Claudio Toniolo

List of Publications by Year in descending order

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Version: 2024-02-01

531	16,212	22548	40945
papers	citations	61 h-index	97 g-index

556	556	556	8176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peptide Self-Assembled Nanostructures: From Models to Therapeutic Peptides. Nanomaterials, 2022, 12, 466.	1.9	14
2	Is Cys(MTSL) the Best Î±-Amino Acid Residue to Electron Spin Labeling of Synthetically Accessible Peptide Molecules with Nitroxides?. ACS Omega, 2022, 7, 5154-5165.	1.6	2
3	Probing the E/K Peptide Coiled-Coil Assembly by Double Electronâ€“Electron Resonance and Circular Dichroism. Biochemistry, 2021, 60, 19-30.	1.2	4
4	C^{Î±}-Methyl-<scp>l</scp>-valine: A Preferential Choice over Î±-Aminoisobutyric Acid for Designing Right-Handed Î±-Helical Scaffolds. Biochemistry, 2021, 60, 2704-2714.	1.2	1
5	Influence of the Câ€terminal substituent on the crystalâ€state conformation of Adm peptides. Peptide Science, 2020, 112, e24121.	1.0	1
6	Effect on the Conformation of a Terminally Blocked, (E) Î²,Î³-Unsaturated Î´-Amino Acid Residue Induced by Carbon Methylation. Journal of Organic Chemistry, 2020, 85, 1513-1524.	1.7	4
7	Insights into the Distance Dependence of Electron Transfer through Conformationally Constrained Peptides. ChemElectroChem, 2020, 7, 1225-1237.	1.7	8
8	Peptide Engineering Meetings (PEMs): Evolution from PEM6 to PEM8. Peptide Science, 2020, 112, e24131.	1.0	0
9	From Amherst (Massachusetts, USA) to Padua (Italy) and back again: Louis A. Carpino's scientifically productive journey. Peptide Science, 2020, 112, e24153.	1.0	0
10	Controlling the Formation of Peptide Films: Fully Developed Helical Peptides are Required to Obtain a Homogenous Coating over a Large Area. ChemPlusChem, 2019, 84, 1688-1696.	1.3	5
11	Electron spin echo detection of stochastic molecular librations: Non-cooperative motions on solid surface. Journal of Magnetic Resonance, 2019, 309, 106621.	1.2	5
12	Trichogin GA IV Alignment and Oligomerization in Phospholipid Bilayers. ChemBioChem, 2019, 20, 2141-2150.	1.3	10
13	Isolated Î±-turn and incipient Î³-helix. Chemical Science, 2019, 10, 6908-6914.	3.7	5
14	Heterochiral Ala/(Î±Me)Aze sequential oligopeptides: S ynthesis and conformational study. Journal of Peptide Science, 2019, 25, e3165.	0.8	1
15	Peptide antibiotic trichogin in model membranes: Self-association and capture of fatty acids. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 524-531.	1.4	17
16	The fullyâ€extended conformation in peptides and proteins. Peptide Science, 2018, 110, e23100.	1.0	12
17	Alamethicin self-assembling in lipid membranes: concentration dependence from pulsed EPR of spin labels. Physical Chemistry Chemical Physics, 2018, 20, 3592-3601.	1.3	9
18	<scp>F</scp>rom selfâ€assembled peptideâ€ynes to peptide polyacetylenes and polydiacetylenes. Peptide Science, 2018, 110, e24036.	1.0	2

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19	Conformational properties, membrane interaction, and antibacterial activity of the peptaibiotic chalciporin A: Multitechnique spectroscopic and biophysical investigations on the natural compound and labeled analogs. Peptide Science, 2018, 110, e23083.	1.0	6
20	A novel peptide conformation: the Î³-bend ribbon. Organic and Biomolecular Chemistry, 2018, 16, 7947-7958.	1.5	6
21	Low-Temperature Dynamical Transition in Lipid Bilayers Detected by Spin-Label ESE Spectroscopy. Applied Magnetic Resonance, 2018, 49, 1369-1383.	0.6	8
22	Tuning the Morphology of Nanostructured Peptide Films by the Introduction of a Secondary Structure Conformational Constraint: A Case Study of Hierarchical Self-Assembly. Journal of Physical Chemistry B, 2018, 122, 6305-6313.	1.2	10
