peptides in aqueous solution. Biopolymers, 2007, 88, 746-753.	2.4	26
25	Evaluation of an Alkyne-containing Analogue of Farnesyl Diphosphate as a Dual Substrate for Protein-prenyltransferases. International Journal of Peptide Research and Therapeutics, 2007, 13, 345-354.	1.9	32
26	Mechanistic Studies of Mini-TAR RNA/DNA Annealing in the Absence and Presence of HIV-1 Nucleocapsid Protein. Journal of Molecular Biology, 2006, 363, 244-261.	4.2	80
27	Microwave-Assisted Solid-Phase Peptide Synthesis (MW-SPPS) on CLEAR Supports. , 2006, , 146-147.		0
28	New Approaches for Native Chemical Ligation. , 2006, , 144-145.		0
29	Synthesis of Silyl Ether Linkers for Solid-Phase Peptide Synthesis. , 2006, , 194-195.		0
30	Parallel Solid-Phase Synthesis of Mucin-Like Glycopeptides from an Î±-GalN3 O-Linked Threonine Building Block. , 2006, , 192-193.		0
31	Synthetic Routes to, and Mechanistic Understanding of, Dithiasuccinoyl (Dts)-Amines and Chlorocarbonyl Carbamoyl Disulfanes. , 2006, , 196-197.		1
32	Synthesis and Reactivity of 6,7-dihydrogeranylazides: Reagents for Primary Azide Incorporation into Peptides and Subsequent Staudinger Ligation. Chemical Biology and Drug Design, 2006, 68, 85-96.	3.2	21
33	Synthetic Approaches to Disulfide-free Circular Bovine Pancreatic Trypsin Inhibitor (c-BPTI) Analogues. International Journal of Peptide Research and Therapeutics, 2006, 12, 93-104.	1.9	2
34	Solid-Phase Synthesis of a Mucin Glycopeptide Segment from CD43 for NMR and Crystallization Studies. , 2006, , 134-135.		0
35	Development of resin-to-resin transfer reactions (RRTR) using Sonogashira chemistry. Tetrahedron, 2005, 61, 2195-2201.	1.9	13
36	Syntheses of TN building blocks NÎ±-(9-fluorenylmethoxycarbonyl)-O-(3,4,6-tri-O-acetyl-2-azido-2-deoxy-Î±-d-galactopyranosyl)-l-serine/l-threonine pentafluorophenyl esters: comparison of protocols and elucidation of side reactions. Carbohydrate Research, 2005, 340, 1273-1285.	2.3	16

#	Article	IF	Citations
37	Enzymatic incorporation of orthogonally reactive prenylazide groups into peptides using geranylazide diphosphate via protein farnesyltransferase: Implications for selective protein labeling. Biopolymers, 2005, 80, 164-171.	2.4	31
38	Solid-Phase Synthesis of Mucin Glycopeptides. ChemInform, 2005, 36, no.	0.0	1
39	Parallel solid-phase synthesis of mucin-like glycopeptides. Carbohydrate Research, 2005, 340, 2111-2122.	2.3	26
40	Backbone amide linker (BAL) strategy forNÎ±-9-fluorenylmethoxycarbonyl (Fmoc) solid-phase synthesis of peptide aldehydes. Journal of Peptide Science, 2005, 11, 525-535.	1.4	21
41	Efficient Synthesis of 1,2,4-Dithiazolidine-3,5-diones [Dithiasuccinoyl-Amines] from Bis(chlorocarbonyl)disulfane Plus Bis(trimethylsilyl)amines. Journal of the American Chemical Society, 2005, 127, 508-509.	13.7	29
42	Unfolding of DNA quadruplexes induced by HIV-1 nucleocapsid protein. Nucleic Acids Research, 2005, 33, 4395-4403.	14.5	57
43	Backbone Amide Linker Strategies for the Solid-Phase Synthesis of C - Terminal Modified Peptides. , 2005, 298, 195-208.		7
44	Single-Molecule FRET Studies of Important Intermediates in the Nucleocapsid-Protein-Chaperoned Minus-Strand Transfer Step in HIV-1 Reverse Transcription. Biophysical Journal, 2005, 89, 3470-3479.	0.5	68
45	A Convenient Orthogonally Cleavable Methionine Handle for Anchoring Amines to Polymeric Supports. ACS Combinatorial Science, 2005, 7, 78-84.	3.3	6
46	Native State Hydrogen-Exchange Analysis of Protein Folding and Protein Motional Domains. Methods in Enzymology, 2004, 380, 379-400.	1.0	17
