Ernest Giralt

List of Publications by Year
in descending order

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477 papers	18,525 citations	13099 68 h-index	24258 110 g-index
571 all docs	571 docs citations	571 times ranked	18583 citing authors

#	Article	IF	Citations
1	Perspectives on NMR in drug discovery: a technique comes of age. Nature Reviews Drug Discovery, 2008, 7, 738-745.	46.4	373
2	Molecular recycling within amyloid fibrils. Nature, 2005, 436, 554-558.	27.8	342
3	Peptide and Amide Bond-Containing Dendrimers. Chemical Reviews, 2005, 105, 1663-1682.	47.7	321
4	Bloodâ€“brain barrier shuttle peptides: an emerging paradigm for brain delivery. Chemical Society Reviews, 2016, 45, 4690-4707.	38.1	318
5	Mechanism of action of and resistance to quinolones. Microbial Biotechnology, 2009, 2, 40-61.	4.2	317
6	Nanoparticle-Mediated Local and Remote Manipulation of Protein Aggregation. Nano Letters, 2006, 6, 110-115.	9.1	305
7	Atropisomerism, biphenyls and the Suzuki coupling: peptide antibiotics. Chemical Society Reviews, 2001, 30, 145-157.	38.1	295
8	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.	3.2	260
9	Three Valuable Peptides from Bee and Wasp Venoms for Therapeutic and Biotechnological Use: Melittin, Apamin and Mastoparan. Toxins, 2015, 7, 1126-1150.	3.4	253
10	Modulating proteinâ€“protein interactions: the potential of peptides. Chemical Communications, 2015, 51, 3302-3315.	4.1	228
11	Delivery of gold nanoparticles to the brain by conjugation with a peptide that recognizes the transferrin receptor. Biomaterials, 2012, 33, 7194-7205.	11.4	220
12	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.	13.7	216
13	Cell-Penetrating Peptides: Design Strategies beyond Primary Structure and Amphipathicity. Molecules, 2017, 22, 1929.	3.8	214
14	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.	3.4	209
15	Convergent solid-phase peptide synthesis. Tetrahedron, 1993, 49, 11065-11133.	1.9	205
16	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.	2.9	199
17	Mechanistic aspects of CPP-mediated intracellular drug delivery: Relevance of CPP self-assembly. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 264-279.	2.6	198
18	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.	7.8	170

#	Article	IF	Citations
19	CD of proline-rich polypeptides: Application to the study of the repetitive domain of maize glutelin-2. Biopolymers, 1993, 33, 1019-1028.	2.4	166
20	Proline-rich, amphipathic cell-penetrating peptides. Advanced Drug Delivery Reviews, 2008, 60, 473-484.	13.7	166
21	Prodigiosin from the supernatant of Serratia marcescens induces apoptosis in haematopoietic cancer cell lines. British Journal of Pharmacology, 2000, 131, 585-593.	5.4	163
22	Use of Alloc-amino acids in solid-phase peptide synthesis. Tandem deprotection-coupling reactions using neutral conditions. Tetrahedron Letters, 1997, 38, 7275-7278.	1.4	156
23	Homogeneous Conjugation of Peptides onto Gold Nanoparticles Enhances Macrophage Response. ACS Nano, 2009, 3, 1335-1344.	14.6	148
24	Measuring the Spinâ€Polarization Power of a Single Chiral Molecule. Small, 2017, 13, 1602519.	10.0	143
25	Fine structure study of AÎ² 1â€“42 fibrillogenesis with atomic force microscopy. FASEB Journal, 2005, 19, 1344-1346.	0.5	141
26	Potential Peptide Carriers: Amphipathic Proline-Rich Peptides Derived from the N-Terminal Domain ofÎ³-Zein. Angewandte Chemie - International Edition, 2004, 43, 1811-1814.	13.8	140
27	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.	7.1	134
28	Peptides conjugated to gold nanoparticles induce macrophage activation. Molecular Immunology, 2009, 46, 743-748.	2.2	130
29	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.	2.5	129
30	Reactivity with monoclonal antibodies of viruses from an episode of foot-and-mouth disease. Virus Research, 1987, 8, 261-274.	2.2	127
31	Synthesis and Structure Determination of Kahalalide F1,2. Journal of the American Chemical Society, 2001, 123, 11398-11401.	13.7	127
32	Highly Efficient, Nonpeptidic Oligoguanidinium Vectors that Selectively Internalize into Mitochondria. Journal of the American Chemical Society, 2005, 127, 869-874.	13.7	126
33	Diketopiperazine formation in solid phase peptide synthesis using p-alkoxybenzyl ester resins and Fmoc-amino acids. Tetrahedron Letters, 1986, 27, 743-746.	1.4	124
34	Amphipathic peptides and drug delivery. Biopolymers, 2004, 76, 196-203.	2.4	122
35	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.	3.4	117
36	Formation of aspartimide peptides in Asp-Gly sequences. Tetrahedron Letters, 1989, 30, 497-500.	1.4	115

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37	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.	3.4	115
38	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.	3.6	114
39	Peptide Dendrimers Based on Polyproline Helices. Journal of the American Chemical Society, 2002, 124, 8876-8883.	13.7	111
40	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.	7.1	109
41	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.	3.4	109
42	Reelin delays amyloid-beta fibril formation and rescues cognitive deficits in a model of Alzheimerâ€™s disease. Nature Communications, 2014, 5, 3443.	12.8	108
43	Solid-phase synthesis and characterization of N-methyl-rich peptides. Chemical Biology and Drug Design, 2008, 65, 153-166.	1.1	107
44	Application of gel-phase 13c-nmr to monitor solid phase peptide synthesis. Tetrahedron, 1984, 40, 4141-4152.	1.9	104
45	Improving the brain delivery of gold nanoparticles by conjugation with an amphipathic peptide. Nanomedicine, 2010, 5, 897-913.	3.3	103
46	Cell-Penetratingcis-Î³-Amino-l-Proline-Derived Peptides. Journal of the American Chemical Society, 2005, 127, 9459-9468.	13.7	102
47	A proline-rich peptide improves cell transfection of solid lipid nanoparticle-based non-viral vectors. Journal of Controlled Release, 2009, 133, 52-59.	9.9	98
48	A New Class of Foldamers Based oncis-Î³-Amino-l-proline1,2. Journal of the American Chemical Society, 2004, 126, 6048-6057.	13.7	97
49	Applying the Retroâ€Enantio Approach To Obtain a Peptide Capable of Overcoming the Bloodâ€“Brain Barrier. Angewandte Chemie - International Edition, 2015, 54, 3967-3972.	13.8	96
50	Recognition and Stabilization of an Î±-Helical Peptide by a Synthetic Receptor. Journal of the American Chemical Society, 1997, 119, 9327-9328.	13.7	95
51	AÎ²40 and AÎ²42 Amyloid Fibrils Exhibit Distinct Molecular Recycling Properties. Journal of the American Chemical Society, 2011, 133, 6505-6508.	13.7	93
52	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.	13.7	92
53	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.	2.4	89
54	Lightâ€Regulated Stapled Peptides to Inhibit Proteinâ€“Protein Interactions Involved in Clathrinâ€Mediated Endocytosis. Angewandte Chemie - International Edition, 2013, 52, 7704-7708.	13.8	88