23	The several facets of Trichogin GA IV: High affinity Tb(III) binding properties. A spectroscopic and molecular dynamics simulation study. Peptide Science, 2018, 110, e24081.	1.0	5
24	The importance of being Aib. Aggregation and selfâ€assembly studies on conformationally constrained oligopeptides. Journal of Peptide Science, 2017, 23, 104-116.	0.8	18
25	En route towards the peptide Î³â€helix: Xâ€ray diffraction analyses and conformational energy calculations of Admâ€rich short peptides. Journal of Peptide Science, 2017, 23, 346-362.	0.8	8
26	Integrated Computational Approach to the Electron Paramagnetic Resonance Characterization of Rigid 3₁₀-Helical Peptides with TOAC Nitroxide Spin Labels. Journal of Physical Chemistry B, 2017, 121, 4379-4387.	1.2	4
27	Tuning morphological architectures generated through living supramolecular assembly of a helical foldamer end-capped with two complementary nucleobases. Soft Matter, 2017, 13, 4231-4240.	1.2	8
28	Synthesis of Intrinsically Blue-Colored bis-Nitronyl Nitroxide Peptidomimetic Templates and Their Conformational Preferences as Revealed by a Combined Spectroscopic Analysis. Journal of Organic Chemistry, 2017, 82, 10033-10042.	1.7	6
29	Lightâ€driven topochemical polymerization under organogel conditions of a symmetrical dipeptideâ€“diacetylene system. Journal of Peptide Science, 2017, 23, 155-161.	0.8	3
30	Intramolecular backboneÂ·Â·Â·backbone hydrogen bonds in polypeptide conformations. The other way around: É›â€turn. Biopolymers, 2017, 108, e22911.	1.2	7
31	Insights into peptideâ€membrane interactions of newly synthesized, nitroxideâ€containing analogs of the peptaibiotic trichogin <scp>GA</scp><scp>IV</scp> using <scp>EPR</scp>. Biopolymers, 2017, 108, e22913.	1.2	3
32	Innovative chemical synthesis and conformational hints on the lipopeptide liraglutide. Journal of Peptide Science, 2016, 22, 471-479.	0.8	13
33	Alamethicin Supramolecular Organization in Lipid Membranes from 19F Solid-State NMR. Biophysical Journal, 2016, 111, 2450-2459.	0.2	28
34	Review conformation, selfâ€aggregation, and membrane interaction of peptaibols as studied by pulsed electron double resonance spectroscopy. Biopolymers, 2016, 106, 6-24.	1.2	26
35	Endothioxopeptides: A conformational overview. Biopolymers, 2016, 106, 697-713.	1.2	5
36	Are Two Better Than One? A New Approach for Multidentate Grafting of Peptides to a Gold Substrate. Zeitschrift Fur Physikalische Chemie, 2016, 230, 1351-1371.	1.4	1

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37	Conformational flexibility of aspartame. Biopolymers, 2016, 106, 376-384.	1.2	6
38	Peptides on the Surface: Spin-Label EPR and PELDOR Study of Adsorption of the Antimicrobial Peptides Trichogin GA IV and Ampullosporin A on the Silica Nanoparticles. Applied Magnetic Resonance, 2016, 47, 309-320.	0.6	20
39	An EPR study of ampullosporin A, a medium-length peptaibiotic, in bicelles and vesicles. Physical Chemistry Chemical Physics, 2016, 18, 749-760.	1.3	9
40	A terminally protected dipeptide: from crystal structure and self-assembly, through co-assembly with carbon-based materials, to a ternary catalyst for reduction chemistry in water. Soft Matter, 2016, 12, 238-245.	1.2	19
41	Helical screwâ€sense preferences of peptides based on chiral, C^{Î±}â€tetrasubstituted Î±â€amino acids. Biopolymers, 2015, 104, 46-64.	1.2	72
42	4-Cyano-Î±-methyl-l-phenylalanine as a Spectroscopic Marker for the Investigation of Peptaibioticï£¿Membrane Interactions. Chemistry and Biodiversity, 2015, 12, 513-527.	1.0	9
43	Peptide Î´â€Turn: Literature Survey and Recent Progress. Chemistry - A European Journal, 2015, 21, 13866-13877.	1.7	15
44	The fluorescence and infrared absorption probe paraâ€cyanophenylalanine: Effect of labeling on the behavior of different membraneâ€interacting peptides. Biopolymers, 2015, 104, 521-532.	1.2	6