47	N-Tetrachlorophthaloyl (TCP) Protection for Solid-Phase Peptide Synthesis. European Journal of Organic Chemistry, 2004, 2004, 3633-3642.	2.4	10
48	Synthetic Circularized Analogues of Bovine Pancreatic Trypsin Inhibitor. European Journal of Organic Chemistry, 2004, 2004, 4541-4544.	2.4	5
49	4-(9-Fluorenylmethyloxycarbonyl)phenylhydrazine (FmPH):â€‰ A New Chromophoric Reagent for Quantitative Monitoring of Solid-Phase Aldehydes1-3. Journal of Organic Chemistry, 2004, 69, 4586-4594.	3.2	16
50	Native-like Conformations Are Sampled by Partially Folded and Disordered Variants of Bovine Pancreatic Trypsin Inhibitor. Biochemistry, 2004, 43, 1591-1598.	2.5	8
51	Parallel Solid-Phase Syntheses of 1,3,4-Thiadiazolium-2-Aminides. ACS Combinatorial Science, 2004, 6, 746-752.	3.3	15
52	Colorimetric Monitoring of Solid-Phase Aldehydes Using 2,4-Dinitrophenylhydrazine. ACS Combinatorial Science, 2004, 6, 165-170.	3.3	34
53	Solid-Phase Syntheses of Furopyridine and Furoquinoline Systems. Organic Letters, 2004, 6, 1405-1408.	4.6	38
54	On-Resin Native Chemical Ligation for Cyclic Peptide Synthesis1,2. Journal of Organic Chemistry, 2004, 69, 4101-4107.	3.2	73

#	Article	IF	Citations
55	Methionine anchoring applied to the solid-phase synthesis of lysine-containing `head-to-tail' cyclic peptides. International Journal of Peptide Research and Therapeutics, 2003, 10, 119-125.	0.1	8
56	Methionine anchoring applied to the solid-phase synthesis of lysine-containing â€˜head-to-tailâ€™ cyclic peptides. International Journal of Peptide Research and Therapeutics, 2003, 10, 119-125.	0.1	1
57	Side-chain anchoring strategy for solid-phase synthesis of peptide acids with C-terminal cysteine. Biopolymers, 2003, 71, 652-666.	2.4	24
58	Solid-Phase Synthesis of Lidocaine and Procainamide Analogues Using Backbone Amide Linker (BAL) Anchoring. ACS Combinatorial Science, 2003, 5, 860-868.	3.3	26
59	New methods for synthesis of bis(cystine) peptide dimers. , 2002, , 27-28.		0
60	Hydrogen exchange, core modules, and new designed proteins. Biophysical Chemistry, 2002, 101-102, 67-79.	2.8	4
61	BetaCore, a designed water soluble four-stranded antiparallel Î²-sheet protein. Protein Science, 2002, 11, 1539-1551.	7.6	19
62	Isolation, characterization, and synthesis of a trisulfide related to the somatostatin analog lanreotide. , 2002, , 275-276.		2
63	Minimization of cysteine racemization during stepwise solid-phase peptide synthesis. , 2002, , 339-340.		1
64	Backbone amide linker (BAL) for solid-phase synthesis of 2,5-piperazinediones (DKP), useful scaffolds for combinatorial chemistry. , 2002, , 37-39.		0
65	Intentional syntheses of disulfide-mispaired isomers of Î±-conotoxin SI and SIA. , 2002, , 271-272.		0
66	S-Xanthenyl side-chain anchoring for solid-phase synthesis of cysteine-containing peptides. , 2002, , 273-274.		0
67	Novel safety-catch protecting groups and handles cleavable by intramolecular cyclization. , 2002, , 277-278.		0
68	Surveying the protein folding landscape: equilibrium models for partially folded intermediates of bovine pancreatic trypsin inhibitor (BPTI). , 2002, , 495-496.		0
69	Topologies of consolidated ligands for the Src homology (SH)3 and SH2 domains of Abelson protein-tyrosine kinase. , 2002, , 156-157.		0
70	Synthetic approaches to elucidate roles of disulfide bridges in peptides and proteins. , 2002, , 226-228.		0
71	Dynamics and stability of partially folded and unfolded BPTI analogs. , 2002, , 322-324.		0
