Ernest Giralt

List of Publications by Year
in descending order

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477	18,525	13068	24179
papers	citations	68 h-index	110 g-index

571	571	571	18583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proteomic tools for the quantitative analysis of artificial peptide libraries: detection and characterization of targetâ€amplified PDâ€1 inhibitors.. ChemBioChem, 2022, , .	1.3	2
2	Brain metastasis models: What should we aim to achieve better treatments?. Advanced Drug Delivery Reviews, 2021, 169, 79-99.	6.6	13
3	Adrenergic Modulation With Photochromic Ligands. Angewandte Chemie, 2021, 133, 3669-3675.	1.6	5
4	Adrenergic Modulation With Photochromic Ligands. Angewandte Chemie - International Edition, 2021, 60, 3625-3631.	7.2	29
5	Target-templated de novo design of macrocyclic <scp>d</scp>-/<scp>l</scp>-peptides: discovery of drug-like inhibitors of PD-1. Chemical Science, 2021, 12, 5164-5170.	3.7	14
6	Amphiphilic Polymeric Nanoparticles Modified with a Protease-Resistant Peptide Shuttle for the Delivery of SN-38 in Diffuse Intrinsic Pontine Glioma. ACS Applied Nano Materials, 2021, 4, 1314-1329.	2.4	15
7	The Combined Use of Gold Nanoparticles and Infrared Radiation Enables Cytosolic Protein Delivery. Chemistry - A European Journal, 2021, 27, 4670-4675.	1.7	6
8	Oligoarginine Peptide Conjugated to BSA Improves Cell Penetration of Gold Nanorods and Nanoprisms for Biomedical Applications. Pharmaceutics, 2021, 13, 1204.	2.0	12
9	In vivo micro computed tomography detection and decrease in amyloid load by using multifunctionalized gold nanorods: a neurotheranostic platform for Alzheimer's disease. Biomaterials Science, 2021, 9, 4178-4190.	2.6	14
10	NIR and glutathione trigger the surface release of methotrexate linked by Diels-Alder adducts to anisotropic gold nanoparticles. Materials Science and Engineering C, 2021, 131, 112512.	3.8	10
11	Lebetin Peptides, A New Class of Potent Platelet Aggregation Inhibitors: Chemical Synthesis, Biological Activity and NMR Spectroscopic Study. International Journal of Peptide Research and Therapeutics, 2020, 26, 21-31.	0.9	3
12	Probing the Kinetic and Thermodynamic Fingerprints of Anti-EGF Nanobodies by Surface Plasmon Resonance. Pharmaceuticals, 2020, 13, 134.	1.7	5
13	Bottom-Up Design Approach for OBOC Peptide Libraries. Molecules, 2020, 25, 3316.	1.7	6
14	Photoswitchable dynasore analogs to control endocytosis with light. Chemical Science, 2020, 11, 8981-8988.	3.7	3
15	Amphiphilic Polymeric Nanoparticles Modified with a Retro-Enantio Peptide Shuttle Target the Brain of Mice. Chemistry of Materials, 2020, 32, 7679-7693.	3.2	18
16	Selfâ€Assembly of DNAâ€“Peptide Supermolecules: Coiledâ€Coil Peptide Structures Templated by <scp>d</scp>â€DNA and <scp>l</scp>â€DNA Triplexes Exhibit Chiralityâ€Independent but Orientationâ€Dependent Stabilizing Cooperativity. Chemistry - A European Journal, 2020, 26, 5676-5684.	1.7	8
17	Protein Chemical Synthesis Combined with Mirrorâ€Image Phage Display Yields <scp>d</scp>â€Peptide EGF Ligands that Block the EGFâ€“EGFR Interaction. ChemBioChem, 2019, 20, 2079-2084.	1.3	13
18	A Third Shot at EGFR: New Opportunities in Cancer Therapy. Trends in Pharmacological Sciences, 2019, 40, 941-955.	4.0	69

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19	Enthalpyâ€•versus Entropyâ€Driven Molecular Recognition in the Era of Biologics. ChemBioChem, 2019, 20, 2981-2986.	1.3	6
20	Expanding the MiniApâ€4 BBBâ€shuttle family: Evaluation of proline cisâ€trans ratio as tool to fineâ€tune transport. Journal of Peptide Science, 2019, 25, e3172.	0.8	5
21	A MALDI-TOF-based Method for Studying the Transport of BBB Shuttlesâ€"Enhancing Sensitivity and Versatility of Cell-Based In Vitro Transport Models. Scientific Reports, 2019, 9, 4875.	1.6	5
22	Algorithm-supported, mass and sequence diversity-oriented random peptide library design. Journal of Cheminformatics, 2019, 11, 25.	2.8	14
23	Trimeric heptad repeat synthetic peptides HR1 and HR2 efficiently inhibit HIV-1 entry. Bioscience Reports, 2019, 39, .	1.1	6
24	Efficient Synthesis of Norbuprenorphines Coupled with Enkephalins and Investigation of Their Permeability. Iranian Journal of Pharmaceutical Research, 2019, 18, 1277-1287.	0.3	2
25	PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. Journal of Controlled Release, 2018, 276, 125-139.	4.8	70
26	â€˜Ã€ La Carteâ€™ Cyclic Hexapeptides: Fine Tuning Conformational Diversity while Preserving the Peptide Scaffold.. ChemistrySelect, 2018, 3, 2343-2351.	0.7	0
27	Increased immune cell infiltration in patient-derived tumor explants treated with Traniplatin: an original Pt(<scp>iv</scp>) pro-drug based on Cisplatin and Tranilast. Chemical Communications, 2018, 54, 8324-8327.	2.2	12
28	Immunosilencing peptides by stereochemical inversion and sequence reversal: retro-D-peptides. Scientific Reports, 2018, 8, 6446.	1.6	26
29	Bromotryptophans and their incorporation in cyclic and bicyclic privileged peptides. Biopolymers, 2018, 109, e23112.	1.2	12
30	Toward a Novel Drug To Target the EGFâ€"EGFR Interaction: Design of Metabolically Stable Bicyclic Peptides. ChemBioChem, 2018, 19, 76-84.	1.3	25
31	From venoms to BBB-shuttles. MiniCTX3: a molecular vector derived from scorpion venom. Chemical Communications, 2018, 54, 12738-12741.	2.2	18
32	HAI Peptide and Backbone Analogsâ€"Validation and Enhancement of Biostability and Bioactivity of BBB Shuttles. Scientific Reports, 2018, 8, 17932.	1.6	8
33	Targeted Nanoswitchable Inhibitors of Proteinâ€"Protein Interactions Involved in Apoptosis. ChemMedChem, 2018, 14, 100-106.	1.6	7
34	Branched BBB-shuttle peptides: chemoselective modification of proteins to enhance bloodâ€"brain barrier transport. Chemical Science, 2018, 9, 8409-8415.	3.7	39
35	Peptide Mediated Brain Delivery of Nano- and Submicroparticles: A Synergistic Approach. Current Pharmaceutical Design, 2018, 24, 1366-1376.	0.9	23
36	Blocking EGFR Activation with Antiâ€EGF Nanobodies via Two Distinct Molecular Recognition Mechanisms. Angewandte Chemie, 2018, 130, 14039-14043.	1.6	2

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37	Blocking EGFR Activation with Antiâ€EGF Nanobodies via Two Distinct Molecular Recognition Mechanisms. Angewandte Chemie - International Edition, 2018, 57, 13843-13847.	7.2	18
38	Targeted Covalent Inhibition of Prolyl Oligopeptidase (POP): Discovery of Sulfonylfluoride Peptidomimetics. Cell Chemical Biology, 2018, 25, 1031-1037.e4.	2.5	36
39	<scp>d</scp>â€Polyarginine Lipopeptides as Intestinal Permeation Enhancers. ChemMedChem, 2018, 13, 2045-2052.	1.6	11
40	Bloodâ€“brain barrier peptide shuttles. Current Opinion in Chemical Biology, 2017, 38, 134-140.	2.8	43
41	Bike peptides: a ride through the membrane. Journal of Peptide Science, 2017, 23, 294-302.	0.8	9
42	The prolyl oligopeptidase inhibitor IPR19 ameliorates cognitive deficits in mouse models of schizophrenia. European Neuropsychopharmacology, 2017, 27, 180-191.	0.3	20
43	Improving gold nanorod delivery to the central nervous system by conjugation to the shuttle Angiopep-2. Nanomedicine, 2017, 12, 2503-2517.	1.7	41
44	Jumping Hurdles: Peptides Able To Overcome Biological Barriers. Accounts of Chemical Research, 2017, 50, 1847-1854.	7.6	62
45	Just passing through. Nature Chemistry, 2017, 9, 727-728.	6.6	14
46	Combating virulence of Gram-negative bacilli by OmpA inhibition. Scientific Reports, 2017, 7, 14683.	1.6	59
47	Peptide multifunctionalized gold nanorods decrease toxicity of Î²-amyloid peptide in a Caenorhabditis elegans model of Alzheimer's disease. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2341-2350.	1.7	60
48	Measuring the Spinâ€Polarization Power of a Single Chiral Molecule. Small, 2017, 13, 1602519.	5.2	143
49	Phage display as a tool to discover bloodâ€“brain barrier (<scp>BBB</scp>)â€shuttle peptides: panning against a human <scp>BBB</scp> cellular model. Biopolymers, 2017, 108, e22928.	1.2	23
50	The Therapeutic Potential of Migrastatin-Core Analogs for the Treatment of Metastatic Cancer. Molecules, 2017, 22, 198.	1.7	4
51	Cell-Penetrating Peptides: Design Strategies beyond Primary Structure and Amphipathicity. Molecules, 2017, 22, 1929.	1.7	214
52	Cyclic Dipeptide Shuttles as a Novel Skin Penetration Enhancement Approach: Preliminary Evaluation with Diclofenac. PLoS ONE, 2016, 11, e0160973.	1.1	14
53	Peptides Targeting EGF Block the EGFâ€“EGFR Interaction. ChemBioChem, 2016, 17, 702-711.	1.3	19
54	Synthesis of an Orthogonally Protected Polyhydroxylated Cyclopentene from <scp>l</scp>â€Sorbose. Chemistry - an Asian Journal, 2016, 11, 2035-2040.	1.7	2