45	Single and multiple peptide Î³-turns: literature survey and recent progress. New Journal of Chemistry, 2015, 39, 3208-3216.	1.4	25
46	Handedness preference and switching of peptide helices. Part II: Helices based on noncoded Î±â€amino acids. Journal of Peptide Science, 2015, 21, 148-177.	0.8	55
47	Peptide flatlandia: a new-concept peptide for positioning of electroactive probes in proximity to a metal surface. Nanoscale, 2015, 7, 15495-15506.	2.8	15
48	Electrophysiology Investigation of Trichogin GA IV Activity in Planar Lipid Membranes Reveals Ion Channels of Wellâ€Defined Size. Chemistry and Biodiversity, 2014, 11, 1069-1077.	1.0	7
49	¹³Câ•¹⁸O/¹⁵N Isotope Dependence of the Amide-I/II 2D IR Cross Peaks for the Fully Extended Peptides. Journal of Physical Chemistry C, 2014, 118, 29448-29457.	1.5	15
50	The 2.05-helix in hetero-oligopeptides entirely composed of CÎ±,Î±-disubstituted glycines with both side chains longer than methyls. Biopolymers, 2014, 102, 145-158.	1.2	10
51	Enhancement of the helical content and stability induced in a linear oligopeptide by an i, i+4 intramolecularly double stapled, overlapping, bicyclic [31, 22, 5]â€(E)ene motif. Biopolymers, 2014, 102, 115-123.	1.2	9
52	Conformation and EPR characterization of rigid, 3₁₀â€helical peptides with TOAC spin labels: Models for short distances. Biopolymers, 2014, 102, 244-251.	1.2	7
53	Mimicking Nature: A Novel Peptideâ€based Bioâ€inspired Approach for Solar Energy Conversion. ChemPhysChem, 2014, 15, 64-68.	1.0	32
54	Handedness preference and switching of peptide helices. Part I: Helices based on protein amino acids. Journal of Peptide Science, 2014, 20, 307-322.	0.8	49

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55	A Quaternary Nitronyl Nitroxide Î±â€Amino Acid: Synthesis, Configurational and Conformational Assignments, and Physicochemical Properties. European Journal of Organic Chemistry, 2014, 2014, 1741-1752.	1.2	5
56	Synthesis and conformational properties of a TOAC doubly spinâ€labeled analog of the mediumâ€length, membrane active peptaibiotic ampullosporin a as revealed by cd, fluorescence, and EPR spectroscopies. Biopolymers, 2014, 102, 40-48.	1.2	10
57	Photoresponsive Supramolecular Architectures Based on Polypeptide Hybrids. Macromolecules, 2014, 47, 7272-7283.	2.2	13
58	A single-residue substitution inhibits fibrillization of Ala-based pentapeptides. A spectroscopic and molecular dynamics investigation. Soft Matter, 2014, 10, 2508.	1.2	20
59	Photoinduced Electron Transfer through Peptide-Based Self-Assembled Monolayers Chemisorbed on Gold Electrodes: Directing the Flow-in and Flow-out of Electrons through Peptide Helices. Journal of Physical Chemistry A, 2014, 118, 6674-6684.	1.1	19
60	Peptide Materials for Biomedicine and Nanotechnology. Journal of Peptide Science, 2014, 20, 451-452.	0.8	1
61	Aggregation propensity of Aib homoâ€peptides of different length: an insight from molecular dynamics simulations. Journal of Peptide Science, 2014, 20, 494-507.	0.8	16
62	Solution Synthesis, Conformational Analysis, and Antimicrobial Activity of Three Alamethicin F50/5 Analogs Bearing a Trifluoroacetyl Label. Chemistry and Biodiversity, 2014, 11, 1163-1191.	1.0	5
63	Interaction of hydrophobic and amphipathic antimicrobial peptides with lipid bicelles. Journal of Peptide Science, 2014, 20, 517-525.	0.8	21
64	Peptides on the Surface. PELDOR Data for Spin-Labeled Alamethicin F50/5 Analogues on Organic Sorbent. Journal of Physical Chemistry B, 2014, 118, 7085-7090.	1.2	11
65	Looking for the peptide 2.0₅â€helix: A solventâ€and mainâ€chain lengthâ€dependent conformational switch probed by electron transfer across c^{Î±,Î±}â€diethylglycine homoâ€oligomers. Biopolymers, 2013, 100, 51-63.	1.2	14
66	New bisâ€ferrocenyl endâ€capped peptides: synthesis and charge transfer properties. Biopolymers, 2013, 100, 14-24.	1.2	15