72	Synthesis of more rigid consolidated ligands for the dual Src homology domain SH(32) of Abelson: Strategies to achieve higher affinities. , 2002, , 579-580.		0

#	Article	IF	Citations
73	Chemical synthesis of cyclic peptide nucleic acid-peptide hybrids. , 2002, , 786-787.		0
74	Application of solid-phase Ellmanâ€™s reagent for preparation of disulfide-paired isomers of Î±-conotoxin SI. , 2002, , 94-95.		0
75	Alternative solid-phase reagents for formation of intramolecular sulfur-sulfur bridges in peptides under mild conditions. , 2002, , 96-97.		0
76	Solid-phase synthesis of peptide aldehydes by a Backbone Amide Linker (BAL) strategy. , 2002, , 100-101.		0
77	Backbone Amide Linker (BAL) methodology to accommodate C-terminal hindered, unreactive, and/or sensitive modifications. , 2002, , 102-103.		0
78	Disulfide Bond Formation in Peptides. Current Protocols in Protein Science, 2001, 23, Unit18.6.	2.8	24
79	Toward New Designed Proteins Derived from Bovine Pancreatic Trypsin Inhibitor (BPTI):â€‰ Covalent Cross-Linking of Two â€˜Core Modules' by Oxime-Forming Ligation. Bioconjugate Chemistry, 2001, 12, 726-741.	3.6	10
80	NMR-Detected Order in Core Residues of Denatured Bovine Pancreatic Trypsin Inhibitorâ€. Biochemistry, 2001, 40, 9734-9742.	2.5	20
81	Backbone Amide Linker (BAL) Strategy for Solid-Phase Synthesis. , 2001, , 121-138.		3
82	Editorial: Bruce Merrifield at the ?Crossroads of Chemistry and Biology?. Biopolymers, 2001, 60, 169-170.	2.4	2
83	Experimental approaches to protein folding based on the concept of a slow hydrogen exchange core. Journal of Molecular Graphics and Modelling, 2001, 19, 94-101.	2.4	7
84	Role of Cysteine Residues in Structural Stability and Function of a Transmembrane Helix Bundle. Journal of Biological Chemistry, 2001, 276, 38814-38819.	3.4	35
85	Backbone Amide Linker (BAL)/Fmoc Synthesis of Peptide Thioester Intermediates Required for Native Chemical Ligation. , 2001, , 224-225.		1
86	Solid-Phase Synthesis of Consolidated Ligands Containing an Intramolecular Lactam Bridge: Comparison of Strategies and Tactics. , 2001, , 222-223.		0
87	Synthesis of cyclic peptide hybrids with amino acid and nucleobase side-chains. Tetrahedron Letters, 2000, 41, 4097-4100.	1.4	10
88	A modified backbone amide linker (BAL) solid-phase peptide synthesis strategy accommodating prolyl, N-alkylamino acyl, or histidyl derivatives at the C-terminus. Tetrahedron Letters, 2000, 41, 7277-7280.	1.4	33
89	Solid-phase synthesis of C-terminal peptide aldehydes from amino acetals anchored to a backbone amide linker (BAL) handle. Tetrahedron Letters, 2000, 41, 6131-6135.	1.4	44
90	Title is missing!. International Journal of Peptide Research and Therapeutics, 2000, 7, 47-52.	0.1	5

#	Article	IF	Citations
91	Solid-Phase Syntheses of Heterocycles Containing the 2-Aminothiophenol Moiety. ACS Combinatorial Science, 2000, 2, 282-292.	3.3	30
92	Application of solid-phase Ellman's reagent for preparation of disulfide-paired isomers of Î±-conotoxin SI. International Journal of Peptide Research and Therapeutics, 2000, 7, 47-52.	0.1	2
93	Solution structure of Î±-conotoxin SI. FEBS Letters, 2000, 476, 287-295.	2.8	21
94	Synthetic Null-Cysteine Phospholamban Analogue and the Corresponding Transmembrane Domain Inhibit the Ca-ATPase. Biochemistry, 2000, 39, 10892-10897.	2.5	70
95	Chemical Syntheses and Biological Activities of Lactam Analogues of Î±-Conotoxin SIÂ¶,+,#. Journal of Medicinal Chemistry, 2000, 43, 4787-4792.	6.4	51