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55	MiniApâ€4: A Venomâ€Inspired Peptidomimetic for Brain Delivery. Angewandte Chemie - International Edition, 2016, 55, 572-575.	7.2	66
56	Bloodâ€“brain barrier shuttle peptides: an emerging paradigm for brain delivery. Chemical Society Reviews, 2016, 45, 4690-4707.	18.7	318
57	Using peptides to increase transport across the intestinal barrier. Advanced Drug Delivery Reviews, 2016, 106, 355-366.	6.6	38
58	Analyzing slowly exchanging protein conformations by ion mobility mass spectrometry: study of the dynamic equilibrium of prolyl oligopeptidase. Journal of Mass Spectrometry, 2016, 51, 504-511.	0.7	6
59	Chemically synthesized peptide libraries as a new source of BBB shuttles. Use of mass spectrometry for peptide identification. Journal of Peptide Science, 2016, 22, 577-591.	0.8	15
60	Combined Use of Oligopeptides, Fragment Libraries, and Natural Compounds: A Comprehensive Approach To Sample the Druggability of Vascular Endothelial Growth Factor. ChemMedChem, 2016, 11, 928-939.	1.6	10
61	Activeâ€Siteâ€Directed Inhibitors of Prolyl Oligopeptidase Abolish Its Conformational Dynamics. ChemBioChem, 2016, 17, 913-917.	1.3	14
62	Chemical Composition and Inhibitory Effects of Hypericum brasiliense and H. connatum on Prolyl Oligopeptidase and Acetylcholinesterase Activities. Medicinal Chemistry, 2016, 12, 457-463.	0.7	3
63	Josef Rudinger Memorial Lecture: Use of peptides to modulate protein-protein interactions. Journal of Peptide Science, 2015, 21, 447-453.	0.8	0
64	Peptides and proteins used to enhance gold nanoparticle delivery to the brain: preclinical approaches. International Journal of Nanomedicine, 2015, 10, 4919.	3.3	62
65	Lipid Bilayer Crossingâ€”The Gate of Symmetry. Water-Soluble Phenylproline-Based Blood-Brain Barrier Shuttles. Journal of the American Chemical Society, 2015, 137, 7357-7364.	6.6	44
66	An optimized method for 15N R1 relaxation rate measurements in non-deuterated proteins. Journal of Biomolecular NMR, 2015, 62, 209-220.	1.6	16
67	Three Valuable Peptides from Bee and Wasp Venoms for Therapeutic and Biotechnological Use: Melittin, Apamin and Mastoparan. Toxins, 2015, 7, 1126-1150.	1.5	253
68	Unveiling Prolyl Oligopeptidase Ligand Migration by Comprehensive Computational Techniques. Biophysical Journal, 2015, 108, 116-125.	0.2	20
69	Applying the Retroâ€Enantio Approach To Obtain a Peptide Capable of Overcoming the Bloodâ€“Brain Barrier. Angewandte Chemie - International Edition, 2015, 54, 3967-3972.	7.2	96
70	Absence of a Stable Secondary Structure Is Not a Limitation for Photoswitchable Inhibitors of Î²-Arrestin/Î²-Adaptin 2 Protein-Protein Interaction. Chemistry and Biology, 2015, 22, 31-37.	6.2	20
71	Sequence-activity relationship, and mechanism of action of mastoparan analogues against extended-drug resistant Acinetobacter baumannii. European Journal of Medicinal Chemistry, 2015, 101, 34-40.	2.6	19
72	A new quinoxaline-containing peptide induces apoptosis in cancer cells by autophagy modulation. Chemical Science, 2015, 6, 4537-4549.	3.7	19

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73	Inhibition of Human Prolyl Oligopeptidase Activity by the Cyclotide Psysol 2 Isolated from Psychotria solitudinum. Journal of Natural Products, 2015, 78, 1073-1082.	1.5	42
74	CSA-131, a ceragenin active against colistin-resistant Acinetobacter baumannii and Pseudomonas aeruginosa clinical isolates. International Journal of Antimicrobial Agents, 2015, 46, 568-571.	1.1	30
75	Loss of LPS is involved in the virulence and resistance to colistin of colistin-resistantAcinetobacter nosocomialismutants selectedin vitro. Journal of Antimicrobial Chemotherapy, 2015, 70, 2981-2986.	1.3	24
76	Modulating proteinâ€“protein interactions: the potential of peptides. Chemical Communications, 2015, 51, 3302-3315.	2.2	228
77	â€˜Ã€ la Carteâ€™ Peptide Shuttles: Tools to Increase Their Passage across the Bloodâ€“Brain Barrier. ChemMedChem, 2014, 9, 1594-1601.	1.6	21
78	Reelin delays amyloid-beta fibril formation and rescues cognitive deficits in a model of Alzheimerâ€™s disease. Nature Communications, 2014, 5, 3443.	5.8	108
79	Delivering wasp venom for cancer therapy. Journal of Controlled Release, 2014, 182, 13-21.	4.8	26
80	Dual system for the central nervous system targeting and bloodâ€brain barrier transport of a selective prolyl oligopeptidase inhibitor. Biopolymers, 2013, 100, 662-674.	1.2	8
81	Lightâ€Regulated Stapled Peptides to Inhibit Proteinâ€“Protein Interactions Involved in Clathrinâ€Mediated Endocytosis. Angewandte Chemie - International Edition, 2013, 52, 7704-7708.	7.2	88
82	Stable Conjugates of Peptides with Gold Nanorods for Biomedical Applications with Reduced Effects on Cell Viability. ACS Applied Materials & Interfaces, 2013, 5, 4076-4085.	4.0	67
83	Applications and future of ion mobility mass spectrometry in structural biology. New Journal of Chemistry, 2013, 37, 1283.	1.4	16
84	Electrostatic Binding and Hydrophobic Collapse of Peptideâ€“Nucleic Acid Aggregates Quantified Using Force Spectroscopy. ACS Nano, 2013, 7, 5102-5113.	7.3	26
85	In Vitro Evaluation of Caffeoyl and Cinnamoyl Derivatives as Potential Prolyl Oligopeptidase Inhibitors. Planta Medica, 2013, 79, 1531-1535.	0.7	3
86	From venoms to BBB shuttles: Synthesis and bloodâ€“brain barrier transport assessment of apamin and a nontoxic analog. Biopolymers, 2013, 100, 675-686.	1.2	42
87	Peptide POP inhibitors for the treatment of the cognitive symptoms of schizophrenia. Future Medicinal Chemistry, 2013, 5, 1509-1523.	1.1	11
88	Titelbild: Light-Regulated Stapled Peptides to Inhibit Protein-Protein Interactions Involved in Clathrin-Mediated Endocytosis (Angew. Chem. 30/2013). Angewandte Chemie, 2013, 125, 7759-7759.	1.6	0
89	Computer-Aided Design of Fragment Mixtures for NMR-Based Screening. PLoS ONE, 2013, 8, e58571.	1.1	15
90	Intracellular Fate of Peptide-Mediated Delivered Cargoes. Current Pharmaceutical Design, 2013, 19, 2924-2942.	0.9	14

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91	Update of Peptides with Antibacterial Activity. Current Medicinal Chemistry, 2012, 19, 6188-6198.	1.2	7
92	Inorganic nanoparticles and the immune system: detection, selective activation and tolerance. , 2012, , .		0
93	Applications of 3-aminolactams: design, synthesis, and biological evaluation of a library of potential dimerisation inhibitors of HIV1-protease. Organic and Biomolecular Chemistry, 2012, 10, 4348.	1.5	2
94	Solid-phase-assisted synthesis of targeting peptideâ€“PEGâ€“oligo(ethane amino)amides for receptor-mediated gene delivery. Organic and Biomolecular Chemistry, 2012, 10, 3258.	1.5	65
95	In vitro activity of several antimicrobial peptides against colistin-susceptible and colistin-resistant Acinetobacter baumannii. Clinical Microbiology and Infection, 2012, 18, 383-387.	2.8	75
96	Combined bottom-up and top-down mass spectrometry analyses of the pattern of post-translational modifications of Drosophila melanogaster linker histone H1. Journal of Proteomics, 2012, 75, 4124-4138.	1.2	38
97	Delivery of gold nanoparticles to the brain by conjugation with a peptide that recognizes the transferrin receptor. Biomaterials, 2012, 33, 7194-7205.	5.7	220
98	Staple Motifs, Initial Steps in the Formation of Thiolate-Protected Gold Nanoparticles: How Do They Form?. Inorganic Chemistry, 2012, 51, 11422-11429.	1.9	19
99	Template-Assisted Lateral Growth of Amyloid-Î²42 Fibrils Studied by Differential Labeling with Gold Nanoparticles. Bioconjugate Chemistry, 2012, 23, 27-32.	1.8	13
100	Inhibitory Effect of Verbascoside Isolated from Buddleja brasiliensis Jacq. ex Spreng on Prolyl Oligopeptidase Activity. Phytotherapy Research, 2012, 26, 1472-1475.	2.8	18
101	NMR Studies of Proteinâ€“Ligand Interactions. Methods in Molecular Biology, 2012, 831, 233-259.	0.4	25
102	Update of Peptides with Antibacterial Activity. Current Medicinal Chemistry, 2012, 19, 6188-6198.	1.2	24
103	Chapter 7.2. Drug Delivery Strategies: BBBâ€“Shuttles. RSC Drug Discovery Series, 2012, , 364-391.	0.2	0
104	Update of peptides with antibacterial activity. Current Medicinal Chemistry, 2012, 19, 6188-98.	1.2	11
105	AÎ²40 and AÎ²42 Amyloid Fibrils Exhibit Distinct Molecular Recycling Properties. Journal of the American Chemical Society, 2011, 133, 6505-6508.	6.6	93
106	Rational Design of a Selective Covalent Modifier of G Protein Î²Î³ Subunits. Molecular Pharmacology, 2011, 79, 24-33.	1.0	10
107	Low molecular weight inhibitors of Prolyl Oligopeptidase: a review of compounds patented from 2003 to 2010. Expert Opinion on Therapeutic Patents, 2011, 21, 1023-1044.	2.4	30
108	Electrochemical Investigation of Cellular Uptake of Quantum Dots Decorated with a Proline-Rich Cell Penetrating Peptide. Bioconjugate Chemistry, 2011, 22, 180-185.	1.8	13

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109	On the Role of Flexibility in Proteinâ€“Ligand Interactions: the Example of p53 Tetramerization Domain. Chemistry - an Asian Journal, 2011, 6, 1463-1469.	1.7	17
110	Recent patents of dipeptidyl peptidase IV inhibitors. Expert Opinion on Therapeutic Patents, 2011, 21, 1693-1741.	2.4	24
111	Improved Fmocâ€based solidâ€phase synthesis of homologous peptide fragments of human and mouse prion proteins. Journal of Peptide Science, 2011, 17, 32-38.	0.8	7
112	Shuttleâ€Mediated Drug Delivery to the Brain. Angewandte Chemie - International Edition, 2011, 50, 7998-8014.	7.2	74
113	Design, Synthesis and Characterization of a New Anionic Cellâ€Penetrating Peptide: SAP(E). ChemBioChem, 2011, 12, 896-903.	1.3	66
114	¹⁵N Relaxation NMR Studies of Prolyl Oligopeptidase, an 80 kDa Enzyme, Reveal a Preâ€existing Equilibrium between Different Conformational States. ChemBioChem, 2011, 12, 2737-2739.	1.3	23
115	Direct-reversible binding of small molecules to G protein Î²Î³ subunits. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1210-1218.	1.1	23
116	A Signaling Mechanism Coupling Netrin-1/Deleted in Colorectal Cancer Chemoattraction to SNARE-Mediated Exocytosis in Axonal Growth Cones. Journal of Neuroscience, 2011, 31, 14463-14480.	1.7	59
117	Selenomethionine Incorporation into Amyloid Sequences Regulates Fibrillogenesis and Toxicity. PLoS ONE, 2011, 6, e27999.	1.1	17
118	NMR analysis of G-protein Î²Î³ subunit complexes reveals a dynamic GÎ±-GÎ²Î³ subunit interface and multiple protein recognition modes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 639-644.	3.3	25
119	Flavonoids with prolyl oligopeptidase inhibitory activity isolated from Scutellaria racemosa Pers. FÃ¬toterapÃ¬Ã¢, 2010, 81, 552-556.	1.1	39
120	Novel Peptidyl Aryl Vinyl Sulfones as Highly Potent and Selective Inhibitors of Cathepsinsâ€…L and B. ChemMedChem, 2010, 5, 1556-1567.	1.6	27
121	Fusion Intermediates of HIVâ€1 gp41 as Targets for Antibody Production: Design, Synthesis, and HR1â€“HR2 Complex Purification and Characterization of Generated Antibodies. ChemMedChem, 2010, 5, 1907-1918.	1.6	7
122	Simultaneous ¹⁹F NMR Screening of Prolyl Oligopeptidase and Dipeptidyl Peptidase IV Inhibitors. ChemBioChem, 2010, 11, 1115-1119.	1.3	15
123	Molecular recognition at protein surface in solution and gas phase: Five VEGF peptidic ligands show inverse affinity when studied by NMR and CIDâ€MS. Biopolymers, 2010, 94, 689-700.	1.2	7
124	Towards the identification of unknown neuropeptide precursor-processing enzymes: Design and synthesis of a new family of dipeptidyl phosphonate activity probes for substrate-based protease identification. Bioorganic and Medicinal Chemistry, 2010, 18, 8350-8355.	1.4	13
125	Case Study: Inhibitors of the MDM2â€p53 Proteinâ€“Protein Interaction. , 2010, , 273-293.		0
126	Case Study: The Discovery of Potent LFAâ€1 Antagonists. , 2010, , 295-314.		0