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55	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.	3.2	86
56	Cyclization of disulfideâ€containing peptides in solidâ€phase synthesis^{â€}. International Journal of Peptide and Protein Research, 1991, 37, 402-413.	0.1	85
57	Synthesis of defined peptide-oligonucleotide hybrids containing a nuclear transport signal sequence.. Tetrahedron, 1991, 47, 4113-4120.	1.9	84
58	DNA Interaction and Dual Topoisomerase I and II Inhibition Properties of the Anti-Tumor Drug Prodigiosin. Toxicological Sciences, 2005, 85, 870-879.	3.1	84
59	Solid-phase synthesis of â€œhead-to-tailâ€•cyclic peptides via lysine side-chain anchoring. Tetrahedron Letters, 1994, 35, 9633-9636.	1.4	81
60	Self-Assembly of a Cyclobutane Î²-Tetrapeptide To Form Nanosized Structures. Organic Letters, 2007, 9, 3643-3645.	4.6	81
61	Baicalin, a prodrug able to reach the CNS, is a prolyl oligopeptidase inhibitor. Bioorganic and Medicinal Chemistry, 2008, 16, 7516-7524.	3.0	81
62	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.	7.1	81
63	Cytosolic Targeting of Macromolecules Using a pH-Dependent Fusogenic Peptide in Combination with Cationic Liposomes. Bioconjugate Chemistry, 2009, 20, 953-959.	3.6	81
64	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.	3.2	80
65	Gold Nanoparticles and Microwave Irradiation Inhibit Beta-Amyloid Amyloidogenesis. Nanoscale Research Letters, 2008, 3, .	5.7	75
66	In vitro activity of several antimicrobial peptides against colistin-susceptible and colistin-resistant Acinetobacter baumannii. Clinical Microbiology and Infection, 2012, 18, 383-387.	6.0	75
67	Shuttleâ€Mediated Drug Delivery to the Brain. Angewandte Chemie - International Edition, 2011, 50, 7998-8014.	13.8	74
68	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.	3.9	70
69	PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. Journal of Controlled Release, 2018, 276, 125-139.	9.9	70
70	A Third Shot at EGFR: New Opportunities in Cancer Therapy. Trends in Pharmacological Sciences, 2019, 40, 941-955.	8.7	69
71	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.	3.4	69
72	Stable Conjugates of Peptides with Gold Nanorods for Biomedical Applications with Reduced Effects on Cell Viability. ACS Applied Materials & Interfaces, 2013, 5, 4076-4085.	8.0	67

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73	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.	13.7	66
74	Structure and Intermolecular Dynamics of Aggregates Populated during Amyloid Fibril Formation Studied by Hydrogen/Deuterium Exchange. Accounts of Chemical Research, 2010, 43, 1072-1079.	15.6	66
75	Design, Synthesis and Characterization of a New Anionic Cellâ€Penetrating Peptide: SAP(E). ChemBioChem, 2011, 12, 896-903.	2.6	66
76	MiniApâ€4: A Venomâ€Inspired Peptidomimetic for Brain Delivery. Angewandte Chemie - International Edition, 2016, 55, 572-575.	13.8	66
77	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.	1.4	65
78	Solid-phase-assisted synthesis of targeting peptideâ€“PEGâ€“oligo(ethane amino)amides for receptor-mediated gene delivery. Organic and Biomolecular Chemistry, 2012, 10, 3258.	2.8	65
79	all-<scp>D</scp> proline-rich cell-penetrating peptides: a preliminary in vivo internalization study. Biochemical Society Transactions, 2007, 35, 794-796.	3.4	64
80	N-Methyl Phenylalanine-Rich Peptides as Highly Versatile Bloodâ^'Brain Barrier Shuttles. Journal of Medicinal Chemistry, 2010, 53, 2354-2363.	6.4	64
81	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
82	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
83	Peptides and proteins used to enhance gold nanoparticle delivery to the brain: preclinical approaches. International Journal of Nanomedicine, 2015, 10, 4919.	6.7	62
84	Jumping Hurdles: Peptides Able To Overcome Biological Barriers. Accounts of Chemical Research, 2017, 50, 1847-1854.	15.6	62
85	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.	1.4	61
86	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.	3.2	60
87	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.	3.3	60
88	Use of BOP reagent for the suppression of diketopiperazine formation in boc/bzl solid-phase peptide synthesis. Tetrahedron Letters, 1990, 31, 7363-7366.	1.4	59
89	Toward an Optimal Bloodâ^'Brain Barrier Shuttle by Synthesis and Evaluation of Peptide Libraries. Journal of Medicinal Chemistry, 2008, 51, 4881-4889.	6.4	59
90	Folding and self-assembling with Î²-oligomers based on (1R,2S)-2-aminocyclobutane-1-carboxylic acid. Organic and Biomolecular Chemistry, 2010, 8, 564-575.	2.8	59

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91	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.	3.6	59
92	Combating virulence of Gram-negative bacilli by OmpA inhibition. Scientific Reports, 2017, 7, 14683.	3.3	59
93	Kaliotoxin (1-37) Shows Structural Differences With Related Potassium Channel Blockers. Biochemistry, 1994, 33, 14256-14263.	2.5	58
94	The Natural Product Berberine is a Human Prolyl Oligopeptidase Inhibitor. ChemMedChem, 2007, 2, 354-359.	3.2	58
95	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.	1.9	56
96	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.	13.8	56
97	NMR-based methods and strategies for drug discovery. Chemical Society Reviews, 2003, 32, 365.	38.1	54
98	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.	7.8	54
99	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.	4.2	52
100	Relevant Elements of a Maize Î³-Zein Domain Involved in Protein Body Biogenesis. Journal of Biological Chemistry, 2010, 285, 35633-35644.	3.4	52
101	Comparative study of supports for solid-phase coupling of protected-peptide segments. Journal of Organic Chemistry, 1989, 54, 360-366.	3.2	51
102	Solid-phase synthesis of peptides using allylic anchoring groups. An investigation of their palladium-catalysed cleavage. Tetrahedron Letters, 1991, 32, 4207-4210.	1.4	51
103	A study of the use of NH4I for the reduction of methionine sulfoxide in peptides containing cysteine and cystine. Tetrahedron, 1995, 51, 5701-5710.	1.9	51
104	Differentiation Restricted Endocytosis of Cell Penetrating Peptides in MDCK Cells Corresponds with Activities of Rho-GTPases. Pharmaceutical Research, 2007, 24, 628-642.	3.5	51
105	<scp>D</scp>â€SAP: A New, Noncytotoxic, and Fully Protease Resistant Cellâ€Penetrating Peptide. ChemMedChem, 2008, 3, 296-301.	3.2	51
106	Active carbonate resins: Application to the solid-phase synthesis of alcohol, carbamate and cyclic peptides. Tetrahedron, 1998, 54, 10125-10152.	1.9	50
107	Supramolecular Properties of the Proline-Rich Î³-Zein N-Terminal Domain. Biophysical Journal, 2002, 83, 1194-1204.	0.5	50
108	Abbreviated nomenclature for cyclic and branched homo- and hetero-detic peptides. Chemical Biology and Drug Design, 2005, 65, 550-555.	1.1	50