96	Synthesis and Characterization of a Î²-Hairpin Peptide That Represents a â€˜Core Module' of Bovine Pancreatic Trypsin Inhibitor (BPTI)â€,â€¡. Biochemistry, 2000, 39, 7927-7937.	2.5	23
97	Useful scaffolds and handles for creating diversity in the preparation of chemical libraries. Reactive and Functional Polymers, 1999, 41, 103-110.	4.1	10
98	Title is missing!. International Journal of Peptide Research and Therapeutics, 1999, 6, 243-245.	0.1	3
99	Pyrrolidide formation as a side reaction during activation of carboxylic acids by phosphonium salt coupling reagents. International Journal of Peptide Research and Therapeutics, 1999, 6, 243-245.	0.1	6
100	Solid-Phase Synthesis with Tris(alkoxy)benzyl Backbone Amide Linkage (BAL)[â‰]. Chemistry - A European Journal, 1999, 5, 2787-2795.	3.3	86
101	Backbone Amide Linker (BAL) Strategy forNÎ±-9-Fluorenylmethoxycarbonyl (Fmoc) Solid-Phase Synthesis of Unprotected Peptidep-Nitroanilides and Thioesters1. Journal of Organic Chemistry, 1999, 64, 8761-8769.	3.2	149
102	Use of the Dithiasuccinoyl (Dts) Amino Protecting Group for Solid-Phase Synthesis of Protected Peptide Nucleic Acid (PNA) Oligomers1-3. Journal of Organic Chemistry, 1999, 64, 7281-7289.	3.2	36
103	Chemical Syntheses and Biological Studies on Dimeric Chimeras of Oxytocin and the V2-Antagonist, d(CH2)5[d-Ile2,Ile4]arginine Vasopressinâ€–,â‡. Journal of Medicinal Chemistry, 1999, 42, 5002-5009.	6.4	4
104	Flexibility of Interdomain Contacts Revealed by Topological Isomers of Bivalent Consolidated Ligands to the Dual Src Homology Domain SH(32) of Abelsonâ€,â€¡. Biochemistry, 1999, 38, 3491-3497.	2.5	21
105	â€œHigh-loadâ€•polyethylene glycol-polystyrene (PEG-PS) graft supports for solid-phase synthesis. , 1998, 47, 365-380.		45
106	Solid-phase synthesis of diketopiperazines, useful scaffolds for combinatorial chemistry. Tetrahedron Letters, 1998, 39, 2639-2642.	1.4	58
107	Dynamics of the Conformational Ensemble of Partially Folded Bovine Pancreatic Trypsin Inhibitorâ€. Biochemistry, 1998, 37, 7822-7833.	2.5	29
108	Backbone Amide Linker (BAL) Strategy for Solid-Phase Synthesis of C-Terminal-Modified and Cyclic Peptides1,2,3. Journal of the American Chemical Society, 1998, 120, 5441-5452.	13.7	292

#	Article	IF	Citations
109	Novel Solid-Phase Reagents for Facile Formation of Intramolecular Disulfide Bridges in Peptides under Mild Conditions1,2. Journal of the American Chemical Society, 1998, 120, 7226-7238.	13.7	67
110	Modular Folding and Evidence for Phosphorylation-induced Stabilization of an hsp90-dependent Kinase. Journal of Biological Chemistry, 1998, 273, 8475-8482.	3.4	44
111	[27] Chemical synthesis and nuclear magnetic resonance characterization of partially folded proteins. Methods in Enzymology, 1997, 289, 587-611.	1.0	10
112	Expression, purification and kinetic characterization of wild-type human ornithine transcarbamylase and a recurrent mutant that produces â€˜late onsetâ€™ hyperammonaemia. Biochemical Journal, 1997, 322, 625-631.	3.7	37
113	Poly(ethylene glycol)-Containing Supports for Solid-Phase Synthesis of Peptides and Combinatorial Organic Libraries. ACS Symposium Series, 1997, , 239-264.	0.5	19
114	[8] Handles for solid-phase peptide synthesis. Methods in Enzymology, 1997, 289, 126-174.	1.0	43
115	Occurrence and Minimization of Cysteine Racemization during Stepwise Solid-Phase Peptide Synthesis1,2. Journal of Organic Chemistry, 1997, 62, 4307-4312.	3.2	205