67	Allâ€Thioamidated Homoâ€Î±â€Peptides: Synthesis and Conformation. European Journal of Organic Chemistry, 2013, 2013, 3455-3463.	1.2	12
68	Spectroscopically labeled peptaibiotic analogs: the 4â€nitrophenylalanine infrared absorption probe inserted at different positions into trichogin GA IV. Journal of Peptide Science, 2013, 19, 246-256.	0.8	6
69	Spectroscopically Labeled Peptaibiotics. Synthesis and Properties of Selected Trichogin GA IV Analogs Bearing a Sideâ€Chainâ€Monofluorinated Aromatic Amino Acid for ¹⁹Fâ€NMR Analysis. Chemistry and Biodiversity, 2013, 10, 904-919.	1.0	7
70	3D Structure, Dynamics, and Activity of Synthetic Analog of the Peptaibiotic Trichodecenin I. Chemistry and Biodiversity, 2013, 10, 887-903.	1.0	7
71	Towards a Myriad of Peptaibiotics. Chemistry and Biodiversity, 2013, 10, 731-733.	1.0	22
72	Multiple, consecutive, fullyâ€extended 2.0₅â€helix peptide conformation. Biopolymers, 2013, 100, 621-636.	1.2	43

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73	Selfâ€Association of an Enantiopure Î²â€Pentapeptide in Nematic Liquid Crystals. Chemistry - A European Journal, 2013, 19, 17963-17968.	1.7	1
74	Hydrophobic Aib/Ala peptides solubilize in water through formation of supramolecular assemblies. Polymer Journal, 2013, 45, 516-522.	1.3	6
75	Photocontrolled Selfâ€Assembly of a Bisâ€Azobenzeneâ€Containing Î±â€Amino Acid. Chemistry - A European Journal, 2013, 19, 15841-15846.	1.7	9
76	Peptide-based rotaxanes and catenanes: an emerging class of supramolecular chemistry systems. Biomolecular Concepts, 2012, 3, 183-192.	1.0	3
77	2â€Aminoâ€1,2,3,6â€tetrahydroâ€6â€oxocyclopenta[c]fluoreneâ€2â€carboxylic Acid (FlAib), a Completely Rigidified, Fluorenâ€9â€oneâ€Based Î±â€Amino Acid. Helvetica Chimica Acta, 2012, 95, 2446-2459.	1.0	4
78	Trichogin GA IV: A versatile template for the synthesis of novel peptaibiotics. Organic and Biomolecular Chemistry, 2012, 10, 1285-1299.	1.5	46
79	Novel peptide foldameric motifs: a step forward in our understanding of the fully-extended conformation/310-helix coexistence. Organic and Biomolecular Chemistry, 2012, 10, 2413.	1.5	24
80	Factors Governing the Conformational Tendencies of C^{Î±}-Ethylated Î±-Amino Acids: Chirality and Side-Chain Size Effects. Journal of Physical Chemistry B, 2012, 116, 13297-13307.	1.2	8
81	The Lipid Dependence of Antimicrobial Peptide Activity Is an Unreliable Experimental Test for Different Pore Models. Biochemistry, 2012, 51, 10124-10126.	1.2	25
82	A Molecular View on the Role of Cholesterol upon Membrane Insertion, Aggregation, and Water Accessibility of the Antibiotic Lipopeptide Trichogin GA IV As Revealed by EPR. Journal of Physical Chemistry B, 2012, 116, 5653-5660.	1.2	24
83	Antimicrobial lipopeptaibol trichogin GA IV: role of the three Aib residues on conformation and bioactivity. Amino Acids, 2012, 43, 1761-1777.	1.2	29
84	Partial thioamide scan on the lipopeptaibiotic trichogin GA IV. Effects on folding and bioactivity. Beilstein Journal of Organic Chemistry, 2012, 8, 1161-1171.	1.3	10
85	Synthesis and preliminary conformational analysis of TOAC spinâ€labeled analogues of the mediumâ€length peptaibiotic tylopeptin B. Journal of Peptide Science, 2012, 18, 37-44.	0.8	10
86	A synthetic hexapeptide designed to resemble a proteinaceous pâ€loop nest is shown to bind inorganic phosphate. Proteins: Structure, Function and Bioinformatics, 2012, 80, 1418-1424.	1.5	46
87	A solvent-dependent peptide spring unraveled by 2D-NMR. Tetrahedron, 2012, 68, 4429-4433.	1.0	16
88	Looking for a Robust, Synthetic, Fullyâ€Extended (2.0₅â€Helical) Peptide Structure â€“ Effect of Terminal Groups. European Journal of Organic Chemistry, 2012, 2012, 167-174.	1.2	15
89	Isovaline in naturally occurring peptides: A nondestructive methodology for configurational assignment. Biopolymers, 2012, 98, 36-49.	1.2	21