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109	Shuttling Gold Nanoparticles into Tumoral Cells with an Amphipathic Prolineâ€Rich Peptide. ChemBioChem, 2009, 10, 1025-1031.	2.6	50
110	IB-01212, a New Cytotoxic Cyclodepsipeptide Isolated from the Marine FungusClonostachyssp. ESNA-A009. Journal of Organic Chemistry, 2006, 71, 3335-3338.	3.2	49
111	Inhibition of beta-amyloid toxicity by short peptides containing N-methyl amino acids. Chemical Biology and Drug Design, 2004, 63, 324-328.	1.1	48
112	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.	13.7	47
113	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
114	14-Helical Folding in a Cyclobutane-Containing Î²-Tetrapeptide. Journal of Organic Chemistry, 2004, 69, 5093-5099.	3.2	46
115	Building Cell Selectivity into CPP-Mediated Strategies. Pharmaceuticals, 2010, 3, 1456-1490.	3.8	46
116	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.	1.9	45
117	Spirolactams as Conformationally Restricted Pseudopeptides:Â Synthesis and Conformational Analysis. Journal of Organic Chemistry, 2002, 67, 7587-7599.	3.2	45
118	Convenient Syntheses of Fluorenylmethyl-Based Side Chain Derivatives of Glutamic and Aspartic acids, Lysine, and Cysteine. Synthesis, 1990, 1990, 119-122.	2.3	44
119	Solid-Phase Total Synthesis of Trunkamide A1. Journal of Organic Chemistry, 2001, 66, 7568-7574.	3.2	44
120	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.	13.7	44
121	AT514, a cyclic depsipeptide from Serratia marcescens, induces apoptosis of B-chronic lymphocytic leukemia cells: interference with the Akt/NF-Î°B survival pathway. Leukemia, 2005, 19, 572-579.	7.2	43
122	Bloodâ€“brain barrier peptide shuttles. Current Opinion in Chemical Biology, 2017, 38, 134-140.	6.1	43
123	Diketopiperazine formation in acetamido-and nitrobenzamido-bridgedpolymeric supports.. Tetrahedron Letters, 1981, 22, 3779-3782.	1.4	42
124	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.	1.4	42
125	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
126	From venoms to BBB shuttles: Synthesis and bloodâ€“brain barrier transport assessment of apamin and a nontoxic analog. Biopolymers, 2013, 100, 675-686.	2.4	42

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127	Inhibition of Human Prolyl Oligopeptidase Activity by the Cyclotide Psysol 2 Isolated from Psychotria solitudinum. Journal of Natural Products, 2015, 78, 1073-1082.	3.0	42
128	Synthesis and applications of a new base-labile fluorene derived linker for solid-phase peptide synthesis. Tetrahedron, 1995, 51, 1449-1458.	1.9	41
129	Synthesis and Antitumor Evaluation of New Thiazolo[5,4-b]quinoline Derivatives. Journal of Medicinal Chemistry, 1997, 40, 668-676.	6.4	41
130	Oxazolopiperidin-2-ones as Type IIâ€˜ Î²-Turn Mimetics:Â Synthesis and Conformational Analysis. Journal of Organic Chemistry, 2000, 65, 6992-6999.	3.2	41
131	Identification by 19F NMR of Traditional Chinese Medicinal Plants Possessing Prolyl Oligopeptidase Inhibitory Activity. ChemBioChem, 2006, 7, 827-833.	2.6	41
132	Improving gold nanorod delivery to the central nervous system by conjugation to the shuttle Angiopep-2. Nanomedicine, 2017, 12, 2503-2517.	3.3	41
133	An HPLC-ESMS study on the solid-phase assembly ofC-terminal proline peptides. , 1999, 5, 131-140.		39
134	Fatty acyl moieties: improving Pro-rich peptide uptake inside HeLa cells. Chemical Biology and Drug Design, 2005, 65, 580-590.	1.1	39
135	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.	2.6	39
136	Flavonoids with prolyl oligopeptidase inhibitory activity isolated from Scutellaria racemosa Pers. FÃ¬toterapÃ¬Ã¢, 2010, 81, 552-556.	2.2	39
137	Branched BBB-shuttle peptides: chemoselective modification of proteins to enhance bloodâ€“brain barrier transport. Chemical Science, 2018, 9, 8409-8415.	7.4	39
138	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
139	Gold nanoparticles for selective and remote heating of Î²-amyloid protein aggregates. Materials Science and Engineering C, 2007, 27, 1236-1240.	7.3	38
140	Structureâ^'Activity Relationship of Kahalalide F Synthetic Analogues. Journal of Medicinal Chemistry, 2008, 51, 4920-4931.	6.4	38
141	Retroâ€Enantio Nâ€Methylated Peptides as Î²â€Amyloid Aggregation Inhibitors. ChemMedChem, 2009, 4, 1488-1494.	3.2	38
142	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.	2.4	38
143	Using peptides to increase transport across the intestinal barrier. Advanced Drug Delivery Reviews, 2016, 106, 355-366.	13.7	38
144	Molecular evolution of aphthoviruses. Virus Genes, 1995, 11, 197-207.	1.6	37

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145	A Tetraguanidinium Ligand Binds to the Surface of the Tetramerization Domain of Protein P53. Angewandte Chemie - International Edition, 2004, 43, 196-198.	13.8	37
146	ENPDA: an evolutionary structure-based de novo peptide design algorithm. Journal of Computer-Aided Molecular Design, 2005, 19, 585-601.	2.9	37
147	Targeted Covalent Inhibition of Prolyl Oligopeptidase (POP): Discovery of Sulfonylfluoride Peptidomimetics. Cell Chemical Biology, 2018, 25, 1031-1037.e4.	5.2	36
148	Convenient synthesis of a cyclic peptide disulfide: A type II Î²-turn structural model. Tetrahedron Letters, 1989, 30, 2441-2444.	1.4	35
149	Non-additive effects of multiple amino acid substitutions on antigen-antibody recognition. European Journal of Immunology, 1992, 22, 1385-1389.	2.9	35
150	Anchoring of Fmocâ€amino acids to hydroxymethyl resins. International Journal of Peptide and Protein Research, 1989, 33, 386-390.	0.1	35
151	Small Peptide Inhibitors Disrupt a High-Affinity Interaction between Cytoplasmic Dynein and a Viral Cargo Protein. Journal of Virology, 2010, 84, 10792-10801.	3.4	35
152	Uteroglobin-like peptide cavities I. Synthesis of antiparallel and parallel dimers of bis-cysteine peptides. Tetrahedron Letters, 1988, 29, 3845-3848.	1.4	34
153	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.	1.4	34
154	Solution Structure of the Antitumor Candidate Trunkamide A by 2D NMR and Restrained Simulated Annealing Methods. Journal of Organic Chemistry, 2003, 68, 211-215.	3.2	34
155	Solid-phase approaches to regiospecific double disulfide formation. Application to a fragment of bovine pituitary peptide. Tetrahedron, 1990, 46, 8255-8266.	1.9	33
156	[15] Convergent solid-phase peptide synthesis. Methods in Enzymology, 1997, 289, 313-336.	1.0	33
157	3D structure of kaliotoxin: is residue 34 a key for channel selectivity?. , 1997, 3, 314-319.		33
158	Reduction of methionine sulfoxide with : Compatibility with peptides containing cysteine and aromatic amino acids. Tetrahedron, 1998, 54, 15273-15286.	1.9	33
159	Exploring the interaction of the surfactant N-terminal domain of Î³-Zein with soybean phosphatidylcholine liposomes. Biopolymers, 2004, 73, 258-268.	2.4	33
160	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.	2.8	32
161	Proteomic analysis of a fraction enriched in cell envelope proteins of Acinetobacter baumannii. Proteomics, 2006, 6, S82-S87.	2.2	32
162	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.	1.4	31