116	Synthesis and Pharmacology of Novel Analogues of Oxytocin and Deaminooxytocin:Â Directed Methods for the Construction of Disulfide and Trisulfide Bridges in Peptidesâ€,â€¡,Â§. Journal of Medicinal Chemistry, 1997, 40, 864-876.	6.4	50
117	NovelS-Xanthenyl Protecting Groups for Cysteine and Their Applications for theNÎ±-9-Fluorenylmethyloxycarbonyl (Fmoc) Strategy of Peptide Synthesis1-3. Journal of Organic Chemistry, 1997, 62, 3841-3848.	3.2	49
118	[10] Disulfide bond formation in peptides. Methods in Enzymology, 1997, 289, 198-221.	1.0	122
119	Reduced BPTI is collapsed. A pulsed field gradient NMR study of unfolded and partially folded bovine pancreatic trypsin inhibitor. Protein Science, 1997, 6, 1985-1992.	7.6	49
120	Local fluctuations and global unfolding of partially folded BPTI detected by NMR. Biophysical Chemistry, 1997, 64, 45-57.	2.8	19
121	Detection and minimization of H-phosphonate side reaction during phosphopeptide synthesis by a post-assembly global phosphorylation strategy. International Journal of Peptide Research and Therapeutics, 1997, 3, 333-342.	0.1	5
122	Synthetic, Mechanistic, and Structural Studies Related to 1,2,4-Dithiazolidine-3,5-dione. Journal of Organic Chemistry, 1996, 61, 6639-6645.	3.2	35
123	Synthesis of 2-Acetamido-2-deoxy-Î²-d-glucopyranoseO-Glycopeptides fromN-Dithiasuccinoyl-Protected Derivatives1-3. Journal of the American Chemical Society, 1996, 118, 3148-3155.	13.7	75
124	CLEAR:Â A Novel Family of Highly Cross-Linked Polymeric Supports for Solid-Phase Peptide Synthesis1,2. Journal of the American Chemical Society, 1996, 118, 7083-7093.	13.7	158
125	Preparation and Applications of Xanthenylamide (XAL) Handles for Solid-Phase Synthesis of C-Terminal Peptide Amides under Particularly Mild Conditions1-3. Journal of Organic Chemistry, 1996, 61, 6326-6339.	3.2	53
126	Optimized methods for chemical synthesis of bovine pancreatic trypsin inhibitor (BPTI) analogues. Techniques in Protein Chemistry, 1996, , 503-514.	0.3	13

#	Article	IF	Citations
127	Unfolded BPTI variants with a single disulfide bond have diminished non-native structure distant from the crosslink. Folding & Design, 1996, 1, 65-76.	4.5	19
128	N-Dithiasuccinoyl (Dts)-glycine: A novel oxidation reagent for the formation of intramolecular disulfide bridges under mild conditions. International Journal of Peptide Research and Therapeutics, 1996, 3, 283-292.	0.1	8
129	Synthesis and characterization of branched phosphopeptides: Prototype consolidated ligands for SH(32) domains. International Journal of Peptide Research and Therapeutics, 1996, 3, 31-36.	0.1	4
130	Acid-labile handles for Fmoc solid-phase synthesis of peptide N-alkylamides. International Journal of Peptide Research and Therapeutics, 1996, 2, 265-270.	0.1	18
131	Solid-Phase Organic Synthesis: Creation of Carbon-Carbon Double Bonds Under Mild Conditions by Wittig-Type Reactions. Collection of Czechoslovak Chemical Communications, 1996, 61, 1697-1702.	1.0	13
132	Partially folded, molten globule and molten coil states of bovine pancreatic trypsin inhibitor. Nature Structural and Molecular Biology, 1995, 2, 211-217.	8.2	61
133	Enhanced Affinities and Specificities of Consolidated Ligands for the Src Homology (SH) 3 and SH2 Domains of Abelson Protein-tyrosine Kinase. Journal of Biological Chemistry, 1995, 270, 26738-26741.	3.4	35
134	Extensive nonrandom structure in reduced and unfolded bovine pancreatic trypsin inhibitor. Biochemistry, 1995, 34, 13974-13981.	2.5	68