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127	Building Cell Selectivity into CPP-Mediated Strategies. Pharmaceuticals, 2010, 3, 1456-1490.	1.7	46
128	Small Peptide Inhibitors Disrupt a High-Affinity Interaction between Cytoplasmic Dynein and a Viral Cargo Protein. Journal of Virology, 2010, 84, 10792-10801.	1.5	35
129	Relevant Elements of a Maize Î³-Zein Domain Involved in Protein Body Biogenesis. Journal of Biological Chemistry, 2010, 285, 35633-35644.	1.6	52
130	Improving the brain delivery of gold nanoparticles by conjugation with an amphipathic peptide. Nanomedicine, 2010, 5, 897-913.	1.7	103
131	N-Methyl Phenylalanine-Rich Peptides as Highly Versatile Bloodâ^'Brain Barrier Shuttles. Journal of Medicinal Chemistry, 2010, 53, 2354-2363.	2.9	64
132	Folding and self-assembling with Î²-oligomers based on (1R,2S)-2-aminocyclobutane-1-carboxylic acid. Organic and Biomolecular Chemistry, 2010, 8, 564-575.	1.5	59
133	Structure and Intermolecular Dynamics of Aggregates Populated during Amyloid Fibril Formation Studied by Hydrogen/Deuterium Exchange. Accounts of Chemical Research, 2010, 43, 1072-1079.	7.6	66
134	Knitting and untying the protein network: Modulation of protein ensembles as a therapeutic strategy. Protein Science, 2009, 18, 481-493.	3.1	22
135	Exploration of the One-Bead One-Compound Methodology for the Design of Prolyl Oligopeptidase Substrates. PLoS ONE, 2009, 4, e6222.	1.1	7
136	Experimental characterization of disordered and ordered aggregates populated during the process of amyloid fibril formation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7828-7833.	3.3	109
137	Explicit Treatment of Water Molecules in Protein-Ligand Docking. Current Computer-Aided Drug Design, 2009, 5, 145-154.	0.8	17
138	A proline-rich peptide improves cell transfection of solid lipid nanoparticle-based non-viral vectors. Journal of Controlled Release, 2009, 133, 52-59.	4.8	98
139	Mechanism of action of and resistance to quinolones. Microbial Biotechnology, 2009, 2, 40-61.	2.0	317
140	A new side opening on prolyl oligopeptidase revealed by electron microscopy. FEBS Letters, 2009, 583, 3344-3348.	1.3	17
141	Shuttling Gold Nanoparticles into Tumoral Cells with an Amphipathic Prolineâ€Rich Peptide. ChemBioChem, 2009, 10, 1025-1031.	1.3	50
142	Activityâ€Based Probes for Monitoring Postproline Protease Activity. ChemBioChem, 2009, 10, 2361-2366.	1.3	23
143	A Costâ€Effective Labeling Strategy for the NMR Study of Large Proteins: Selective ¹⁵Nâ€Labeling of the Tryptophan Side Chains of Prolyl Oligopeptidase. ChemBioChem, 2009, 10, 2736-2739.	1.3	12
144	Development and Characterization of Peptidic Fusion Inhibitors Derived from HIVâ€1 gp41 with Partial <scp>D</scp>â€Amino Acid Substitutions. ChemMedChem, 2009, 4, 570-581.	1.6	21

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145	Retroâ€Enantio Nâ€Methylated Peptides as Î²â€Amyloid Aggregation Inhibitors. ChemMedChem, 2009, 4, 1488-1494.	1.6	38
146	Using peptidyl aldehydes in activity-based proteomics. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3752-3755.	1.0	6
147	An Intramolecular Oâ†'N Migration Reaction on Gold Surfaces: Toward the Preparation of Well-Defined Amyloid Surfaces. ACS Nano, 2009, 3, 3091-3097.	7.3	11
148	Use of the SPhos Ligand to Suppress Racemization in Arylpinacolboronate Ester Suzuki Couplings Involving Î±-Amino Acids. Synthesis of Biaryl Derivatives of 4-Hydroxyphenylglycine, Tyrosine, and Tryptophan. Journal of Organic Chemistry, 2009, 74, 9202-9205.	1.7	26
149	Novel System to Achieve One-Pot Modification of Cargo Molecules with Oligoarginine Vectors for Intracellular Delivery. Bioconjugate Chemistry, 2009, 20, 249-257.	1.8	31
150	Cytosolic Targeting of Macromolecules Using a pH-Dependent Fusogenic Peptide in Combination with Cationic Liposomes. Bioconjugate Chemistry, 2009, 20, 953-959.	1.8	81
151	Peptides conjugated to gold nanoparticles induce macrophage activation. Molecular Immunology, 2009, 46, 743-748.	1.0	130
152	Homogeneous Conjugation of Peptides onto Gold Nanoparticles Enhances Macrophage Response. ACS Nano, 2009, 3, 1335-1344.	7.3	148
153	A novel family of diketopiperazines as a tool for the study of transport across the blood-brain barrier (BBB) and their potential use as BBB-shuttles.. Advances in Experimental Medicine and Biology, 2009, 611, 227-228.	0.8	3
154	Gold Nanoparticles and Microwave Irradiation Inhibit Beta-Amyloid Amyloidogenesis. Nanoscale Research Letters, 2008, 3, .	3.1	75
155	The role of peptides in bloodâ€brain barrier nanotechnology. Journal of Peptide Science, 2008, 14, 163-173.	0.8	30
156	Mechanism of Binding of Fluoroquinolones to the Quinolone Resistanceâ€Determining Region of DNA Gyrase: Towards an Understanding of the Molecular Basis of Quinolone Resistance. ChemBioChem, 2008, 9, 2081-2086.	1.3	39
157	<scp>D</scp>â€SAP: A New, Noncytotoxic, and Fully Protease Resistant Cellâ€Penetrating Peptide. ChemMedChem, 2008, 3, 296-301.	1.6	51
158	Benzimidazolium Salts as Small, Nonpeptidic and BBBâ€Permeable Human Prolyl Oligopeptidase Inhibitors. ChemMedChem, 2008, 3, 1558-1565.	1.6	20
159	Baicalin, a prodrug able to reach the CNS, is a prolyl oligopeptidase inhibitor. Bioorganic and Medicinal Chemistry, 2008, 16, 7516-7524.	1.4	81
160	Metabolic Cleavage and Translocation Efficiency of Selected Cell Penetrating Peptides: A Comparative Study with Epithelial Cell Cultures. AAPS Journal, 2008, 10, 349-359.	2.2	20
161	Design and Synthesis of FAJANU: a de NovoC₂Symmetric Cyclopeptide Family. Journal of Medicinal Chemistry, 2008, 51, 3194-3202.	2.9	11
162	How Changes in the Sequence of the Peptide CLPFFD-NH₂ Can Modify the Conjugation and Stability of Gold Nanoparticles and Their Affinity for Î²-Amyloid Fibrils. Bioconjugate Chemistry, 2008, 19, 1154-1163.	1.8	114

#	Article	IF	Citations
163	Proline-rich, amphipathic cell-penetrating peptides. Advanced Drug Delivery Reviews, 2008, 60, 473-484.	6.6	166
164	Trishomocubane Amino Acid as a Î²â€turn scaffold. Chemical Biology and Drug Design, 2008, 71, 125-130.	1.5	20
165	Perspectives on NMR in drug discovery: a technique comes of age. Nature Reviews Drug Discovery, 2008, 7, 738-745.	21.5	373
166	Solid-phase synthesis and characterization of N-methyl-rich peptides. Chemical Biology and Drug Design, 2008, 65, 153-166.	1.2	107
167	Structureâ^'Activity Relationship of Kahalalide F Synthetic Analogues. Journal of Medicinal Chemistry, 2008, 51, 4920-4931.	2.9	38
168	Toward an Optimal Bloodâ^'Brain Barrier Shuttle by Synthesis and Evaluation of Peptide Libraries. Journal of Medicinal Chemistry, 2008, 51, 4881-4889.	2.9	59
169	Stability and structural recovery of the tetramerization domain of p53-R337H mutant induced by a designed templating ligand. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16426-16431.	3.3	81
170	all-<scp>D</scp> proline-rich cell-penetrating peptides: a preliminary in vivo internalization study. Biochemical Society Transactions, 2007, 35, 794-796.	1.6	64
171	Diketopiperazines as a Tool for the Study of Transport across the Bloodâ^'Brain Barrier (BBB) and Their Potential Use as BBB-Shuttles. Journal of the American Chemical Society, 2007, 129, 11802-11813.	6.6	92
172	Self-Assembly of a Cyclobutane Î²-Tetrapeptide To Form Nanosized Structures. Organic Letters, 2007, 9, 3643-3645.	2.4	81
173	Redesign of Protein Domains Using One-Bead-One-Compound Combinatorial Chemistry. Journal of the American Chemical Society, 2007, 129, 14922-14932.	6.6	9
174	Racemization in Suzuki Couplings: A Quantitative Study Using 4-Hydroxyphenylglycine and Tyrosine Derivatives as Probe Molecules. Journal of Organic Chemistry, 2007, 72, 1047-1050.	1.7	15
175	Disruption of the HIV-1 protease dimer with interface peptides: Structural studies using NMR spectroscopy combined with [2-13C]-Trp selective labeling. Biopolymers, 2007, 88, 164-173.	1.2	31
176	The Natural Product Berberine is a Human Prolyl Oligopeptidase Inhibitor. ChemMedChem, 2007, 2, 354-359.	1.6	58
177	Gold nanoparticles for selective and remote heating of Î²-amyloid protein aggregates. Materials Science and Engineering C, 2007, 27, 1236-1240.	3.8	38
178	Structural analysis of substance P using molecular dynamics and NMR spectroscopy. Journal of Peptide Science, 2007, 13, 728-741.	0.8	8
179	Chemical Synthesis of 19F-labeled HIV-1 Protease using Fmoc-Chemistry and ChemMatrix Resin. International Journal of Peptide Research and Therapeutics, 2007, 13, 221-227.	0.9	20
180	Does the Solid-Phase Synthesis of a Tetrapeptide Represent a Challenge at the Onset of the XXI Century? The Case of Cyclo [(3R)-3-hydroxydecanoyl-l-seryl-(3R)-3-hydroxydecanoyl-l-seryl]. International Journal of Peptide Research and Therapeutics, 2007, 13, 313-327.	0.9	2