#	Article	IF	Citations
163	Synthetic Approaches to Multivalent Lipopeptide Dendrimers Containing Cyclic Disulfide Epitopes of Foot-and-Mouth Disease Virus. Bioconjugate Chemistry, 2003, 14, 144-152.	3.6	31
164	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.	2.4	31
165	Novel System to Achieve One-Pot Modification of Cargo Molecules with Oligoarginine Vectors for Intracellular Delivery. Bioconjugate Chemistry, 2009, 20, 249-257.	3.6	31
166	Solid-phase synthesis of peptides using allylic anchoring groups 2. Palladium-catalysed cleavage of Fmoc-protected peptides. Tetrahedron Letters, 1994, 35, 4437-4440.	1.4	30
167	The role of peptides in bloodâ€brain barrier nanotechnology. Journal of Peptide Science, 2008, 14, 163-173.	1.4	30
168	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.	5.0	30
169	CSA-131, a ceragenin active against colistin-resistant Acinetobacter baumannii and Pseudomonas aeruginosa clinical isolates. International Journal of Antimicrobial Agents, 2015, 46, 568-571.	2.5	30
170	Convergent Solid Phase Peptide Synthesis: An Efficient Approach to the Synthesis of Highly Repetitive Protein Domains. Journal of Organic Chemistry, 1995, 60, 7575-7581.	3.2	29
171	Native-like cyclic peptide models of a viral antigenic site: finding a balance between rigidity and flexibility. , 2000, 13, 5-13.		29
172	Synthesis and screening of a small library of proline-based biodendrimers for use as delivery agents. Biopolymers, 2005, 80, 800-814.	2.4	29
173	Adrenergic Modulation With Photochromic Ligands. Angewandte Chemie - International Edition, 2021, 60, 3625-3631.	13.8	29
174	A new flourene-derived anchor for solid-phase synthesis of protected peptides. Tetrahedron Letters, 1992, 33, 1775-1778.	1.4	28
175	Convergent solid-phase peptide synthesis. X. Synthesis and purification of protected peptide fragments using the photolabile Nbb-resin. Tetrahedron, 1991, 47, 9867-9880.	1.9	27
176	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.	13.7	27
177	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.	3.2	27
178	Convergent Approaches for the Synthesis of the Antitumoral Peptide, Kahalalide F. Study of Orthogonal Protecting Groups. Journal of Organic Chemistry, 2006, 71, 7196-7204.	3.2	27
179	A fast and robust 19F NMR-based method for finding new HIV-1 protease inhibitors. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2677-2681.	2.2	27
180	Novel Peptidyl Aryl Vinyl Sulfones as Highly Potent and Selective Inhibitors of Cathepsinsâ€...L and B. ChemMedChem, 2010, 5, 1556-1567.	3.2	27

#	Article	IF	Citations
181	Solid-phase synthesis of second-generation polyproline dendrimers. Biopolymers, 2004, 76, 283-297.	2.4	26
182	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.	3.2	26
183	Electrostatic Binding and Hydrophobic Collapse of Peptideâ€“Nucleic Acid Aggregates Quantified Using Force Spectroscopy. ACS Nano, 2013, 7, 5102-5113.	14.6	26
184	Delivering wasp venom for cancer therapy. Journal of Controlled Release, 2014, 182, 13-21.	9.9	26
185	Immunosilencing peptides by stereochemical inversion and sequence reversal: retro-D-peptides. Scientific Reports, 2018, 8, 6446.	3.3	26
186	Convergent solid phase peptide synthesis-III. Tetrahedron, 1986, 42, 691-698.	1.9	25
187	Gel-phase 31P-NMR. A new analytical tool to evaluate solid phase oligonucleoside synthesis.. Bioorganic and Medicinal Chemistry Letters, 1993, 3, 2793-2796.	2.2	25
188	Structural limitations to antigenic mimicry achievable with retroinverso (all-D-retro) peptides. Trends in Biotechnology, 1996, 14, 44-45.	9.3	25
189	Surface plasmon resonance screening of synthetic peptides mimicking the immunodominant region of C-S8c1 foot-and-mouth disease virus. Vaccine, 1999, 18, 362-370.	3.8	25
190	Kahalalide B. Synthesis of a natural cyclodepsipeptide. Tetrahedron Letters, 2000, 41, 9765-9769.	1.4	25
191	Antibacterial evaluation of a collection of norfloxacin and ciprofloxacin derivatives against multiresistant bacteria. International Journal of Antimicrobial Agents, 2006, 28, 19-24.	2.5	25
192	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.	7.1	25
193	NMR Studies of Proteinâ€“Ligand Interactions. Methods in Molecular Biology, 2012, 831, 233-259.	0.9	25
194	Toward a Novel Drug To Target the EGFâ€“EGFR Interaction: Design of Metabolically Stable Bicyclic Peptides. ChemBioChem, 2018, 19, 76-84.	2.6	25
195	Polysytyrene-supported synthesis by the phosphite triester approach: An alternative for the large scale synthesis of small oligodeoxyribonucleotides.. Tetrahedron Letters, 1990, 31, 6231-6234.	1.4	24
196	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
197	Solid phase-mediated cyclization of head-to-tail peptides: Problems associated with side chain anchoring. Tetrahedron Letters, 1996, 37, 4229-4232.	1.4	24
198	Synthesis and NMR Structure of P41icf, a Potent Inhibitor of Human Cathepsin L. Journal of the American Chemical Society, 2003, 125, 1508-1517.	13.7	24

#	Article	IF	Citations
199	Recent patents of dipeptidyl peptidase IV inhibitors. Expert Opinion on Therapeutic Patents, 2011, 21, 1693-1741.	5.0	24
200	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.	3.0	24
201	Update of Peptides with Antibacterial Activity. Current Medicinal Chemistry, 2012, 19, 6188-6198.	2.4	24
202	(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
203	Direct single-step surface plasmon resonance analysis of interactions between small peptides and immobilized monoclonal antibodies. Journal of Immunological Methods, 2000, 235, 101-111.	1.4	23
204	Bicyclic Homodetic Peptide Libraries:â€‰ Comparison of Synthetic Strategies for Their Solid-Phase Synthesis. ACS Combinatorial Science, 2003, 5, 760-768.	3.3	23
205	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.	3.2	23
206	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.	4.4	23
207	Preparation ofde NovoGlobular Proteins Based on Proline Dendrimers. Journal of Organic Chemistry, 2005, 70, 6274-6281.	3.2	23
208	Convergent solidâ€phase peptide synthesis. International Journal of Peptide and Protein Research, 1991, 37, 58-60.	0.1	23
209	Activityâ€Based Probes for Monitoring Postproline Protease Activity. ChemBioChem, 2009, 10, 2361-2366.	2.6	23
210	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.	2.6	23
211	Direct-reversible binding of small molecules to G protein Î²Î³ subunits. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1210-1218.	2.3	23
212	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.	2.4	23
213	Peptide Mediated Brain Delivery of Nano- and Submicroparticles: A Synergistic Approach. Current Pharmaceutical Design, 2018, 24, 1366-1376.	1.9	23
214	Structural, kinetic and cytotoxicity aspects of 12-28 ?-amyloid protein fragment: a reappraisal. Journal of Peptide Science, 2002, 8, 578-588.	1.4	22
215	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.	6.4	22
216	Total Solid-Phase Synthesis of Marine Cyclodepsipeptide IB-01212. Journal of Organic Chemistry, 2006, 71, 3339-3344.	3.2	22