135	Dynamic Structure of a Highly Ordered .beta.-Sheet Molten Globule: Multiple Conformations with a Stable Core. Biochemistry, 1995, 34, 11423-11434.	2.5	49
136	Synthesis and characterization of indolicidin, a tryptophanâ€rich antimicrobial peptide from bovine neutrophils *. International Journal of Peptide and Protein Research, 1995, 45, 401-409.	0.1	50
137	In vitro association of the phosphatidylinositol 3â€kinase regulatory subunit (p85) with the human insulin receptor. International Journal of Peptide and Protein Research, 1995, 46, 346-353.	0.1	5
138	Preparation and applications of polyethylene glycol-polystyrene graft resin supports for solid-phase peptide synthesis. Reactive & Functional Polymers, 1994, 22, 243-258.	0.8	128
139	Formation of Disulfide Bonds in Synthetic Peptides and Proteins. , 1994, 35, 91-170.		109
140	Solid-Phase Synthesis of Cyclic Peptides. , 1994, , 39-58.		39
141	A novel, convenient, three-dimensional orthogonal strategy for solid-phase synthesis of cyclic peptides. Tetrahedron Letters, 1993, 34, 1549-1552.	1.4	250
142	Synthesis of phosphotyrosine-containing peptides and their use as substrates for protein tyrosine phosphatases. Biochemistry, 1993, 32, 4354-4361.	2.5	110
143	Synthesis of .alpha.-conotoxin SI, a bicyclic tridecapeptide amide with two disulfide bridges: illustration of novel protection schemes and oxidation strategies. Journal of the American Chemical Society, 1993, 115, 10203-10210.	13.7	69
144	Reductive amination with tritylamine as an ammonia equivalent: efficient preparation of the 5-(4-(9-fluorenylmethyloxycarbonyl)aminomethyl-3,5-dimethoxyphenoxy)valeric acid (PAL) handle for peptide synthesis. Journal of Organic Chemistry, 1993, 58, 4993-4996.	3.2	39

#	Article	IF	Citations
145	Acidolytic cleavage of tris(alkoxy)benzylamide (PAL) â€œinternal referenceâ€•amino acyl (IRAA) anchoring linkages: validation of accepted procedures in solidâ€•phase peptide synthesis (SPPS). International Journal of Peptide and Protein Research, 1993, 41, 307-312.	0.1	18
146	Solid-phase synthesis of phosphorylated peptides by phosphoramidite chemistry. , 1993, , 334-335.		1
147	Allyl-based orthogonal solid phase peptide synthesis. , 1993, , 191-193.		10
148	Preparation and applications of xanthenylamide (XAL) handles for mild Fmoc solid-phase synthesis of C-terminal peptide amides. , 1993, , 301-304.		0
149	Optimization of solid-phase synthesis of [Ala8]-dynorphin A. Journal of Organic Chemistry, 1992, 57, 5399-5403.	3.2	225
150	S-2,4,6-trimethoxybenzyl (Tmob): a novel cysteine protecting group for the N.alpha.-(9-fluorenylmethoxycarbonyl) (Fmoc) strategy of peptide synthesis. Journal of Organic Chemistry, 1992, 57, 3013-3018.	3.2	52
151	Journal of Peptide and Protein Research, 1992, 40, 194-207.	0.1	40
152	Novel cysteine protecting groups for the NÎ±-9-fluorenylmethyloxycarbonyl (Fmoc) strategy of peptide synthesis. , 1992, , 605-606.		1
153	Purification, characterization, synthesis and cDNA cloning of indolicidin: A tryptophan-rich microbicidal tridecapeptide from neutrophils. , 1992, , 905-907.		2
154	Synthesis and biological activity of O-glycosylated morphiceptin analogues. Journal of the Chemical Society Perkin Transactions 1, 1991, , 1755-1759.	0.9	36
155	Hypersensitive acid-labile (HAL) tris(alkoxy)benzyl ester anchoring for solid-phase synthesis of protected peptide segments. Tetrahedron Letters, 1991, 32, 1015-1018.	1.4	40
156	Cyclization of disulfideâ€•containing peptides in solidâ€•phase synthesis^{â€}. International Journal of Peptide and Protein Research, 1991, 37, 402-413.	0.1	85