#	Article	IF	Citations
181	Evolutionary computation and multimodal search: A good combination to tackle molecular diversity in the field of peptide design. Molecular Diversity, 2007, 11, 7-21.	2.1	15
182	Differentiation Restricted Endocytosis of Cell Penetrating Peptides in MDCK Cells Corresponds with Activities of Rho-GTPases. Pharmaceutical Research, 2007, 24, 628-642.	1.7	51
183	Cell-Penetrating Proline-Rich Peptidomimetics. Methods in Molecular Biology, 2007, 386, 241-267.	0.4	6
184	Convergent Approaches for the Synthesis of the Antitumoral Peptide, Kahalalide F. Study of Orthogonal Protecting Groups. Journal of Organic Chemistry, 2006, 71, 7196-7204.	1.7	27
185	IB-01212, a New Cytotoxic Cyclodepsipeptide Isolated from the Marine FungusClonostachyssp. ESNA-A009. Journal of Organic Chemistry, 2006, 71, 3335-3338.	1.7	49
186	Total Solid-Phase Synthesis of Marine Cyclodepsipeptide IB-01212. Journal of Organic Chemistry, 2006, 71, 3339-3344.	1.7	22
187	New Nomenclature for Complex Cyclopeptides. , 2006, , 142-143.		0
188	Microwaveâ€Assisted Solventâ€Free Regiospecific Synthesis of 5â€Alkylidene and 5â€Arylidenehydantoins. Synthetic Communications, 2006, 36, 1575-1584.	1.1	11
189	Antibacterial evaluation of a collection of norfloxacin and ciprofloxacin derivatives against multiresistant bacteria. International Journal of Antimicrobial Agents, 2006, 28, 19-24.	1.1	25
190	Replacement of a Proline with Silaproline Causes a 20-Fold Increase in the Cellular Uptake of a Pro-Rich Peptide. Journal of the American Chemical Society, 2006, 128, 8479-8483.	6.6	66
191	Efficient Preparation of ProlineN-Carboxyanhydride Using Polymer-Supported Bases. Organic Letters, 2006, 8, 5385-5388.	2.4	19
192	Mechanistic aspects of CPP-mediated intracellular drug delivery: Relevance of CPP self-assembly. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 264-279.	1.4	198
193	The Guanidinium Group: A Key Player in Molecular Recognition. , 2006, , 649-650.		0
194	Proteomic analysis of a fraction enriched in cell envelope proteins of Acinetobacter baumannii. Proteomics, 2006, 6, S82-S87.	1.3	32
195	Conformational analysis of a potent SSTR3-selective somatostatin analogue by NMR in water solution. Journal of Peptide Science, 2006, 12, 82-91.	0.8	9
196	A fast and robust 19F NMR-based method for finding new HIV-1 protease inhibitors. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2677-2681.	1.0	27
197	Rational Dissection of Binding Surfaces for Mimicking of Discontinuous Antigenic Sites. Chemistry and Biology, 2006, 13, 815-823.	6.2	9
198	Nanoparticle-Mediated Local and Remote Manipulation of Protein Aggregation. Nano Letters, 2006, 6, 110-115.	4.5	305

#	Article	IF	Citations
199	Proteomic analysis of prodigiosin-induced apoptosis in a breast cancer mitoxantrone-resistant (MCF-7) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	14
200	Drosophila dSAP18 is a nuclear protein that associates with chromosomes and the nuclear matrix, and interacts with pinin, a protein factor involved in RNA splicing. Chromosome Research, 2006, 14, 515-526.	1.0	13
201	Evolutionary algorithms and de novo peptide design. Soft Computing, 2006, 10, 295-304.	2.1	12
202	Identification by 19F NMR of Traditional Chinese Medicinal Plants Possessing Prolyl Oligopeptidase Inhibitory Activity. ChemBioChem, 2006, 7, 827-833.	1.3	41
203	Synthetic Ligands Able to Interact with the P53 Tetramerization Domain. Towards Understanding a Protein Surface Recognition Event. ChemBioChem, 2006, 7, 1105-1113.	1.3	16
204	Design of enhanced agonists through the use of a new virtual screening method: Application to peptides that bind class I major histocompatibility complex (MHC) molecules. Protein Science, 2005, 14, 2069-2079.	3.1	9
205	Stereogenic Centers and Axes: A Comparison of the Chiral Topologies Available to Cabcd and abC=C=Ccd. Journal of Chemical Education, 2005, 82, 1031.	1.1	2
206	Fatty acyl moieties: improving Pro-rich peptide uptake inside HeLa cells. Chemical Biology and Drug Design, 2005, 65, 580-590.	1.2	39
207	Abbreviated nomenclature for cyclic and branched homo- and hetero-detic peptides. Chemical Biology and Drug Design, 2005, 65, 550-555.	1.2	50
208	AT514, a cyclic depsipeptide from Serratia marcescens, induces apoptosis of B-chronic lymphocytic leukemia cells: interference with the Akt/NF-Î²B survival pathway. Leukemia, 2005, 19, 572-579.	3.3	43
209	Molecular recycling within amyloid fibrils. Nature, 2005, 436, 554-558.	13.7	342
210	Cell cycle arrest and proapoptotic effects of the anticancer cyclodepsipeptide serratamolide (AT514) are independent of p53 status in breast cancer cells. Biochemical Pharmacology, 2005, 71, 32-41.	2.0	23
211	Synthesis and screening of a small library of proline-based biodendrimers for use as delivery agents. Biopolymers, 2005, 80, 800-814.	1.2	29
212	Arylboronic Acids and Arylpinacolboronate Esters in Suzuki Coupling Reactions Involving Indoles. Partner Role Swapping and Heterocycle Protection.. ChemInform, 2005, 36, no.	0.1	0
213	Peptide and Amide Bond Containing Dendrimers. ChemInform, 2005, 36, no.	0.1	0
214	ENPDA: an evolutionary structure-based de novo peptide design algorithm. Journal of Computer-Aided Molecular Design, 2005, 19, 585-601.	1.3	37
215	Primary structure, recombinant expression and homology modelling of human brain prolyl oligopeptidase, an important therapeutic target in the treatment of neuropsychiatric diseases. Journal of Peptide Science, 2005, 11, 283-287.	0.8	16
216	Evolutionary combinatorial chemistry, a novel tool for SAR studies on peptide transport across the blood-brain barrier. Part 2. Design, synthesis and evaluation of a first generation of peptides. Journal of Peptide Science, 2005, 11, 789-804.	0.8	18

#	Article	IF	Citations
217	Fine structure study of AÎ² 1â€“42 fibrillogenesis with atomic force microscopy. FASEB Journal, 2005, 19, 1344-1346.	0.2	141
218	Relationship between Mutations in the gyrA Gene and Quinolone Resistance in Clinical Isolates of Corynebacterium striatum and Corynebacterium amycolatum. Antimicrobial Agents and Chemotherapy, 2005, 49, 1714-1719.	1.4	60
219	Old and New Strategies for the Discovery of Antibacterial Agents. Anti-Infective Agents in Medicinal Chemistry, 2005, 4, 337-353.	0.9	6
220	DNA Interaction and Dual Topoisomerase I and II Inhibition Properties of the Anti-Tumor Drug Prodigiosin. Toxicological Sciences, 2005, 85, 870-879.	1.4	84
221	Coupe du Roi Bisection of Proteins. Spontaneous Tetramerization of Two Peptides That Span the Sequence of the Rabbit Uteroglobin Monomer. Journal of the American Chemical Society, 2005, 127, 17719-17733.	6.6	4
222	Cell-Penetratingcis-Î³-Amino-l-Proline-Derived Peptides. Journal of the American Chemical Society, 2005, 127, 9459-9468.	6.6	102
223	Preparation ofde NovoGlobular Proteins Based on Proline Dendrimers. Journal of Organic Chemistry, 2005, 70, 6274-6281.	1.7	23
224	Highly Efficient, Nonpeptidic Oligoguanidinium Vectors that Selectively Internalize into Mitochondria. Journal of the American Chemical Society, 2005, 127, 869-874.	6.6	126
225	The GAGA Protein of Drosophila is Phosphorylated by CK2. Journal of Molecular Biology, 2005, 351, 562-572.	2.0	16
226	Decoding the Entry of Two Novel Cell-Penetrating Peptides in HeLa Cells:Â Lipid Raft-Mediated Endocytosis and Endosomal Escapeâ€. Biochemistry, 2005, 44, 72-81.	1.2	129
227	Peptide and Amide Bond-Containing Dendrimers. Chemical Reviews, 2005, 105, 1663-1682.	23.0	321
228	Inhibition of beta-amyloid toxicity by short peptides containing N-methyl amino acids. Chemical Biology and Drug Design, 2004, 63, 324-328.	1.2	48
229	Computational study of the conformational preferences of the(R)-8-amino-pentacyclo[5.4.0.02,6.03,10.05,9] undecane-8-carboxylic acid monopeptide. Journal of Peptide Science, 2004, 10, 274-284.	0.8	18
230	Ionic self-complementarity induces amyloid-like fibril formation in an isolated domain of a plant copper metallochaperone protein. BMC Structural Biology, 2004, 4, 7.	2.3	17
231	A Tetraguanidinium Ligand Binds to the Surface of the Tetramerization Domain of Protein P53. Angewandte Chemie - International Edition, 2004, 43, 196-198.	7.2	37
232	Potential Peptide Carriers: Amphipathic Proline-Rich Peptides Derived from the N-Terminal Domain ofÎ³-Zein. Angewandte Chemie - International Edition, 2004, 43, 1811-1814.	7.2	140
233	Exploring the interaction of the surfactant N-terminal domain of Î³-Zein with soybean phosphatidylcholine liposomes. Biopolymers, 2004, 73, 258-268.	1.2	33
234	Amphipathic peptides and drug delivery. Biopolymers, 2004, 76, 196-203.	1.2	122