#	Article	IF	Citations
217	Knitting and untying the protein network: Modulation of protein ensembles as a therapeutic strategy. Protein Science, 2009, 18, 481-493.	7.6	22
218	Convergent solid phase peptide synthesis. VII. Good yields in the coupling of protected segments on a solid support. Tetrahedron, 1989, 45, 4637-4648.	1.9	21
219	Solid-phase-mediated peptide heterodisulfide formation. Journal of the American Chemical Society, 1990, 112, 5345-5347.	13.7	21
220	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.	6.4	21
221	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.	2.1	21
222	One-pot full peptide deprotection in Fmoc-based solid-phase peptide synthesis: methionine sulfoxide reduction with Bu4NBr. Tetrahedron Letters, 2001, 42, 1891-1893.	1.4	21
223	Tentoxin as a Scaffold for Drug Discovery. Total Solid-Phase Synthesis of Tentoxin and a Library of Analogues. Organic Letters, 2003, 5, 2115-2118.	4.6	21
224	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.	3.2	21
225	â€˜Ã€ la Carteâ€™ Peptide Shuttles: Tools to Increase Their Passage across the Bloodâ€“Brain Barrier. ChemMedChem, 2014, 9, 1594-1601.	3.2	21
226	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.	1.9	20
227	The use of the Nbb-resin for the solid-phase synthesis of peptide alkylesters and alkylamides. Synthesis of leuprolide. Tetrahedron, 1997, 53, 3179-3194.	1.9	20
228	Functional Mimicry of a Discontinuous Antigenic Site by a Designed Synthetic Peptide. ChemBioChem, 2002, 3, 175-182.	2.6	20
229	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.	1.9	20
230	Benzimidazolium Salts as Small, Nonpeptidic and BBBâ€Permeable Human Prolyl Oligopeptidase Inhibitors. ChemMedChem, 2008, 3, 1558-1565.	3.2	20
231	Metabolic Cleavage and Translocation Efficiency of Selected Cell Penetrating Peptides: A Comparative Study with Epithelial Cell Cultures. AAPS Journal, 2008, 10, 349-359.	4.4	20
232	Trishomocubane Amino Acid as a Î²â€turn scaffold. Chemical Biology and Drug Design, 2008, 71, 125-130.	3.2	20
233	Unveiling Prolyl Oligopeptidase Ligand Migration by Comprehensive Computational Techniques. Biophysical Journal, 2015, 108, 116-125.	0.5	20
234	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.	6.0	20

#	Article	IF	Citations
235	The prolyl oligopeptidase inhibitor IPR19 ameliorates cognitive deficits in mouse models of schizophrenia. European Neuropsychopharmacology, 2017, 27, 180-191.	0.7	20
236	Diurnal rhythm of rat liver cytosolic 3-hydroxy-3-methylglutaryl-CoA synthase. Biochemical Journal, 1991, 280, 61-64.	3.7	19
237	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.	4.1	19
238	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.	1.4	19
239	Efficient Preparation of ProlineN-Carboxyanhydride Using Polymer-Supported Bases. Organic Letters, 2006, 8, 5385-5388.	4.6	19
240	Staple Motifs, Initial Steps in the Formation of Thiolate-Protected Gold Nanoparticles: How Do They Form?. Inorganic Chemistry, 2012, 51, 11422-11429.	4.0	19
241	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.	5.5	19
242	A new quinoxaline-containing peptide induces apoptosis in cancer cells by autophagy modulation. Chemical Science, 2015, 6, 4537-4549.	7.4	19
243	Peptides Targeting EGF Block the EGFâ€“EGFR Interaction. ChemBioChem, 2016, 17, 702-711.	2.6	19
244	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.	1.4	18
245	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.	1.4	18
246	Inhibitory Effect of Verbascoside Isolated from Buddleja brasiliensis Jacq. ex Spreng on Prolyl Oligopeptidase Activity. Phytotherapy Research, 2012, 26, 1472-1475.	5.8	18
247	From venoms to BBB-shuttles. MiniCTX3: a molecular vector derived from scorpion venom. Chemical Communications, 2018, 54, 12738-12741.	4.1	18
248	Blocking EGFR Activation with Antiâ€EGF Nanobodies via Two Distinct Molecular Recognition Mechanisms. Angewandte Chemie - International Edition, 2018, 57, 13843-13847.	13.8	18
249	Amphiphilic Polymeric Nanoparticles Modified with a Retro-Enantio Peptide Shuttle Target the Brain of Mice. Chemistry of Materials, 2020, 32, 7679-7693.	6.7	18
250	Convergent solid phase peptide synthesis IV.. Tetrahedron, 1986, 42, 6703-6711.	1.9	17
251	Use of polar picolyl protecting groups in peptide synthesis. Journal of Organic Chemistry, 1988, 53, 5386-5389.	3.2	17
252	Cyclic disulfide model of the major antigenic site of serotype-C foot-and-mouth disease virus. FEBS Letters, 1993, 328, 159-164.	2.8	17

#	Article	IF	Citations
253	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.	13.7	17
254	3-Amino-2-piperidones as constrained pseudopeptides: Preparation of a new Ser-Leu surrogate. Tetrahedron Letters, 1999, 40, 4865-4868.	1.4	17
255	Solid phase synthesis of enantiomerically pure polyhydroxyvalerolactams. Tetrahedron Letters, 2001, 42, 871-873.	1.4	17
256	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.	1.4	17
257	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
258	Explicit Treatment of Water Molecules in Protein-Ligand Docking. Current Computer-Aided Drug Design, 2009, 5, 145-154.	1.2	17
259	A new side opening on prolyl oligopeptidase revealed by electron microscopy. FEBS Letters, 2009, 583, 3344-3348.	2.8	17
260	On the Role of Flexibility in Proteinâ€“Ligand Interactions: the Example of p53 Tetramerization Domain. Chemistry - an Asian Journal, 2011, 6, 1463-1469.	3.3	17
261	Selenomethionine Incorporation into Amyloid Sequences Regulates Fibrillogenesis and Toxicity. PLoS ONE, 2011, 6, e27999.	2.5	17
262	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.	1.9	16
263	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.	1.1	16
264	Conformational Analysis of Dehydrodidemnin B (Aplidine) by NMR Spectroscopy and Molecular Mechanics/Dynamics Calculations. Journal of Organic Chemistry, 2001, 66, 4580-4584.	3.2	16
265	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.	1.4	16
266	The GAGA Protein of Drosophila is Phosphorylated by CK2. Journal of Molecular Biology, 2005, 351, 562-572.	4.2	16
267	Synthetic Ligands Able to Interact with the P53 Tetramerization Domain. Towards Understanding a Protein Surface Recognition Event. ChemBioChem, 2006, 7, 1105-1113.	2.6	16
268	Applications and future of ion mobility mass spectrometry in structural biology. New Journal of Chemistry, 2013, 37, 1283.	2.8	16
269	An optimized method for 15N R1 relaxation rate measurements in non-deuterated proteins. Journal of Biomolecular NMR, 2015, 62, 209-220.	2.8	16
270	13C Dynamic Nmr Studies on Restricted Rotation about C-N Bond in 2-Aryl-1-formyl-4-piperidones. Heterocycles, 1989, 29, 2185.	0.7	16

#	Article	IF	Citations
271	Determination of rotational barriers of carbonï£¿carbon bonds in 2â€arylpiperidines. Journal of Heterocyclic Chemistry, 1984, 21, 715-720.	2.6	15
272	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.	1.9	15
273	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.	1.9	15
274	S-2-(2,4-dinitrophenyl)ethyl–cysteine: a new derivative for solid-phase peptide synthesis. Tetrahedron Letters, 1992, 33, 2391-2394.	1.4	15
275	A New Method for the Preparation of Unprotected Peptides on Biocompatible Resins with Application in Combinatorial Chemistryâ€. Organic Letters, 2002, 4, 3831-3833.	4.6	15
276	Branched Poly(proline) Peptides: An Efficient New Approach to the Synthesis of Repetitive Branched Peptides. European Journal of Organic Chemistry, 2002, 2002, 1756-1762.	2.4	15
277	Saturated resins or stress of the resin. Tetrahedron Letters, 2003, 44, 1751-1754.	1.4	15
278	Racemization in Suzuki Couplings: A Quantitative Study Using 4-Hydroxyphenylglycine and Tyrosine Derivatives as Probe Molecules. Journal of Organic Chemistry, 2007, 72, 1047-1050.	3.2	15
279	Evolutionary computation and multimodal search: A good combination to tackle molecular diversity in the field of peptide design. Molecular Diversity, 2007, 11, 7-21.	3.9	15
280	Simultaneous ¹⁹F NMR Screening of Prolyl Oligopeptidase and Dipeptidyl Peptidase IV Inhibitors. ChemBioChem, 2010, 11, 1115-1119.	2.6	15
281	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.	1.4	15
282	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.	5.0	15
283	Computer-Aided Design of Fragment Mixtures for NMR-Based Screening. PLoS ONE, 2013, 8, e58571.	2.5	15
284	The Use of Nbb Resin in Cyclic Dipeptide ("Diketopiperazine") Synthesis. Synthesis, 1985, 1985, 181-184.	2.3	14
285	Polymer bound pyrrole compounds- II. Tetrahedron, 1987, 43, 2593-2608.	1.9	14
286	Arenesulphonyltriazolides as condensing reagents in solid phasepeptide synthesis. Tetrahedron Letters, 1990, 31, 1915-1918.	1.4	14
287	Conformationally Restricted Analogues of Tryptophan: Synthesis of Chiral 3-Amino-4-indolyl-2-piperidones. Synthetic Communications, 1996, 26, 3029-3059.	2.1	14
288	Proteomic analysis of prodigiosin-induced apoptosis in a breast cancer mitoxantrone-resistant (MCF-7) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.6	14