157	Mild orthogonal solid-phase peptide synthesis. , 1991, , 139-142.		3
158	Conformational properties of asymmetrically substituted mono-, di- and trisulfides: solid and liquid phase Raman spectra. Journal of Molecular Structure, 1990, 238, 119-137.	3.6	22
159	Solid-Phase Synthesis of Glycopeptide Amides under Mild Conditions: Morphiceptin Analogues. Angewandte Chemie International Edition in English, 1990, 29, 291-292.	4.4	21
160	Festphasenâ€•Synthese von Glycopeptidamiden unter milden Bedingungen: Morphiceptinâ€•Analoga. Angewandte Chemie, 1990, 102, 311-313.	2.0	14
161	Preparation and application of the 5-(4-(9-fluorenylmethyloxycarbonyl)aminomethyl-3,5-dimethoxyphenoxy)-valeric acid (PAL) handle for the solid-phase synthesis of C-terminal peptide amides under mild conditions. Journal of Organic Chemistry, 1990, 55, 3730-3743.	3.2	343
162	Synthesis and characterization of methoxy(thiocarbonyl)sulfenyl chloride. Journal of Organic Chemistry, 1990, 55, 1475-1479.	3.2	14

#	Article	IF	Citations
163	Practical approach to solidâ€phase synthesis of Câ€terminal peptide amides under mild conditions based on a photolysable anchoring linkage¹. International Journal of Peptide and Protein Research, 1990, 36, 31-45.	0.1	58
164	Orthogonal solidâ€phase synthesis of human gastrinâ€I under mild conditions*. International Journal of Peptide and Protein Research, 1990, 35, 527-538.	0.1	28
165	Solidâ€phase synthesis of peptides with Câ€terminal asparagine or glutamine. International Journal of Peptide and Protein Research, 1990, 35, 284-286.	0.1	32
166	Inhibition of soybean lipoxygenase and mouse skin tumor promotion by onion and garlic components. Journal of Biochemical Toxicology, 1989, 4, 151-160.	0.4	73
167	Convenient synthesis of a cyclic peptide disulfide: A type II Î²-turn structural model. Tetrahedron Letters, 1989, 30, 2441-2444.	1.4	35
168	A new protecting group for the sulfhydryl function of cysteine. Journal of Organic Chemistry, 1989, 54, 244-247.	3.2	23
169	A new fluoridolyzable anchoring linkage for orthogonal solid-phase peptide synthesis: design, preparation, and application of the N-(3 or 4)-[[4-(hydroxymethyl)phenoxy]-tert-butylphenylsilyl]phenyl pentanedioic acid monoamide (Pbs) handle. Journal of Organic Chemistry, 1988, 53, 5240-5248.	3.2	58
170	Effects of organosulfur compounds from garlic and onions on benzo[a]pyrene-induced neoplasia and glutathione S-transferase activity in the mouse. Carcinogenesis, 1988, 9, 131-134.	2.8	435
171	Solid phase synthesis of C-terminal peptide amides under mild conditions. , 1988, , 159-161.		4
172	A new fluoridolysable anchoring linkage for orthogonal solid-phase peptide synthesis: Preparation and properties of the -(3 or 4)-[[[(4-hydroxymethyl)-phenoxy-t-butylphenyl]silyl]phenyl]pentanedioic acid, monoamide (PBS) handle. Tetrahedron Letters, 1987, 28, 491-494.	1.4	24
173	Mild, orthogonal solidâ€phase peptide synthesis: use of NÎ±â€dithiasuccinoyl (Dts) amino acids and Nâ€(isoâ€propyldithio)carbonylproline, together with pâ€alkoxybenzyl ester anchoring linkages*. International Journal of Peptide and Protein Research, 1987, 30, 177-205.	0.1	36
174	An acidâ€labile anchoring linkage for solidâ€phase synthesis of Câ€terminal peptide amides under mild conditions*. International Journal of Peptide and Protein Research, 1987, 30, 206-216.	0.1	106
175	Solidâ€phase peptide synthesis: a silver anniversary report*. International Journal of Peptide and Protein Research, 1987, 30, 705-739.	0.1	150