#	Article	IF	Citations
235	Solid-phase synthesis of second-generation polyproline dendrimers. Biopolymers, 2004, 76, 283-297.	1.2	26
236	NMR-Based Methods and Strategies for Drug Discovery. ChemInform, 2004, 35, no.	0.1	0
237	An efficient method for the solid-phase synthesis of fluorescently labelled peptides. Tetrahedron Letters, 2004, 45, 6079-6081.	0.7	13
238	14-Helical Folding in a Cyclobutane-Containing Î²-Tetrapeptide. Journal of Organic Chemistry, 2004, 69, 5093-5099.	1.7	46
239	A New Class of Foldamers Based oncis-Î³-Amino-l-proline1,2. Journal of the American Chemical Society, 2004, 126, 6048-6057.	6.6	97
240	Arylboronic Acids and Arylpinacolboronate Esters in Suzuki Coupling Reactions Involving Indoles. Partner Role Swapping and Heterocycle Protection. Journal of Organic Chemistry, 2004, 69, 6812-6820.	1.7	80
241	Synthesis, Conformational Analysis, and Cytotoxicity of Conformationally Constrained Aplidine and Tamandarin A Analogues Incorporating a Spirolactam Î²-Turn Mimetic. Journal of Medicinal Chemistry, 2004, 47, 5700-5712.	2.9	22
242	Computer-Aided Peptide Evolution for Virtual Drug Design. Lecture Notes in Computer Science, 2004, , 321-332.	1.0	2
243	The fuc1 gene product (20 kDa FUC1) of Pisum sativum has no alpha-L-fucosidase activity. Plant Molecular Biology, 2003, 51, 877-884.	2.0	11
244	Complete1H and13C NMR chemical shift assignment ofN1- andN3-alkylnitrohistidines and of 1,4,6,7-tetrahydroimidazo[4,5-b]pyridines. Magnetic Resonance in Chemistry, 2003, 41, 219-222.	1.1	0
245	Saturated resins or stress of the resin. Tetrahedron Letters, 2003, 44, 1751-1754.	0.7	15
246	Development of a Genetic Algorithm to Design and Identify Peptides that can Cross the Blood-Brain Barrier. QSAR and Combinatorial Science, 2003, 22, 745-753.	1.5	19
247	Solution Structure of the Antitumor Candidate Trunkamide A by 2D NMR and Restrained Simulated Annealing Methods. Journal of Organic Chemistry, 2003, 68, 211-215.	1.7	34
248	Bicyclic Homodetic Peptide Libraries:â€‰ Comparison of Synthetic Strategies for Their Solid-Phase Synthesis. ACS Combinatorial Science, 2003, 5, 760-768.	3.3	23
249	Synthesis of 3-Aminolactams as X-Gly Constrained Pseudodipeptides and Conformational Study of a Trp-Gly Surrogate. Journal of Organic Chemistry, 2003, 68, 9541-9553.	1.7	23
250	Synthesis and NMR Structure of P41icf, a Potent Inhibitor of Human Cathepsin L. Journal of the American Chemical Society, 2003, 125, 1508-1517.	6.6	24
251	Tentoxin as a Scaffold for Drug Discovery. Total Solid-Phase Synthesis of Tentoxin and a Library of Analogues. Organic Letters, 2003, 5, 2115-2118.	2.4	21
252	Constrained Derivatives of Stylostatin 1. 1. Synthesis and Biological Evaluation as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2003, 46, 5825-5833.	2.9	8

#	Article	IF	Citations
253	Desymmetrization of the Tetrahedron: Stereogenic Centers. Journal of Chemical Education, 2003, 80, 1178.	1.1	2
254	Analysis of Conformational Equilibria in Aplidine Using Selective Excitation 2D NMR Spectroscopy and Molecular Mechanics/Dynamics Calculations. Journal of Organic Chemistry, 2003, 68, 9554-9562.	1.7	12
255	NMR-based methods and strategies for drug discovery. Chemical Society Reviews, 2003, 32, 365.	18.7	54
256	Synthetic Approaches to Multivalent Lipopeptide Dendrimers Containing Cyclic Disulfide Epitopes of Foot-and-Mouth Disease Virus. Bioconjugate Chemistry, 2003, 14, 144-152.	1.8	31
257	Effects of l- and d-REKR amino acid-containing peptides on HIV and SIV envelope glycoprotein precursor maturation and HIV and SIV replication. Biochemical Journal, 2002, 366, 863-872.	1.7	4
258	A New Method for the Preparation of Unprotected Peptides on Biocompatible Resins with Application in Combinatorial Chemistryâ€. Organic Letters, 2002, 4, 3831-3833.	2.4	15
259	Spirolactams as Conformationally Restricted Pseudopeptides:Â Synthesis and Conformational Analysis. Journal of Organic Chemistry, 2002, 67, 7587-7599.	1.7	45
260	Peptide Dendrimers Based on Polyproline Helices. Journal of the American Chemical Society, 2002, 124, 8876-8883.	6.6	111
261	Supramolecular Properties of the Proline-Rich Î³-Zein N-Terminal Domain. Biophysical Journal, 2002, 83, 1194-1204.	0.2	50
262	De Novo Protein Surface Design: Use of Cation-Ï€ Interactions to Enhance Binding between an Î±-Helical Peptide and a Cationic Molecule in 50â€‰% Aqueous Solution. Angewandte Chemie - International Edition, 2002, 41, 117-119.	7.2	56
263	Branched Poly(proline) Peptides: An Efficient New Approach to the Synthesis of Repetitive Branched Peptides. European Journal of Organic Chemistry, 2002, 2002, 1756-1762.	1.2	15
264	Functional Mimicry of a Discontinuous Antigenic Site by a Designed Synthetic Peptide. ChemBioChem, 2002, 3, 175-182.	1.3	20
265	Synthesis of peptides containing Î±, Î²-didehydroamino acids. Scope and limitations. International Journal of Peptide Research and Therapeutics, 2002, 9, 135-141.	0.1	3
266	Probing degeneracy in antigen-antibody recognition at the immunodominant site of foot-and-mouth disease virus. Chemical Biology and Drug Design, 2002, 59, 221-231.	1.2	4
267	Structural, kinetic and cytotoxicity aspects of 12-28 ?-amyloid protein fragment: a reappraisal. Journal of Peptide Science, 2002, 8, 578-588.	0.8	22
268	Solid-phase syntheses of N-substituted carbamates. Reaction monitoring by gel-phase 13C NMR using a 13C enriched BAL-linker. Tetrahedron Letters, 2002, 43, 3543-3546.	0.7	17
269	1H(N), 15N, 13CO, 13Calpha, 13Cbeta assignment and secondary structure of a 20 kDa alpha-L-fucosidase from pea using TROSY. Journal of Biomolecular NMR, 2002, 22, 295-296.	1.6	6
270	Synthesis of peptides containing Î±,Î²-didehydroamino acids. Scope and limitations. International Journal of Peptide Research and Therapeutics, 2002, 9, 135-141.	0.1	9

#	Article	IF	Citations
271	Self-assembly of synthetic peptides: Formation of amphipathic surfaces and head-to-tail self-assembly. , 2002, , 316-317.		0
272	Disulfide Bond Based Self-Assembly of Peptides Leading To Spheroidal Cyclic Trimers. , 2002, , 243-256.		0
273	AN IMPROVED SYNTHESIS OF N-[(9-HYDROXYMETHYL)-2-FLUORENYL]SUCCINAMIC ACID (HMFS), A VERSATILE HANDLE FOR THE SOLID-PHASE SYNTHESIS OF BIOMOLECULES. Synthetic Communications, 2001, 31, 225-232.	1.1	21
274	Solid-Phase Total Synthesis of Trunkamide A1. Journal of Organic Chemistry, 2001, 66, 7568-7574.	1.7	44
275	Synthesis and Structure Determination of Kahalalide F1,2. Journal of the American Chemical Society, 2001, 123, 11398-11401.	6.6	127
276	Atropisomerism, biphenyls and the Suzuki coupling: peptide antibiotics. Chemical Society Reviews, 2001, 30, 145-157.	18.7	295
277	Self-assembly of the amphipathic helix (VHLPPP)8. A mechanism for zein protein body formation11Edited by W. Baumeister. Journal of Molecular Biology, 2001, 312, 907-913.	2.0	52
278	Antigenicity modulation upon peptide cyclization: application to the GH loop of foot-and-mouth disease virus strain C1-Barcelona. Vaccine, 2001, 19, 3459-3466.	1.7	11
279	Conformational Analysis of Dehydrodidemnin B (Aplidine) by NMR Spectroscopy and Molecular Mechanics/Dynamics Calculations. Journal of Organic Chemistry, 2001, 66, 4580-4584.	1.7	16
280	Solid phase synthesis of enantiomerically pure polyhydroxyvalerolactams. Tetrahedron Letters, 2001, 42, 871-873.	0.7	17
281	One-pot full peptide deprotection in Fmoc-based solid-phase peptide synthesis: methionine sulfoxide reduction with Bu4NBr. Tetrahedron Letters, 2001, 42, 1891-1893.	0.7	21
282	Inhibition of HIV-2ROD replication in a lymphoblastoid cell line by the Î±1-antitrypsin Portland variant (Î±1-PDX) and the decRVKRcmk peptide: comparison with HIV-1LAI. Microbes and Infection, 2001, 3, 1073-1084.	1.0	3
283	Combined use of ESI-MS and UV diode-array detection for localization of disulfide bonds in proteins: application to an Î±-l -fucosidase of pea. Chemical Biology and Drug Design, 2001, 57, 473-482.	1.2	3
284	Two short peptides including segments of subunit A ofEscherichia coliDNA gyrase as potential probes to evaluate the antibacterial activity of quinolones. Journal of Peptide Science, 2001, 7, 27-40.	0.8	5
285	Location of Disulfide bonds in mature Î±-L;-fucosidase from pea. Journal of Peptide Science, 2001, 7, 305-315.	0.8	7
286	Solid-Phase Synthesis of Peptides Containing Î±,Î²-Didehydroamino Acids. European Journal of Organic Chemistry, 2001, 2001, 45-48.	1.2	11
287	Synthetic Peptides as Functional Mimics of a Viral Discontinuous Antigenic Site. Biologicals, 2001, 29, 265-269.	0.5	8
288	Proline: A Key Building Block in â€œde novoâ€•Designed Peptide Molecules. , 2001, , 432-434.		0

#	Article	IF	Citations
289	A Discontinuous Antigenic Site Is Functionally Reproduced by Synthetic Peptide Constructions. , 2001, , 1018-1020.		0
290	Novel charged [14]azolophanes: associative behaviour revealed by electrospray ionization. , 2000, 14, 1014-1016.		10
291	Native-like cyclic peptide models of a viral antigenic site: finding a balance between rigidity and flexibility. , 2000, 13, 5-13.		29
292	Synthesis of aspartimide-free protected peptides on base-labile functionalized resins. Tetrahedron Letters, 2000, 41, 8093-8096.	0.7	12
293	Kahalalide B. Synthesis of a natural cyclodepsipeptide. Tetrahedron Letters, 2000, 41, 9765-9769.	0.7	25
294	Enantioselective synthetic approaches to cyclopropane and cyclobutane Î²-amino acids: synthesis and structural study of a conformationally constrained Î²-dipeptide. Tetrahedron: Asymmetry, 2000, 11, 3569-3584.	1.8	63
295	Prodigiosin from the supernatant of Serratia marcescens induces apoptosis in haematopoietic cancer cell lines. British Journal of Pharmacology, 2000, 131, 585-593.	2.7	163
296	Direct single-step surface plasmon resonance analysis of interactions between small peptides and immobilized monoclonal antibodies. Journal of Immunological Methods, 2000, 235, 101-111.	0.6	23
297	Disulfide Bonded Cyclic Peptide Dimers and Trimers: An Easy Entry to High Symmetry Peptide Frameworks. Synlett, 2000, 2000, 172-181.	1.0	8
298	Molecular analysis of peptides from the GH loop of foot-and-mouth disease virus C-S30 using surface plasmon resonance: a role for kinetic rate constants. Molecular Immunology, 2000, 37, 975-985.	1.0	6
299	Side chain elongation causes a change from enthalpy driven to entropy driven binding in the molecular recognition of tetraanionic peptides. Chemical Communications, 2000, , 1399-1400.	2.2	19
300	Oxazolopiperidin-2-ones as Type IIâ€˜ Î²-Turn Mimetics:Â Synthesis and Conformational Analysis. Journal of Organic Chemistry, 2000, 65, 6992-6999.	1.7	41
301	3-Amino-2-piperidones as constrained pseudopeptides: Preparation of a new Ser-Leu surrogate. Tetrahedron Letters, 1999, 40, 4865-4868.	0.7	17
302	Title is missing!. International Journal of Peptide Research and Therapeutics, 1999, 6, 109-115.	0.1	4
303	Title is missing!. International Journal of Peptide Research and Therapeutics, 1999, 6, 165-172.	0.1	0
304	An investigation of residue-specific contributions to peptide desorption in MALDI-TOF mass spectrometry. International Journal of Peptide Research and Therapeutics, 1999, 6, 109-115.	0.1	7
305	Application of the disulfide trapping approach to explain the antiparallel assembly of dimeric rabbit uteroglobin: A preliminary study using short peptide models. International Journal of Peptide Research and Therapeutics, 1999, 6, 165-172.	0.1	4
306	An HPLC-ESMS study on the solid-phase assembly ofC-terminal proline peptides. , 1999, 5, 131-140.		39