#	Article	IF	Citations
289	Cyclic Dipeptide Shuttles as a Novel Skin Penetration Enhancement Approach: Preliminary Evaluation with Diclofenac. PLoS ONE, 2016, 11, e0160973.	2.5	14
290	Activeâ€Siteâ€Directed Inhibitors of Prolyl Oligopeptidase Abolish Its Conformational Dynamics. ChemBioChem, 2016, 17, 913-917.	2.6	14
291	Just passing through. Nature Chemistry, 2017, 9, 727-728.	13.6	14
292	Algorithm-supported, mass and sequence diversity-oriented random peptide library design. Journal of Cheminformatics, 2019, 11, 25.	6.1	14
293	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.	7.4	14
294	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.	5.4	14
295	Intracellular Fate of Peptide-Mediated Delivered Cargoes. Current Pharmaceutical Design, 2013, 19, 2924-2942.	1.9	14
296	Fast atom bombardment mass spectrometry of protected peptide segments. Biomedical & Environmental Mass Spectrometry, 1988, 15, 681-684.	1.6	13
297	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.	1.9	13
298	Unequivocal synthesis and characterization of a parallel and an antiparallel bis-cystine peptide. Journal of Organic Chemistry, 1993, 58, 6319-6328.	3.2	13
299	Synthesis of 3-Amino-4-indolyl-2-piperidones: Tryptophan-derived Pseudodipeptides. Heterocycles, 1996, 43, 513.	0.7	13
300	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.	7.5	13
301	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.	1.4	13
302	An efficient method for the solid-phase synthesis of fluorescently labelled peptides. Tetrahedron Letters, 2004, 45, 6079-6081.	1.4	13
303	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.	2.2	13
304	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.	3.0	13
305	Electrochemical Investigation of Cellular Uptake of Quantum Dots Decorated with a Proline-Rich Cell Penetrating Peptide. Bioconjugate Chemistry, 2011, 22, 180-185.	3.6	13
306	Template-Assisted Lateral Growth of Amyloid-Î²42 Fibrils Studied by Differential Labeling with Gold Nanoparticles. Bioconjugate Chemistry, 2012, 23, 27-32.	3.6	13

#	Article	IF	Citations
307	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.	2.6	13
308	Brain metastasis models: What should we aim to achieve better treatments?. Advanced Drug Delivery Reviews, 2021, 169, 79-99.	13.7	13
309	Î±-(Phenylacetamido)benzylpolystyrene (pab-resin). Tetrahedron, 1981, 37, 2007-2010.	1.9	12
310	Conformational analysis of 2,3-dialkoxy-1,4-dioxanes. Tetrahedron, 1983, 39, 3959-3963.	1.9	12
311	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
312	The relevance of imidazole tautomerism for the hormonal activity of histidine-containing peptides. Bioorganic Chemistry, 1986, 14, 405-416.	4.1	12
313	Conformational analysis of the repeated sequence of glutelin-2, a maize storage protein. Magnetic Resonance in Chemistry, 1987, 25, 402-406.	1.9	12
314	Synthesis of aspartimide-free protected peptides on base-labile functionalized resins. Tetrahedron Letters, 2000, 41, 8093-8096.	1.4	12
315	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.	3.2	12
316	Evolutionary algorithms and de novo peptide design. Soft Computing, 2006, 10, 295-304.	3.6	12
317	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.	2.6	12
318	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.	4.1	12
319	Bromotryptophans and their incorporation in cyclic and bicyclic privileged peptides. Biopolymers, 2018, 109, e23112.	2.4	12
320	Oligoarginine Peptide Conjugated to BSA Improves Cell Penetration of Gold Nanorods and Nanoprisms for Biomedical Applications. Pharmaceutics, 2021, 13, 1204.	4.5	12
321	A new approach to the solid-phase peptide synthesis of peptide alkyl-amides and esters. Tetrahedron Letters, 1992, 33, 2183-2186.	1.4	11
322	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.	2.6	11
323	Cyclization of a large disulfide peptide in the solid phase. Tetrahedron Letters, 1995, 36, 1137-1140.	1.4	11
324	Antigenicity modulation upon peptide cyclization: application to the GH loop of foot-and-mouth disease virus strain C1-Barcelona. Vaccine, 2001, 19, 3459-3466.	3.8	11

#	Article	IF	Citations
325	Solid-Phase Synthesis of Peptides Containing Î±,Î²-Didehydroamino Acids. European Journal of Organic Chemistry, 2001, 2001, 45-48.	2.4	11
326	The fuc1 gene product (20 kDa FUC1) of Pisum sativum has no alpha-L-fucosidase activity. Plant Molecular Biology, 2003, 51, 877-884.	3.9	11
327	Microwaveâ€Assisted Solventâ€Free Regiospecific Synthesis of 5â€Alkylidene and 5â€Arylidenehydantoins. Synthetic Communications, 2006, 36, 1575-1584.	2.1	11
328	Design and Synthesis of FAJANU: a de NovoC₂Symmetric Cyclopeptide Family. Journal of Medicinal Chemistry, 2008, 51, 3194-3202.	6.4	11
329	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
330	An Intramolecular Oâ†’N Migration Reaction on Gold Surfaces: Toward the Preparation of Well-Defined Amyloid Surfaces. ACS Nano, 2009, 3, 3091-3097.	14.6	11
331	Peptide POP inhibitors for the treatment of the cognitive symptoms of schizophrenia. Future Medicinal Chemistry, 2013, 5, 1509-1523.	2.3	11
332	<scp>d</scp>â€Polyarginine Lipopeptides as Intestinal Permeation Enhancers. ChemMedChem, 2018, 13, 2045-2052.	3.2	11
333	Update of peptides with antibacterial activity. Current Medicinal Chemistry, 2012, 19, 6188-98.	2.4	11
334	A betamimetic drug and human fetal lung maturation. European Journal of Obstetrics, Gynecology and Reproductive Biology, 1979, 9, 261-263.	1.1	10
335	Solid phase synthesis of tyrosine-containing histone fragments. Tetrahedron, 1983, 39, 3185-3188.	1.9	10
336	A synthetic strategy for simultaneous purification-conjugation of antigenic peptides. Analytical Biochemistry, 1989, 181, 389-395.	2.4	10
337	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.	3.2	10
338	Conformational analysis of two cyclic disulfide peptides. Biopolymers, 1991, 31, 835-843.	2.4	10
339	Determination of the enantiomeric purity of synthetic peptides by gas chromatographyâ€"mass spectrometry. Biomedical Applications, 1991, 562, 447-458.	1.7	10
340	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.	3.5	10
341	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
342	Synthetic studies on threonines. The preparation of protected derivatives of d-allo- and l-allo-threonine for peptide synthesis. Tetrahedron, 1997, 53, 3369-3382.	1.9	10