176	A convenient general method for synthesis of NÎ±â€or NÏ‰â€dithiasuccinoyl (Dts) amino acids and dipeptides: application of polyethylene glycol as a carrier for functional purification*. International Journal of Peptide and Protein Research, 1987, 30, 740-783.	0.1	39
177	Novel symmetrical and mixed carbamoyl and aminopolysulfanes by reactions of (alkoxydichloromethyl)polysulfanyl substrates with N-methylaniline. Journal of Organic Chemistry, 1986, 51, 1866-1881.	3.2	33
178	Effects of allyl methyl trisulfide on glutathioneSâ€transferase activity and BPâ€induced neoplasia in the mouse. Nutrition and Cancer, 1986, 8, 211-215.	2.0	126
179	Three-dimensional orthogonal protection scheme for solid-phase peptide synthesis under mild conditions. Journal of the American Chemical Society, 1985, 107, 4936-4942.	13.7	141
180	Improved approach for anchoring NÎ±â€9â€fluorenylmethyloxycarbonylamino acids as pâ€alkoxybenzyl esters in solidâ€phase peptide synthesis. International Journal of Peptide and Protein Research, 1985, 26, 92-97.	0.1	76

#	Article	IF	Citations
181	A New Method for the Synthesis of Unsymmetrical Trisulfanes. Synthesis, 1984, 1984, 657-660.	2.3	25
182	Efficient synthesis of 1,2,4â€dithiazolidineâ€3,5â€diones (dithiasuccinoylâ€amines) and observations on formation of 1,2,4â€thiadiazolidineâ€3,5â€diones by related chemistry. Journal of Heterocyclic Chemistry, 1984, 21, 241-246.	2.6	19
183	Preparation of [18O]-chlorocarbonylsulfenyl chloride. Journal of Labelled Compounds and Radiopharmaceuticals, 1984, 21, 329-336.	1.0	5
184	Chemistry of bis(alkoxycarbonyl)polysulfanes and related compounds. Journal of Organic Chemistry, 1984, 49, 1043-1051.	3.2	38
185	Application of N,Nâ€dimethylformamide dineopentyl acetal for efficient anchoring of N_{Î±}â€9â€fluorenylmethyloxycarbonylaminoâ€acids as pâ€alkoxybenzyl esters in solidâ€phase peptide synthesis. International Journal of Peptide and Protein Research, 1984, 23, 342-349.	0.1	27
186	An unusual rearrangement, and further transformations, in the chlorination of alkoxythiocarbonylsulfenyl substrates. Tetrahedron Letters, 1983, 24, 5683-5686.	1.4	10
187	A general strategy for elaboration of the dithiocarbonyl functionality, -(C:O)SS-: application to the synthesis of bis(chlorocarbonyl)disulfane and related derivatives of thiocarbonic acids. Journal of Organic Chemistry, 1983, 48, 4750-4761.	3.2	92
188	Chemistry of carbamoyl disulfide protected derivatives of proline*. International Journal of Peptide and Protein Research, 1982, 19, 321-324.	0.1	12
189	The explicit analysis of consecutive pseudo-first-order reactions: Application to kinetics of thiolysis of dithiasuccinoyl (Dts) amino acids. Analytical Biochemistry, 1980, 109, 114-122.	2.4	6
190	Kinetics and mechanism of the thiolytic removal of the dithiasuccinoyl (Dts) amino protecting group. Journal of the American Chemical Society, 1980, 102, 3084-3095.	13.7	52
191	A chromatographic method for the quantitative analysis of the deprotection of dithiasuccinoyl (Dts) amino acids. Analytical Biochemistry, 1979, 95, 160-170.	2.4	32
192	Convenient new procedures for the synthesis of ethoxythiocarbonyl derivatives of amino acids. Journal of Organic Chemistry, 1978, 43, 2930-2932.	3.2	26
193	A new amino protecting group removable by reduction. Chemistry of the dithiasuccinoyl (Dts) function. Journal of the American Chemical Society, 1977, 99, 7363-7365.	13.7	235