#	Article	IF	Citations
307	Surface plasmon resonance screening of synthetic peptides mimicking the immunodominant region of C-S8c1 foot-and-mouth disease virus. Vaccine, 1999, 18, 362-370.	1.7	25
308	Molecular dynamics study of kaliotoxin in water. International Journal of Biological Macromolecules, 1999, 24, 1-9.	3.6	2
309	A Rationally Designed Synthetic Peptide Mimic of a Discontinuous Viral Antigenic Site Elicits Neutralizing Antibodies. Journal of the American Chemical Society, 1999, 121, 11932-11933.	6.6	6
310	Surface Recognition and Helix Stabilization of a Tetraaspartate Peptide by Shape and Electrostatic Complementarity of an Artificial Receptor. Journal of the American Chemical Society, 1999, 121, 11813-11820.	6.6	47
311	A comparative study of cyclization strategies applied to the synthesis of head-to-tail cyclic analogs of a viral epitope. Chemical Biology and Drug Design, 1999, 53, 56-67.	1.2	16
312	Protein Surface Recognition. , 1999, , 267-280.		2
313	Peptides and molecular recognition: head-to-tail self-assembly, formation of amphipathic surfaces and recognition of anionic superhelices. , 1999, , 351-356.		0
314	Active carbonate resins: Application to the solid-phase synthesis of alcohol, carbamate and cyclic peptides. Tetrahedron, 1998, 54, 10125-10152.	1.0	50
315	Reduction of methionine sulfoxide with : Compatibility with peptides containing cysteine and aromatic amino acids. Tetrahedron, 1998, 54, 15273-15286.	1.0	33
316	An Easy Entry to a New High-Symmetry, Large Molecular Framework for Molecular Recognition Studies and de Novo Protein Design. Solvent Modulation of the Spontaneous Formation of a Cyclic Monomer, Dimer, or Trimer from a Bis-cysteine Peptide. Journal of the American Chemical Society, 1998, 120, 6639-6650.	6.6	17
317	A Similar Pattern of Interaction for Different Antibodies with a Major Antigenic Site of Foot-and-Mouth Disease Virus: Implications for Intratypic Antigenic Variation. Journal of Virology, 1998, 72, 739-748.	1.5	69
318	Recognition and Stabilization of an Î±-Helical Peptide by a Synthetic Receptor. Journal of the American Chemical Society, 1997, 119, 9327-9328.	6.6	95
319	[15] Convergent solid-phase peptide synthesis. Methods in Enzymology, 1997, 289, 313-336.	0.4	33
320	Synthesis and Antitumor Evaluation of New Thiazolo[5,4-b]quinoline Derivatives. Journal of Medicinal Chemistry, 1997, 40, 668-676.	2.9	41
321	A cyclic disulfide peptide reproduces in solution the main structural features of a native antigenic site of foot-and-mouth disease virus. International Journal of Biological Macromolecules, 1997, 20, 209-219.	3.6	13
322	Total Synthesis of Dehydrodidemnin B. Use of Uronium and Phosphonium Salt Coupling Reagents in Peptide Synthesis in Solution. Journal of Organic Chemistry, 1997, 62, 354-366.	1.7	86
323	D-Amino acids in protein de novo design. II. Protein-diastereomerism versus protein-enantiomerism. International Journal of Peptide Research and Therapeutics, 1997, 4, 377-386.	0.1	0
324	Title is missing!. International Journal of Peptide Research and Therapeutics, 1997, 4, 29-39.	0.1	1

#	Article	IF	Citations
325	D-Amino acids in protein de novo design. II. Protein-diastereomerism versus protein-enantiomerism. International Journal of Peptide Research and Therapeutics, 1997, 4, 377-386.	0.1	10
326	Temperature coefficients of peptides dissolved in hexafluoroisopropanol monitor distortions of helices. International Journal of Peptide Research and Therapeutics, 1997, 4, 29-39.	0.1	6
327	The use of the Nbb-resin for the solid-phase synthesis of peptide alkylesters and alkylamides. Synthesis of leuprolide. Tetrahedron, 1997, 53, 3179-3194.	1.0	20
328	Synthetic studies on threonines. The preparation of protected derivatives of d-allo- and l-allo-threonine for peptide synthesis. Tetrahedron, 1997, 53, 3369-3382.	1.0	10
329	Simple methods for the preparation of protected derivatives of and. Tetrahedron Letters, 1997, 38, 299-302.	0.7	5
330	Active carbonate resins for solid-phase synthesis through the anchoring of a hydroxyl function. Synthesis of cyclic and alcohol peptides. Tetrahedron Letters, 1997, 38, 883-886.	0.7	61
331	A new approach to Hmb-backbone protection of peptides: Synthesis and reactivity of NÎ±-Fmoc-NÎ±-(Hmb)amino acids. Tetrahedron Letters, 1997, 38, 2317-2320.	0.7	34
332	Use of Alloc-amino acids in solid-phase peptide synthesis. Tandem deprotection-coupling reactions using neutral conditions. Tetrahedron Letters, 1997, 38, 7275-7278.	0.7	156
333	Structural comparison in solution of a native and retro peptide derived from the third helix ofStaphylococcus aureus protein A, domain B: retro peptides, a useful tool for the discrimination of helix stabilization factors dependent on the peptide chain orientation. Journal of Peptide Science, 1997, 3, 299-313.	0.8	13
334	3D structure of kaliotoxin: is residue 34 a key for channel selectivity?. , 1997, 3, 314-319.		33
335	A large-scale evaluation of peptide vaccines against foot-and-mouth disease: lack of solid protection in cattle and isolation of escape mutants. Journal of Virology, 1997, 71, 2606-2614.	1.5	209
336	Anion Helicates:Â Double Strand Helical Self-Assembly of Chiral Bicyclic Guanidinium Dimers and Tetramers around Sulfate Templates. Journal of the American Chemical Society, 1996, 118, 277-278.	6.6	216
337	Convergent Synthesis of Repeating Peptides (Val-X-Leu-Pro-Pro-Pro)8 Adopting a Polyproline II Conformation. Journal of Organic Chemistry, 1996, 61, 6775-6782.	1.7	27
338	Synthesis of 3-Amino-4-indolyl-2-piperidones: Tryptophan-derived Pseudodipeptides. Heterocycles, 1996, 43, 513.	0.4	13
339	Synthesis of derivatives of (2S,4S)-4-hydroxy-2,5-dimethyl-3-oxohexanoic acid, a constituent of the didemnins. Journal of the Chemical Society Perkin Transactions 1, 1996, , 1427-1433.	0.9	3
340	Structural limitations to antigenic mimicry achievable with retroinverso (all-D-retro) peptides. Trends in Biotechnology, 1996, 14, 44-45.	4.9	25
341	Analysis of the conformational preferences of (4R,5R)-4,5-bis(alkylcarbamoyl)-1,3-dioxolanes. Tetrahedron, 1996, 52, 8275-8286.	1.0	8
342	Use of N-tritylamino acids and PyAOP1 for the suppression of diketopiperazine formation in Fmoc/tBu solid-phase peptide synthesis using alkoxybenzyl ester anchoring linkages. Tetrahedron Letters, 1996, 37, 4195-4198.	0.7	65

#	Article	IF	Citations
343	Solid phase-mediated cyclization of head-to-tail peptides: Problems associated with side chain anchoring. Tetrahedron Letters, 1996, 37, 4229-4232.	0.7	24
344	CD studies of peptides that mimic the four helicoidal sequences of the uteroglobin monomer. International Journal of Peptide Research and Therapeutics, 1996, 2, 353-362.	0.1	3
345	Conformationally Restricted Analogues of Tryptophan: Synthesis of Chiral 3-Amino-4-indolyl-2-piperidones. Synthetic Communications, 1996, 26, 3029-3059.	1.1	14
346	Molecular Evolution of Aphthoviruses. , 1996, , 125-135.		0
347	Direct evaluation of the immunodominance of a major antigenic site of foot-and-mouth disease virus in a natural host. Virology, 1995, 206, 298-306.	1.1	89
348	Molecular evolution of aphthoviruses. Virus Genes, 1995, 11, 197-207.	0.7	37
349	Solutionversus solid-phase cyclization strategies for large sidechain lactam-bridged peptides: A comparative study. Journal of Peptide Science, 1995, 1, 241-250.	0.8	9
350	Synthesis and applications of a new base-labile fluorene derived linker for solid-phase peptide synthesis. Tetrahedron, 1995, 51, 1449-1458.	1.0	41
351	A study of the use of NH4I for the reduction of methionine sulfoxide in peptides containing cysteine and cystine. Tetrahedron, 1995, 51, 5701-5710.	1.0	51
352	Cyclization of a large disulfide peptide in the solid phase. Tetrahedron Letters, 1995, 36, 1137-1140.	0.7	11
353	Boc-S-methylbenzyl-(S)-2-amino-6-mercaptohexanoic acid: Preparation and application to the synthesis of a large cyclic disulfide peptide. Tetrahedron Letters, 1995, 36, 3885-3888.	0.7	5
354	Structure of the major antigenic loop of foot-and-mouth disease virus complexed with a neutralizing antibody: direct involvement of the Arg-Gly-Asp motif in the interaction.. EMBO Journal, 1995, 14, 1690-1696.	3.5	170
355	Convergent Solid Phase Peptide Synthesis: An Efficient Approach to the Synthesis of Highly Repetitive Protein Domains. Journal of Organic Chemistry, 1995, 60, 7575-7581.	1.7	29
356	S-Phenylacetamidomethyl (Phacm): an orthogonal cysteine protecting group for Boc and Fmoc solid-phase peptide synthesis strategies. Journal of the Chemical Society Perkin Transactions 1, 1995, , 1095.	0.9	38
357	Convergent solidâ€phase peptide synthesis 12. * Chromatographic techniques for the purification of protected peptide segments. International Journal of Peptide and Protein Research, 1995, 46, 119-133.	0.1	7
358	Structure of the major antigenic loop of foot-and-mouth disease virus complexed with a neutralizing antibody: direct involvement of the Arg-Gly-Asp motif in the interaction. EMBO Journal, 1995, 14, 1690-6.	3.5	54
359	Examining the relationship between secondary structure and antibody recognition in immunopeptides from foot-and-mouth disease virus. International Journal of Peptide Research and Therapeutics, 1994, 1, 39-49.	0.1	5
360	Solid-phase synthesis of peptides using allylic anchoring groups 2. Palladium-catalysed cleavage of Fmoc-protected peptides. Tetrahedron Letters, 1994, 35, 4437-4440.	0.7	30