90	Linear and Two-Dimensional Infrared Spectroscopic Study of the Amide I and II Modes in Fully Extended Peptide Chains. Journal of Physical Chemistry B, 2011, 115, 5168-5182.	1.2	49

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91	Charge Mapping in 3₁₀-Helical Peptide Chains by Oxidation of the Terminal Ferrocenyl Group. Organic Letters, 2011, 13, 1282-1285.	2.4	22
92	In Silico Interpretation of cw-ESR at 9 and 95 GHz of Mono- and bis- TOAC-Labeled Aib-Homopeptides in Fluid and Frozen Acetonitrile. Journal of Physical Chemistry B, 2011, 115, 13026-13036.	1.2	5
93	Experimental and Theoretical Spectroscopic Study of 3₁₀-Helical Peptides Using Isotopic Labeling to Evaluate Vibrational Coupling. Journal of Physical Chemistry B, 2011, 115, 6252-6264.	1.2	21
94	Chiral, fully extended helical peptides. Amino Acids, 2011, 41, 629-641.	1.2	32
95	Photocurrent generation through peptideâ€based selfâ€assembled monolayers on a gold surface: antenna and junction effects. Journal of Peptide Science, 2011, 17, 124-131.	0.8	25
96	Comparison of distance information in [TOAC¹, Glu(OMe)^{7, 18, 19}] alamethicin F50/5 from paramagnetic relaxation enhancement measurements with data obtained from an Xâ€ray diffractionâ€based model. Journal of Peptide Science, 2011, 17, 377-382.	0.8	7
97	Synthesis, preferred conformation, protease stability, and membrane activity of heptaibin, a mediumâ€length peptaibiotic. Journal of Peptide Science, 2011, 17, 585-594.	0.8	33
98	Triple Hypâ†'Pro replacement in integramide A, a peptaib inhibitor of HIVâ€1 integrase: Effect on conformation and bioactivity. Biopolymers, 2011, 96, 49-59.	1.2	3
99	Synthesis and Selfâ€Assembly of Oligo(pâ€phenylenevinylene) Peptide Conjugates in Water. Chemistry - A European Journal, 2011, 17, 2044-2047.	1.7	39
100	Bis(azobenzene)â€Based Photoswitchable, Prochiral, C^{Î±}â€Tetrasubstituted Î±â€Amino Acids for Nanomaterials Applications. Chemistry - A European Journal, 2011, 17, 12606-12611.	1.7	11
101	The critical mainâ€chain length for helix formation in water: Determined in a peptide series with alternating Aib and Ala residues exclusively and detected with ECD spectroscopy. Chirality, 2011, 23, 756-760.	1.3	22
102	Hypersensitiveâ€Like Response to the Poreâ€Former Peptaibol Alamethicin in Arabidopsis Thaliana. ChemBioChem, 2010, 11, 2042-2049.	1.3	39
103	Electronic and vibrational signatures of peptide helical structures: A tribute to Anton Mario Tamburro. Chirality, 2010, 22, E30-9.	1.3	13
104	Total Synthesis, Characterization, and Conformational Analysis of the Naturally Occurring Hexadecapeptide Integramideâ€…A and a Diastereomer. Chemistry - A European Journal, 2010, 16, 316-327.	1.7	20
105	Synthesis and Conformational Characterisation of Hexameric Î²â€Peptide Foldamers by Using Double POAC Spin Labelling and cwâ€EPR. Chemistry - A European Journal, 2010, 16, 11160-11166.	1.7	8
106	Configurational Assignment of <scp>D</scp>â€and <scp>L</scp>â€Isovalines in Intact, Natural, and Synthetic Peptides by 2Dâ€NMR Spectroscopy. Chemistry and Biodiversity, 2010, 7, 1612-1624.	1.0	11
107	Building a bridge between peptide chemistry and organic chemistry: Intramolecular macrocyclization reactions and supramolecular chemistry with helical peptide substrates. Biopolymers, 2010, 94, 721-732.	1.2	16
108	Peptide engineering meetings (PEMs): Genesis and evolution. Biopolymers, 2010, 94, iv-vi.	1.2	2

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109	Synthesis, Preferred Conformation, and Membrane Activity of Mediumâ€Length Peptaibiotics: Tylopeptin B. Chemical Biology and Drug Design, 2010, 75, 169-181.	1.5	16
110	Raman Scattering Investigation of 3[sub 10] Helical Peptides Using Isotopic Labeling. , 2010, , .		0