#	Article	IF	Citations
343	Novel charged [14]azolophanes: associative behaviour revealed by electrospray ionization. , 2000, 14, 1014-1016.		10
344	Rational Design of a Selective Covalent Modifier of G Protein Î²Î³ Subunits. Molecular Pharmacology, 2011, 79, 24-33.	2.3	10
345	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.	3.2	10
346	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.	7.3	10
347	Polymer bound pyrrole compounds. Reversible anchoring of bilirubin and biliverdin to a polystyrene matrix. Tetrahedron Letters, 1984, 25, 4145-4146.	1.4	9
348	Determination of the preferred tautomeric form of 4â€nitrohistidine. Journal of Heterocyclic Chemistry, 1986, 23, 921-924.	2.6	9
349	Gly/Lys- containing peptide macrocycles: Synthesis and cyclization studies. Tetrahedron Letters, 1990, 31, 4191-4194.	1.4	9
350	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.	1.4	9
351	Solutionversus solid-phase cyclization strategies for large sidechain lactam-bridged peptides: A comparative study. Journal of Peptide Science, 1995, 1, 241-250.	1.4	9
352	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
353	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.	7.6	9
354	Conformational analysis of a potent SSTR3-selective somatostatin analogue by NMR in water solution. Journal of Peptide Science, 2006, 12, 82-91.	1.4	9
355	Rational Dissection of Binding Surfaces for Mimicking of Discontinuous Antigenic Sites. Chemistry and Biology, 2006, 13, 815-823.	6.0	9
356	Redesign of Protein Domains Using One-Bead-One-Compound Combinatorial Chemistry. Journal of the American Chemical Society, 2007, 129, 14922-14932.	13.7	9
357	Bike peptides: a ride through the membrane. Journal of Peptide Science, 2017, 23, 294-302.	1.4	9
358	Conformational analysis of bacitracin A, a naturally occurring lariat. Biopolymers, 1991, 31, 605-612.	2.4	8
359	Analysis of the conformational preferences of (4R,5R)-4,5-bis(alkylcarbamoyl)-1,3-dioxolanes. Tetrahedron, 1996, 52, 8275-8286.	1.9	8
360	Disulfide Bonded Cyclic Peptide Dimers and Trimers: An Easy Entry to High Symmetry Peptide Frameworks. Synlett, 2000, 2000, 172-181.	1.8	8

#	Article	IF	Citations
361	Synthetic Peptides as Functional Mimics of a Viral Discontinuous Antigenic Site. Biologicals, 2001, 29, 265-269.	1.4	8
362	Constrained Derivatives of Stylostatin 1. 1. Synthesis and Biological Evaluation as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2003, 46, 5825-5833.	6.4	8
363	Structural analysis of substance P using molecular dynamics and NMR spectroscopy. Journal of Peptide Science, 2007, 13, 728-741.	1.4	8
364	Dual system for the central nervous system targeting and bloodâ€brain barrier transport of a selective prolyl oligopeptidase inhibitor. Biopolymers, 2013, 100, 662-674.	2.4	8
365	HAI Peptide and Backbone Analogsâ€"Validation and Enhancement of Biostability and Bioactivity of BBB Shuttles. Scientific Reports, 2018, 8, 17932.	3.3	8
366	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.	3.3	8
367	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.	1.9	7
368	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.	3.2	7
369	Application of two-dimensional NMR spectroscopy to the study of the cyclic decapeptide antamanide. Magnetic Resonance in Chemistry, 1986, 24, 123-129.	1.9	7
370	Reversible protection of lysine to facilitate the purification of protected peptide segments. Tetrahedron Letters, 1992, 33, 397-400.	1.4	7
371	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
372	Location of Disulfide bonds in mature Î±-L;-fucosidase from pea. Journal of Peptide Science, 2001, 7, 305-315.	1.4	7
373	Exploration of the One-Bead One-Compound Methodology for the Design of Prolyl Oligopeptidase Substrates. PLoS ONE, 2009, 4, e6222.	2.5	7
374	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
375	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
376	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.	3.2	7
377	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.	2.4	7
378	Improved Fmocâ€based solidâ€phase synthesis of homologous peptide fragments of human and mouse prion proteins. Journal of Peptide Science, 2011, 17, 32-38.	1.4	7

#	Article	IF	Citations
379	Update of Peptides with Antibacterial Activity. Current Medicinal Chemistry, 2012, 19, 6188-6198.	2.4	7
380	Targeted Nanoswitchable Inhibitors of Proteinâ€“Protein Interactions Involved in Apoptosis. ChemMedChem, 2018, 14, 100-106.	3.2	7
381	13C-NMR spectra of fluorinated molecules using 19F-13C polarization transfer. Tetrahedron Letters, 1985, 26, 2817-2820.	1.4	6
382	Reversed-phase high-performance liquid chromatography of protected peptide segments. Journal of Chromatography A, 1987, 409, 281-290.	3.7	6
383	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
384	Determination of interchain NOEs in symmetrical dimer peptides. Journal of the American Chemical Society, 1991, 113, 5049-5050.	13.7	6
385	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
386	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.	13.7	6
387	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.	2.2	6
388	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.	2.8	6
389	Old and New Strategies for the Discovery of Antibacterial Agents. Anti-Infective Agents in Medicinal Chemistry, 2005, 4, 337-353.	0.9	6
390	Using peptidyl aldehydes in activity-based proteomics. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3752-3755.	2.2	6
391	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.	1.6	6
392	Enthalpyâ€•versus Entropyâ€Ðriven Molecular Recognition in the Era of Biologics. ChemBioChem, 2019, 20, 2981-2986.	2.6	6
393	Bottom-Up Design Approach for OBOC Peptide Libraries. Molecules, 2020, 25, 3316.	3.8	6
394	The Combined Use of Gold Nanoparticles and Infrared Radiation Enables Cytosolic Protein Delivery. Chemistry - A European Journal, 2021, 27, 4670-4675.	3.3	6
395	Cell-Penetrating Proline-Rich Peptidomimetics. Methods in Molecular Biology, 2007, 386, 241-267.	0.9	6
396	Trimeric heptad repeat synthetic peptides HR1 and HR2 efficiently inhibit HIV-1 entry. Bioscience Reports, 2019, 39, .	2.4	6

#	Article	IF	Citations
397	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
398	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.	1.4	5
399	Simple methods for the preparation of protected derivatives of and. Tetrahedron Letters, 1997, 38, 299-302.	1.4	5
400	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.	1.4	5
401	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.	1.4	5
402	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.	3.3	5
403	Probing the Kinetic and Thermodynamic Fingerprints of Anti-EGF Nanobodies by Surface Plasmon Resonance. Pharmaceuticals, 2020, 13, 134.	3.8	5
404	Adrenergic Modulation With Photochromic Ligands. Angewandte Chemie, 2021, 133, 3669-3675.	2.0	5
405	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.	2.6	4
406	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.	1.4	4
407	Conformational basis of N-glycosylation of proteins: conformational analysis of Ac-Asn-Ala-Thr-NH2. International Journal of Biological Macromolecules, 1983, 5, 279-282.	7.5	4
408	Title is missing!. International Journal of Peptide Research and Therapeutics, 1999, 6, 109-115.	0.1	4
409	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
410	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.	3.7	4
411	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.	1.1	4
412	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.	13.7	4
413	The Therapeutic Potential of Migrastatin-Core Analogs for the Treatment of Metastatic Cancer. Molecules, 2017, 22, 198.	3.8	4
414	A proton magnetic resonance study of isomeric alkylidencyanoesters. Magnetic Resonance in Chemistry, 1975, 7, 585-587.	0.7	3