#	Article	IF	Citations
361	Crystallization and preliminary x-ray diffraction studies of a monoclonal antibody fab fragment against foot-and-mouth disease virus and of its complex with the main antigenic site peptide. Proteins: Structure, Function and Bioinformatics, 1994, 18, 201-203.	1.5	11
362	Severe side-reaction in the acidolytic cleavage of a C-terminal Met-containing peptide from the solid support. Formation of the homoserine lactone peptide. Tetrahedron Letters, 1994, 35, 175-178.	0.7	9
363	Solid-phase synthesis of â€œhead-to-tailâ€•cyclic peptides via lysine side-chain anchoring. Tetrahedron Letters, 1994, 35, 9633-9636.	0.7	81
364	Kaliotoxin (1-37) Shows Structural Differences With Related Potassium Channel Blockers. Biochemistry, 1994, 33, 14256-14263.	1.2	58
365	Synthesis of D-alloisoleucine from L-isoleucine and from (S)-2-methylbutan-1-ol. Synthesis of isostatine. Journal of the Chemical Society Perkin Transactions 1, 1994, , 1969.	0.9	24
366	Association between double mutation in gyrA gene of ciprofloxacin-resistant clinical isolates of Escherichia coli and MICs. Antimicrobial Agents and Chemotherapy, 1994, 38, 2477-2479.	1.4	260
367	Peptides in molecular recognition: synthetic and conformational aspects. Biochemical Society Transactions, 1994, 22, 1045-1048.	1.6	1
368	Antigenic heterogeneity of a foot-and-mouth disease virus serotype in the field is mediated by very limited sequence variation at several antigenic sites. Journal of Virology, 1994, 68, 1407-1417.	1.5	115
369	CD of proline-rich polypeptides: Application to the study of the repetitive domain of maize glutelin-2. Biopolymers, 1993, 33, 1019-1028.	1.2	166
370	Convergent solid-phase peptide synthesis. XI. Synthesis and purification of protected peptide segments spanning the entire sequence of the uteroglobin monomer using the photolabile nbb-resin.. Tetrahedron, 1993, 49, 10069-10078.	1.0	16
371	Convergent solid-phase peptide synthesis. Tetrahedron, 1993, 49, 11065-11133.	1.0	205
372	Gel-phase 31P-NMR. A new analytical tool to evaluate solid phase oligonucleoside synthesis.. Bioorganic and Medicinal Chemistry Letters, 1993, 3, 2793-2796.	1.0	25
373	Use of substituted and tandem-repeated peptides to probe the relevance of the highly conserved RGD tripeptide in the immune response against foot-and-mouth disease virus. FEBS Letters, 1993, 330, 253-259.	1.3	32
374	Cyclic disulfide model of the major antigenic site of serotype-C foot-and-mouth disease virus. FEBS Letters, 1993, 328, 159-164.	1.3	17
375	Design, synthesis, and complexing properties of (1Cys-1'Cys,4Cys-4'Cys)-dithiobis(Ac-L-1Cys-L-Pro-D-Val-L-4Cys-NH2). The first example of a new family of ion-binding peptides. Journal of the American Chemical Society, 1993, 115, 11663-11670.	6.6	27
376	Unequivocal synthesis and characterization of a parallel and an antiparallel bis-cystine peptide. Journal of Organic Chemistry, 1993, 58, 6319-6328.	1.7	13
377	Distinct repertoire of antigenic variants of foot-and-mouth disease virus in the presence or absence of immune selection. Journal of Virology, 1993, 67, 6071-6079.	1.5	117
378	2-Aminofluorene as a useful compound in convergent solid phase peptide synthesis. , 1993, , 288-289.		0

#	Article	IF	Citations
379	Conformational Study of a Nine Residue Fragment of the Antigenic Loop of Foot-and-Mouth Disease Virus. Journal of Biomolecular Structure and Dynamics, 1992, 10, 1-13.	2.0	10
380	Reversible protection of lysine to facilitate the purification of protected peptide segments. Tetrahedron Letters, 1992, 33, 397-400.	0.7	7
381	S-2-(2,4-dinitrophenyl)ethyl–cysteine: a new derivative for solid-phase peptide synthesis. Tetrahedron Letters, 1992, 33, 2391-2394.	0.7	15
382	A new flourene-derived anchor for solid-phase synthesis of protected peptides. Tetrahedron Letters, 1992, 33, 1775-1778.	0.7	28
383	Synthesis and ion-binding properties of an immobilized bis-cysteine peptide. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 281-284.	1.0	0
384	A new approach to the solid-phase peptide synthesis of peptide alkyl-amides and esters. Tetrahedron Letters, 1992, 33, 2183-2186.	0.7	11
385	Non-additive effects of multiple amino acid substitutions on antigen-antibody recognition. European Journal of Immunology, 1992, 22, 1385-1389.	1.6	35
386	Studies on antigenic variability of C strains of footâ€andâ€mouth disease virus by means of synthetic peptides and monoclonal antibodies. International Journal of Peptide and Protein Research, 1992, 39, 41-47.	0.1	42
387	Synthetic and immunological studies of protein p12 from African swine fever virus. , 1992, , 719-720.		2
388	Convergent solid-phase peptide synthesis. , 1992, , 607-608.		1
389	RNA binding characteristics of a 16 kDa glycine-rich protein from maize. Plant Journal, 1992, 2, 999-1003.	2.8	0
390	Convergent solid-phase peptide synthesis IX: application to the synthesis of peptides with repetitive sequences. Peptide Research, 1992, 5, 62-71.	0.2	3
391	A new ionizable chromophore of 1,4-bis(alkylamino)benzo[g]phthalazine which interacts with DNA by intercalation. Journal of Medicinal Chemistry, 1991, 34, 82-86.	2.9	21
392	Determination of interchain NOEs in symmetrical dimer peptides. Journal of the American Chemical Society, 1991, 113, 5049-5050.	6.6	6
393	Diurnal rhythm of rat liver cytosolic 3-hydroxy-3-methylglutaryl-CoA synthase. Biochemical Journal, 1991, 280, 61-64.	1.7	19
394	NPE-resin, a new approach to the solid-phase synthesis of protected peptides and oligonucleotides I : Synthesis of the supports and their application to oligonucleotide synthesis.. Tetrahedron Letters, 1991, 32, 1511-1514.	0.7	42
395	NPE-resin, a new approach to the solid-phase synthesis of protected peptides and oligonucleotides II. Synthesis of protected peptides. Tetrahedron Letters, 1991, 32, 1515-1518.	0.7	31
396	Conformational analysis of bacitracin A, a naturally occurring lariat. Biopolymers, 1991, 31, 605-612.	1.2	8

#	Article	IF	Citations
397	Conformational analysis of two cyclic disulfide peptides. Biopolymers, 1991, 31, 835-843.	1.2	10
398	Determination of the enantiomeric purity of synthetic peptides by gas chromatographyâ€"mass spectrometry. Biomedical Applications, 1991, 562, 447-458.	1.7	10
399	Solid-phase synthesis of peptides using allylic anchoring groups. An investigation of their palladium-catalysed cleavage. Tetrahedron Letters, 1991, 32, 4207-4210.	0.7	51
400	Convergent solid-phase peptide synthesis. X. Synthesis and purification of protected peptide fragments using the photolabile Nbb-resin. Tetrahedron, 1991, 47, 9867-9880.	1.0	27
401	Preparation of oligonucleotides containing dAICA using an unexpected side-reaction observed on a protected derivative of 2-aza-2â€²-deoxyinosine.. Tetrahedron, 1991, 47, 8917-8930.	1.0	13
402	Synthesis of defined peptide-oligonucleotide hybrids containing a nuclear transport signal sequence.. Tetrahedron, 1991, 47, 4113-4120.	1.0	84
403	Convergent solidâ€phase peptide synthesis. International Journal of Peptide and Protein Research, 1991, 37, 58-60.	0.1	23
404	Cyclization of disulfideâ€containing peptides in solidâ€phase synthesis^{â€}. International Journal of Peptide and Protein Research, 1991, 37, 402-413.	0.1	85
405	Recent results in convergent solid-phase peptide synthesis. , 1991, , 146-148.		2
406	Synthetic approaches to double disulfide-containing peptides. , 1991, , 238-240.		0
407	Synthesis of heterodetic bicyclic Gly/Lys-containing octa- and nonapeptides. , 1991, , 223-224.		0
408	Synthetic peptides as probes to study the antigenic variability of foot-and-mouth disease virus. , 1991, , 864-866.		0
409	NPE-resin, a new approach to the solid-phase synthesis of protected peptides and oligonucleotides. , 1991, , 134-136.		3
410	Use of BOP reagent for the suppression of diketopiperazine formation in boc/bzl solid-phase peptide synthesis. Tetrahedron Letters, 1990, 31, 7363-7366.	0.7	59
411	Polysytyrene-supported synthesis by the phosphite triester approach: An alternative for the large scale synthesis of small oligodeoxyribonucleotides.. Tetrahedron Letters, 1990, 31, 6231-6234.	0.7	24
412	Gly/Lys- containing peptide macrocycles: Synthesis and cyclization studies. Tetrahedron Letters, 1990, 31, 4191-4194.	0.7	9
413	Arenesulphonyltriazolides as condensing reagents in solid phasepeptide synthesis. Tetrahedron Letters, 1990, 31, 1915-1918.	0.7	14
414	Solid-phase approaches to regiospecific double disulfide formation. Application to a fragment of bovine pituitary peptide. Tetrahedron, 1990, 46, 8255-8266.	1.0	33