111	Small-Amplitude Backbone Motions of the Spin-Labeled Lipopeptide Trichogin GA IV in a Lipid Membrane As Revealed by Electron Spin Echo. Journal of Physical Chemistry B, 2010, 114, 12277-12283.	1.2	26
112	Vibrational Energy Transport through a Capping Layer of Appropriately Designed Peptide Helices over Gold Nanoparticles. Nano Letters, 2010, 10, 3057-3061.	4.5	32
113	Concerning Selectivity in the Oxidation of Peptides by Dioxiranes. Further Insight into the Effect of Carbamate Protecting Groups. Journal of Organic Chemistry, 2010, 75, 4812-4816.	1.7	26
114	Peptide Foldamers: From Spectroscopic Studies to Applications. Reviews in Fluorescence, 2010, , 405-424.	0.5	0
115	A new tool for photoaffinity labeling studies: a partially constrained, benzophenone based, Î±-amino acid. Organic and Biomolecular Chemistry, 2010, 8, 3281.	1.5	10
116	A Peptide Capping Layer over Gold Nanoparticle. , 2010, , .		0
117	Vibrational Energy Transport in Peptides and Proteins. , 2010, , .		0
118	ERNESTO SCOFFONE.. International Journal of Peptide and Protein Research, 2009, 6, 361-362.	0.1	1
119	Bioorganic stereochemistry. A study of the peptide oxazolones from Z-(Aib)n-OH (n = 2-4) in the solid state*. International Journal of Peptide and Protein Research, 2009, 22, 603-610.	0.1	19
120	Photoinduced Intramolecular Macrocyclization Reaction between a Bpa and a Met Residue in a Helical Peptide: 3D Structures of the Diastereomeric Products. Chemistry - A European Journal, 2009, 15, 67-70.	1.7	13
121	Is the Backbone Conformation of C^{Î±}â€Methyl Proline Restricted to a Single Region?. Chemistry - A European Journal, 2009, 15, 8015-8025.	1.7	36
122	Complete Absolute Configuration of Integramide A, a Natural, 16â€mer Peptide Inhibitor of HIVâ€1 Integrase, Elucidated by Total Synthesis. ChemBioChem, 2009, 10, 87-90.	1.3	10
123	Metal Binding Properties of Fluorescent Analogues of Trichogin GAâ€‰IV: A Conformational Study by Timeâ€Resolved Spectroscopy and Molecular Mechanics Investigations. ChemBioChem, 2009, 10, 91-97.	1.3	18
124	The State of the Art of Chemical Biology. ChemBioChem, 2009, 10, 16-29.	1.3	41
125	A Rigid Helical Peptide Axle for a [2]Rotaxane Molecular Machine. Angewandte Chemie - International Edition, 2009, 48, 8986-8989.	7.2	34
126	Photocurrent generation in peptide-based self-assembled monolayers on gold electrodes. Superlattices and Microstructures, 2009, 46, 34-39.	1.4	17

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127	Trichogin GA IV: an antibacterial and proteaseâ€•resistant peptide. Journal of Peptide Science, 2009, 15, 615-619.	0.8	55
128	Different mechanisms of action of antimicrobial peptides: insights from fluorescence spectroscopy experiments and molecular dynamics simulations. Journal of Peptide Science, 2009, 15, 550-558.	0.8	85
129	Editorial. Journal of Peptide Science, 2009, 15, 549-549.	0.8	0
130	Sensitivity of 2D IR Spectra to Peptide Helicity: A Concerted Experimental and Simulation Study of an Octapeptide. Journal of Physical Chemistry B, 2009, 113, 12037-12049.	1.2	41
131	Vibrational Energy Transport in Peptide Helices after Excitation of Câ˜D Modes in Leu-d₁₀. Journal of Physical Chemistry B, 2009, 113, 13393-13397.	1.2	50
132	Toward Detecting the Formation of a Single Helical Turn by 2D IR Cross Peaks between the Amide-I and -II Modes. Journal of Physical Chemistry B, 2009, 113, 11775-11786.	1.2	33
133	Structure of Self-Aggregated Alamethicin in ePC Membranes Detected by Pulsed Electron-Electron Double Resonance and Electron Spin Echo Envelope Modulation Spectroscopies. Biophysical Journal, 2009, 96, 3197-3209.	0.2	31
134	Couplings between Peptide Linkages across a 3₁₀-Helical Hydrogen Bond Revealed by Two-Dimensional Infrared Spectroscopy. Journal of the American Chemical Society, 2009, 131, 2042-2043.	6.6	49
135	Alamethicin Topology in Phospholipid Membranes by Oriented Solid-state NMR and EPR Spectroscopies: a Comparison. Journal of Physical Chemistry B, 2009, 113, 3034-3042.	1.2	39