#	Article	IF	Citations
415	Acid-base properties of 4-nitro-l-histidine and related compounds. Bioorganic Chemistry, 1979, 8, 59-67.	4.1	3
416	Steady-state dqf-cosy spectra using a variable relaxation delay. Journal of Magnetic Resonance, 1988, 78, 314-320.	0.5	3
417	Kinetic analyis of the carboxypeptidase a hydrolysis of oligopeptides by reversed-phase high-performance liquid chromatography. Journal of Chromatography A, 1989, 479, 27-37.	3.7	3
418	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
419	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
420	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
421	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.	1.9	3
422	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.	1.1	3
423	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
424	In Vitro Evaluation of Caffeoyl and Cinnamoyl Derivatives as Potential Prolyl Oligopeptidase Inhibitors. Planta Medica, 2013, 79, 1531-1535.	1.3	3
425	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.	1.9	3
426	Photoswitchable dynasore analogs to control endocytosis with light. Chemical Science, 2020, 11, 8981-8988.	7.4	3
427	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.	1.6	3
428	Chemical Composition and Inhibitory Effects of Hypericum brasiliense and H. connatum on Prolyl Oligopeptidase and Acetylcholinesterase Activities. Medicinal Chemistry, 2016, 12, 457-463.	1.5	3
429	NPE-resin, a new approach to the solid-phase synthesis of protected peptides and oligonucleotides. , 1991, , 134-136.		3
430	Convergent solid-phase peptide synthesis IX: application to the synthesis of peptides with repetitive sequences. Peptide Research, 1992, 5, 62-71.	0.2	3
431	Use of histidine pKa changes to study peptide-DNA interactions. Bioorganic Chemistry, 1985, 13, 171-178.	4.1	2
432	Molecular dynamics study of kaliotoxin in water. International Journal of Biological Macromolecules, 1999, 24, 1-9.	7.5	2

#	Article	IF	Citations
433	Desymmetrization of the Tetrahedron: Stereogenic Centers. Journal of Chemical Education, 2003, 80, 1178.	2.3	2
434	Stereogenic Centers and Axes: A Comparison of the Chiral Topologies Available to Cabcd and abC=C=Ccd. Journal of Chemical Education, 2005, 82, 1031.	2.3	2
435	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.	1.9	2
436	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.	2.8	2
437	Synthesis of an Orthogonally Protected Polyhydroxylated Cyclopentene from <scp>l</scp>â€Sorbose. Chemistry - an Asian Journal, 2016, 11, 2035-2040.	3.3	2
438	Blocking EGFR Activation with Antiâ€EGF Nanobodies via Two Distinct Molecular Recognition Mechanisms. Angewandte Chemie, 2018, 130, 14039-14043.	2.0	2
439	Computer-Aided Peptide Evolution for Virtual Drug Design. Lecture Notes in Computer Science, 2004, , 321-332.	1.3	2
440	Recent results in convergent solid-phase peptide synthesis. , 1991, , 146-148.		2
441	Synthetic and immunological studies of protein p12 from African swine fever virus. , 1992, , 719-720.		2
442	Protein Surface Recognition. , 1999, , 267-280.		2
443	Efficient Synthesis of Norbuprenorphines Coupled with Enkephalins and Investigation of Their Permeability. Iranian Journal of Pharmaceutical Research, 2019, 18, 1277-1287.	0.5	2
444	Proteomic tools for the quantitative analysis of artificial peptide libraries: detection and characterization of targetâ€amplified PDâ€1 inhibitors.. ChemBioChem, 2022, , .	2.6	2
445	Chromatographic determination of 4-nitro-l-histidine. Journal of Chromatography A, 1978, 151, 228-231.	3.7	1
446	Peptides in molecular recognition: synthetic and conformational aspects. Biochemical Society Transactions, 1994, 22, 1045-1048.	3.4	1
447	Title is missing!. International Journal of Peptide Research and Therapeutics, 1997, 4, 29-39.	0.1	1
448	Convergent solid-phase peptide synthesis. , 1992, , 607-608.		1
449	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.	2.6	0
450	Synthesis and ion-binding properties of an immobilized bis-cysteine peptide. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 281-284.	2.2	0

#	Article	IF	Citations
451	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
452	Title is missing!. International Journal of Peptide Research and Therapeutics, 1999, 6, 165-172.	0.1	0
453	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.	1.9	0
454	NMR-Based Methods and Strategies for Drug Discovery. ChemInform, 2004, 35, no.	0.0	0
455	Arylboronic Acids and Arylpinacolboronate Esters in Suzuki Coupling Reactions Involving Indoles. Partner Role Swapping and Heterocycle Protection.. ChemInform, 2005, 36, no.	0.0	0
456	Peptide and Amide Bond Containing Dendrimers. ChemInform, 2005, 36, no.	0.0	0
457	New Nomenclature for Complex Cyclopeptides. , 2006, , 142-143.		0
458	The Guanidinium Group: A Key Player in Molecular Recognition. , 2006, , 649-650.		0
459	Case Study: Inhibitors of the MDM2â€p53 Proteinâ€“Protein Interaction. , 2010, , 273-293.		0
460	Case Study: The Discovery of Potent LFAâ€1 Antagonists. , 2010, , 295-314.		0
461	Inorganic nanoparticles and the immune system: detection, selective activation and tolerance. , 2012, , .		0
462	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.	2.0	0
463	Josef Rudinger Memorial Lecture: Use of peptides to modulate protein-protein interactions. Journal of Peptide Science, 2015, 21, 447-453.	1.4	0
464	â€˜Ã€ La Carteâ€™ Cyclic Hexapeptides: Fine Tuning Conformational Diversity while Preserving the Peptide Scaffold.. ChemistrySelect, 2018, 3, 2343-2351.	1.5	0
465	Proline: A Key Building Block in â€œde novoâ€•Designed Peptide Molecules. , 2001, , 432-434.		0
466	A Discontinuous Antigenic Site Is Functionally Reproduced by Synthetic Peptide Constructions. , 2001, , 1018-1020.		0
467	Chapter 7.2. Drug Delivery Strategies: BBBâ€“Shuttles. RSC Drug Discovery Series, 2012, , 364-391.	0.3	0
468	Synthetic approaches to double disulfide-containing peptides. , 1991, , 238-240.		0

#	Article	IF	Citations
469	Synthesis of heterodetic bicyclic Gly/Lys-containing octa- and nonapeptides. , 1991, , 223-224.		0
470	Synthetic peptides as probes to study the antigenic variability of foot-and-mouth disease virus. , 1991, , 864-866.		0
471	RNA binding characteristics of a 16 kDa glycine-rich protein from maize. Plant Journal, 1992, 2, 999-1003.	5.7	0
472	2-Aminofluorene as a useful compound in convergent solid phase peptide synthesis. , 1993, , 288-289.		0
473	Molecular Evolution of Aphthoviruses. , 1996, , 125-135.		0
474	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
475	Peptides and molecular recognition: head-to-tail self-assembly, formation of amphipathic surfaces and recognition of anionic superhelices. , 1999, , 351-356.		0
476	Self-assembly of synthetic peptides: Formation of amphipathic surfaces and head-to-tail self-assembly. , 2002, , 316-317.		0
477	Disulfide Bond Based Self-Assembly of Peptides Leading To Spheroidal Cyclic Trimers. , 2002, , 243-256.		0