#	Article	IF	Citations
415	Optimization of the experimental procedures in fast atom bombardment mass spectrometry of peptides with a quadrupole mass spectrometer. Biological Mass Spectrometry, 1990, 19, 235-239.	0.5	3
416	Convenient Syntheses of Fluorenylmethyl-Based Side Chain Derivatives of Glutamic and Aspartic acids, Lysine, and Cysteine. Synthesis, 1990, 1990, 119-122.	1.2	44
417	Solid-phase-mediated peptide heterodisulfide formation. Journal of the American Chemical Society, 1990, 112, 5345-5347.	6.6	21
418	Determination of rotational barriers of carbon(sp2)-carbon(sp3) bonds in 2-arylpiperidines. 3. Proton dynamic nuclear magnetic resonance studies and molecular mechanics calculations of the 1,2,2-trimethyl-6-(3,4,5-trimethoxyphenyl)- and 1,5,5-trimethyl-2-(3,4,5-trimethoxyphenyl)-4-piperidones. Journal of Organic Chemistry, 1990, 55, 2307-2311.	1.7	10
419	A single amino acid substitution affects multiple overlapping epitopes in the major antigenic site of foot-and-mouth disease virus of serotype C. Journal of General Virology, 1990, 71, 629-637.	1.3	199
420	Application of acetamidomethyl and 9â€fluorenylmethyl groups for efficient side protection of penicillamine in solidâ€phase peptide synthesis. International Journal of Peptide and Protein Research, 1990, 35, 434-440.	0.1	11
421	Unique amino acid substitutions in the capsid proteins of foot-and-mouth disease virus from a persistent infection in cell culture. Journal of Virology, 1990, 64, 5519-5528.	1.5	109
422	A synthetic strategy for simultaneous purification-conjugation of antigenic peptides. Analytical Biochemistry, 1989, 181, 389-395.	1.1	10
423	Use of polystyrene-1% divinylbenzene and Kel-F-g-styrene for the simultaneous synthesis of peptides. Reactive & Functional Polymers, 1989, 10, 259-268.	0.8	6
424	Kinetic analyis of the carboxypeptidase a hydrolysis of oligopeptides by reversed-phase high-performance liquid chromatography. Journal of Chromatography A, 1989, 479, 27-37.	1.8	3
425	Convenient synthesis of a cyclic peptide disulfide: A type II Î²-turn structural model. Tetrahedron Letters, 1989, 30, 2441-2444.	0.7	35
426	Formation of aspartimide peptides in Asp-Gly sequences. Tetrahedron Letters, 1989, 30, 497-500.	0.7	115
427	Convergent solid phase peptide synthesis. VII. Good yields in the coupling of protected segments on a solid support. Tetrahedron, 1989, 45, 4637-4648.	1.0	21
428	Comparative study of supports for solid-phase coupling of protected-peptide segments. Journal of Organic Chemistry, 1989, 54, 360-366.	1.7	51
429	Implications of a quasispecies genome structure: effect of frequent, naturally occurring amino acid substitutions on the antigenicity of foot-and-mouth disease virus.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 5883-5887.	3.3	134
430	Anchoring of Fmocâ€amino acids to hydroxymethyl resins. International Journal of Peptide and Protein Research, 1989, 33, 386-390.	0.1	35
431	Use of the Npys thiol protection in solid phase peptide synthesis Application to direct peptideâ€protein conjugation through cysteine residues. International Journal of Peptide and Protein Research, 1989, 34, 124-128.	0.1	47
432	13C Dynamic Nmr Studies on Restricted Rotation about C-N Bond in 2-Aryl-1-formyl-4-piperidones. Heterocycles, 1989, 29, 2185.	0.4	16

#	Article	IF	Citations
433	Fast atom bombardment mass spectrometry of protected peptide segments. Biomedical & Environmental Mass Spectrometry, 1988, 15, 681-684.	1.6	13
434	Molecular cloning of cDNAs encoding a putative cell wall protein from Zea mays and immunological identification of related polypeptides. Plant Molecular Biology, 1988, 11, 483-493.	2.0	70
435	Uteroglobin-like peptide cavities I. Synthesis of antiparallel and parallel dimers of bis-cysteine peptides. Tetrahedron Letters, 1988, 29, 3845-3848.	0.7	34
436	Steady-state dqf-cosy spectra using a variable relaxation delay. Journal of Magnetic Resonance, 1988, 78, 314-320.	0.5	3
437	Use of polar picolyl protecting groups in peptide synthesis. Journal of Organic Chemistry, 1988, 53, 5386-5389.	1.7	17
438	Reactivity with monoclonal antibodies of viruses from an episode of foot-and-mouth disease. Virus Research, 1987, 8, 261-274.	1.1	127
439	Polymer bound pyrrole compounds- II. Tetrahedron, 1987, 43, 2593-2608.	1.0	14
440	Conformational analysis of the repeated sequence of glutelin-2, a maize storage protein. Magnetic Resonance in Chemistry, 1987, 25, 402-406.	1.1	12
441	Convergent solid phase peptide synthesis. v. synthesis of the 1-4, 32-34, and 53-59 protected segments of the toxin ii of androctonus australis hector.. Tetrahedron, 1987, 43, 5961-5971.	1.0	20
442	Convergent solid phase peptide synthesis vi : synthesis by the fmoc procedure with a modified protocol of two protected segments, sequence 5-17 and 18-31 of the neurotoxin ii of the scorpion androctonus australis hector.. Tetrahedron, 1987, 43, 5973-5980.	1.0	15
443	Reversed-phase high-performance liquid chromatography of protected peptide segments. Journal of Chromatography A, 1987, 409, 281-290.	1.8	6
444	Synthesis of the protected repeat sequence of glutelinâ€2 of maize, Bocâ€Valâ€Hisâ€Leuâ€Proâ€Proâ€Proâ€OH, via nucleophilic cleavage from an Nbbâ€resin. International Journal of Peptide and Protein Research, 1987, 29, 647-656.	0.1	7
445	Molecular mechanics calculations on the Csp3-Csp2 rotation in the N,3,3-trimethyl-2-phenyl-4-piperidone system. Journal of Organic Chemistry, 1986, 51, 3951-3955.	1.7	7
446	(S)-9-Fluorenylmethyl-L-cysteine, a useful HF-stable derivative for peptide synthesis. Journal of the Chemical Society Chemical Communications, 1986, , 1501.	2.0	23
447	Application of two-dimensional NMR spectroscopy to the study of the cyclic decapeptide antamanide. Magnetic Resonance in Chemistry, 1986, 24, 123-129.	1.1	7
448	Convergent solid phase peptide synthesis IV.. Tetrahedron, 1986, 42, 6703-6711.	1.0	17
449	Convergent solid phase peptide synthesis-III. Tetrahedron, 1986, 42, 691-698.	1.0	25
450	Determination of rotational barriers of c(sp2)-c(sp3) bonds in 2-arylpiperidines. II.1 1h-dnmr and 13c-dnmr studies of the trans-1,3-dimethyl-2-(3,4,5-trimethoxyphenyl)-4-piperidone. Tetrahedron, 1986, 42, 3957-3966.	1.0	15

#	Article	IF	Citations
451	Diketopiperazine formation in solid phase peptide synthesis using p-alkoxybenzyl ester resins and Fmoc-amino acids. Tetrahedron Letters, 1986, 27, 743-746.	0.7	124
452	Determination of the preferred tautomeric form of 4â€nitrohistidine. Journal of Heterocyclic Chemistry, 1986, 23, 921-924.	1.4	9
453	The relevance of imidazole tautomerism for the hormonal activity of histidine-containing peptides. Bioorganic Chemistry, 1986, 14, 405-416.	2.0	12
454	Conformational analysis of -2,3-diaryloxy-1,4-dioxanes. A tool for discriminating between steric and electronic effects in the position of. Tetrahedron, 1985, 41, 3785-3789.	1.0	7
455	13C-NMR spectra of fluorinated molecules using 19F-13C polarization transfer. Tetrahedron Letters, 1985, 26, 2817-2820.	0.7	6
456	Use of histidine pKa changes to study peptide-DNA interactions. Bioorganic Chemistry, 1985, 13, 171-178.	2.0	2
457	The Use of Nbb Resin in Cyclic Dipeptide ("Diketopiperazine") Synthesis. Synthesis, 1985, 1985, 181-184.	1.2	14
458	Application of gel-phase 13c-nmr to monitor solid phase peptide synthesis. Tetrahedron, 1984, 40, 4141-4152.	1.0	104
459	Determination of rotational barriers of carbonï£¿carbon bonds in 2â€arylpiperidines. Journal of Heterocyclic Chemistry, 1984, 21, 715-720.	1.4	15
460	Polymer bound pyrrole compounds. Reversible anchoring of bilirubin and biliverdin to a polystyrene matrix. Tetrahedron Letters, 1984, 25, 4145-4146.	0.7	9
461	Solid phase synthesis of tyrosine-containing histone fragments. Tetrahedron, 1983, 39, 3185-3188.	1.0	10
462	Conformational analysis of 2,3-dialkoxy-1,4-dioxanes. Tetrahedron, 1983, 39, 3959-3963.	1.0	12
463	Determination of acid dissociation constants of histidine-containing peptides by proton magnetic resonance spectroscopy. Magnetic Resonance in Chemistry, 1983, 21, 208-213.	0.7	12
464	Conformational basis of N-glycosylation of proteins: conformational analysis of Ac-Asn-Ala-Thr-NH2. International Journal of Biological Macromolecules, 1983, 5, 279-282.	3.6	4
465	Aminoâ€acids condensations in the preparation of NÎ±â€9â€fluorenylrnethyloxycarbonylaminoâ€acids with 9â€fluorenylmethylchloroformate. International Journal of Peptide and Protein Research, 1983, 22, 125-128.	0.1	63
466	Convergent solid phase peptide synthesis. I. Synthesis of protected segments on a hydroxymethylphenyloxymethyl resin using the base labile FMOC Î±-amine protection. Model synthesis of LHRH.. Tetrahedron, 1982, 38, 1183-1192.	1.0	45
467	Convergent solid phase peptide synthesis. II. Synthesis of the 1â€“6 apamin protected segment on a NBB-resin. Synthesis of apamin. Tetrahedron, 1982, 38, 1193-1201.	1.0	56
468	Diketopiperazine formation in acetamido-and nitrobenzamido-bridgedpolymeric supports.. Tetrahedron Letters, 1981, 22, 3779-3782.	0.7	42

#	Article	IF	Citations
469	Î±-(Phenylacetamido)benzylpolystyrene (pab-resin). Tetrahedron, 1981, 37, 2007-2010.	1.0	12
470	Acid-base properties of 4-nitro-l-histidine and related compounds. Bioorganic Chemistry, 1979, 8, 59-67.	2.0	3
471	Effect of trifluoroacetic acid upon Boc-aminoacyl- and Box-peptidyl-resins. Description of a new polymeric support for solid phase peptide synthesis.. Tetrahedron Letters, 1979, 20, 3587-3590.	0.7	4
472	A betamimetic drug and human fetal lung maturation. European Journal of Obstetrics, Gynecology and Reproductive Biology, 1979, 9, 261-263.	0.5	10
473	Chromatographic determination of 4-nitro-l-histidine. Journal of Chromatography A, 1978, 151, 228-231.	1.8	1
474	36 Clinical phase I and II trial of cis platinum (CDDP) and preclinical and clinical phase I studies of malonato platinum (MDP). Biochimie, 1978, 60, 1062.	1.3	0
475	Benzomorphan related compounds. III.. Structural determination of Î”³ â€•and Î”⁴â€tetrahydropyridines by nuclear magnetic resonance. Journal of Heterocyclic Chemistry, 1976, 13, 305-309.	1.4	4
476	A proton magnetic resonance study of isomeric alkylidencyanoesters. Magnetic Resonance in Chemistry, 1975, 7, 585-587.	0.7	3
477	Protein Chemical Synthesis Combined with Mirror-Image Phage Display Yields D-Peptide EGF Ligands that Block the EGF-EGFR Interaction. SSRN Electronic Journal, 0, , .	0.4	0