136	Dynamical Transition in a Small Helical Peptide and Its Implication for Vibrational Energy Transport. Journal of Physical Chemistry B, 2009, 113, 13405-13409.	1.2	46
137	Antimicrobial Peptides Chelating Lanthanide Ions: the Case of Trichogin GA IV Analogues and Terbium(III). Advances in Experimental Medicine and Biology, 2009, 611, 43-44.	0.8	1
138	Spectroscopic Characterization of the Fully-Extended, Planar, Peptide 2.05-Helix Based on Chiral, CÎ± -Ethylated, Î±-Amino Acids. Advances in Experimental Medicine and Biology, 2009, 611, 45-46.	0.8	1
139	Synthesis and Conformational Studies of Novel, Side-Chain Protected, L-(aMe)Ser Homo-Peptides. Advances in Experimental Medicine and Biology, 2009, 611, 63-64.	0.8	1
140	First Homo-Peptides Undergoing a Reversible 310-Helix to Î±-Helix ransition. Advances in Experimental Medicine and Biology, 2009, , 49-50.	0.8	0
141	Photoinduced Intramolecular Covalent Bond Formation in Structurally Rigid -Bpa-(spacer)-Met Hexapeptides. Advances in Experimental Medicine and Biology, 2009, 611, 449-450.	0.8	0
142	Monitoring Peptide Folding by Time-Resolved Spectroscopies: the Effect of a Single Gly to Aib Susbtitution. Advances in Experimental Medicine and Biology, 2009, 611, 47-48.	0.8	0
143	Chain Length Dependence of Two-Dimensional Infrared Spectral Pattern Characteristic to 310-Helix Peptides. Springer Series in Chemical Physics, 2009, , 415-417.	0.2	0
144	The â€œBip Methodâ€•for Spectroscopic Assignment of the Absolute Configuration of the Spin-Labelled, Cyclic Î²2,3-Amino Acids Î²-TOAC and POAC. Advances in Experimental Medicine and Biology, 2009, , 29-30.	0.8	0

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145	N-Methylation of N Î±-Acetylated, Fully CÎ±-Ethylated, Linear Peptides. International Journal of Peptide Research and Therapeutics, 2008, 14, 307-314.	0.9	4
146	Electroconductive and photocurrent generation properties of selfâ€assembled monolayers formed by functionalized, conformationallyâ€constrained peptides on gold electrodes. Journal of Peptide Science, 2008, 14, 184-191.	0.8	36
147	Synthesis and Characterisation of Helical Î²â€Peptide Architectures that Contain (S)â€Î²³â€HDOPA(Crown Ether) Derivatives. Chemistry - A European Journal, 2008, 14, 3154-3163.	1.7	9
148	Synthesis, Ion Complexation Study, and 3Dâ€Structural Analysis of Peptides Based on Crownâ€Carrier, C^{Î±}â€Methylâ€<scp>L</scp>â€DOPA Amino Acids. European Journal of Organic Chemistry, 2008, 2008, 1224-1241.	1.2	6
149	C^{Î±}â€Methyl proline: A unique example of split personality. Biopolymers, 2008, 89, 465-470.	1.2	16
150	First homoâ€peptides undergoing a reversible 3₁₀â€helix/Î±â€helix transition: Critical mainâ€chain length. Biopolymers, 2008, 90, 567-574.	1.2	34
151	Correlation between symmetry breaker position and the preferences of conformationally constrained homopeptides: A molecular dynamics investigation. Biopolymers, 2008, 90, 695-706.	1.2	15
152	Mainâ€Chain Length Control of Conformation, Membrane Activity, and Antibiotic Properties of LipoÂpeptaibol Sequential Analogues. Chemistry and Biodiversity, 2008, 5, 681-692.	1.0	10
153	Conformational Effects on the Electronâ€Transfer Efficiency in Peptide Foldamers Based on Î±,Î±â€Disubstituted Glycyl Residues. Chemistry and Biodiversity, 2008, 5, 1263-1278.	1.0	29
154	Polarity dependence of EPR parameters for TOAC and MTSSL spin labels: Correlation with DOXYL spin labels for membrane studies. Journal of Magnetic Resonance, 2008, 190, 211-221.	1.2	25
155	Synthesis of enantiopure, axially chiral, CÎ±-tetrasubstituted Î±-amino acids with binaphthyl-based crowned side chains and 3D-structural analysis of their peptides. Tetrahedron, 2008, 64, 2307-2320.	1.0	4
156	Synthesis, resolution and assignment of absolute configuration of trans 3-amino-1-oxyl-2,2,5,5-tetramethylpyrrolidine-4-carboxylic acid (POAC), a cyclic, spin-labelled Î²-amino acid. Tetrahedron, 2008, 64, 4416-4426.	1.0	5
157	Central-to-axial chirality transfer and induced circular dichroism in 6,7-dihydro-5H-dibenz[c,e]azepine derivatives of Î±- and Î²-amino esters. Tetrahedron Letters, 2008, 49, 3475-3479.	0.7	15
158	The Bip Method, Based on the Induced Circular Dichroism of a Flexible Biphenyl Probe in Terminally Protected -Bip-Xaa*- Dipeptides, for Assignment of the Absolute Configuration of Î²-Amino Acids. Journal of the American Chemical Society, 2008, 130, 5986-5992.	6.6	56
159	Structural Flexibility of a Helical Peptide Regulates Vibrational Energy Transport Properties. Journal of Physical Chemistry B, 2008, 112, 15487-15492.	1.2	53
160	Backbone Dynamics of Alamethicin Bound to Lipid Membranes: Spin-Echo Electron Paramagnetic Resonance of TOAC-Spin Labels. Biophysical Journal, 2008, 94, 2698-2705.	0.2	39
161	Energy Transport in Peptide Helices: A Comparison between High- and Low-Energy Excitations. Journal of Physical Chemistry B, 2008, 112, 9091-9099.	1.2	92
162	PELDOR Conformational Analysis of bis-Labeled Alamethicin Aggregated in Phospholipid Vesicles. Journal of Physical Chemistry B, 2008, 112, 13469-13472.	1.2	30

#	Article	IF	Citations
163	Onset of 3₁₀-Helical Secondary Structure in Aib Oligopeptides Probed by Coherent 2D IR Spectroscopy. Journal of the American Chemical Society, 2008, 130, 6556-6566.	6.6	51
164	Energy transport in peptide helices. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12749-12754.	3.3	179
165	Unraveling Solvent-Driven Equilibria between Î±- and 3₁₀-Helices through an Integrated Spin Labeling and Computational Approach. Journal of the American Chemical Society, 2007, 129, 11248-11258.	6.6	40
166	Self-Aggregation of Spin-Labeled Alamethicin in ePC Vesicles Studied by Pulsed Electronâ^'Electron Double Resonance. Journal of the American Chemical Society, 2007, 129, 9260-9261.	6.6	33
167	Peptide Î±/3₁₀-Helix Dimorphism in the Crystal State. Journal of the American Chemical Society, 2007, 129, 15471-15473.	6.6	48
168	Two-Dimensional Infrared Spectral Signatures of 310- and Î±-Helical Peptides. Journal of Physical Chemistry B, 2007, 111, 3222-3235.	1.2	64
169	Ab InitioModeling of CW-ESR Spectra of the Double Spin Labeled Peptide Fmoc-(Aib-Aib-TOAC)2-Aib-OMe in Acetonitrile. Journal of Physical Chemistry B, 2007, 111, 2668-2674.	1.2	32
170	TOAC Spin Labels in the Backbone of Alamethicin: EPR Studies in Lipid Membranes. Biophysical Journal, 2007, 92, 473-481.	0.2	52
171	Lipid Chain-Length Dependence for Incorporation of Alamethicin in Membranes: Electron Paramagnetic Resonance Studies on TOAC-Spin Labeled Analogs. Biophysical Journal, 2007, 92, 4002-4011.	0.2	50
172	Slowtert-butyl ester acidolysis and peptide 310-helix to Î±-helix transition in HFIP solution. Biopolymers, 2007, 88, 233-238.	1.2	18
173	Evidence for the 3₁₀â€helical structure of peptides based on antAib, a fluorophoric, anthraceneâ€fused, 1â€aminocyclopentaneâ€1â€carboxylic acid. Biopolymers, 2007, 88, 797-806.	1.2	3
174	Crystal Structure of a Spin-Labeled, Channel-Forming Alamethicin Analogue. Angewandte Chemie - International Edition, 2007, 46, 2047-2050.	7.2	41
175	Peptaibiotics. Chemistry and Biodiversity, 2007, 4, 1021-1022.	1.0	29
176	Total Synthesis in Solution and Conformational Analysis of the Peptaibol Cervinin and Selected Analogues. Chemistry and Biodiversity, 2007, 4, 1129-1143.	1.0	7
177	Total Syntheses in Solution of TOAC-Labelled Alamethicin F50/5 Analogues. Chemistry and Biodiversity, 2007, 4, 1183-1199.	1.0	22
178	Multinuclear Solid-State-NMR and FT-IR-Absorption Investigations on Lipid/Trichogin Bilayers. Chemistry and Biodiversity, 2007, 4, 1200-1218.	1.0	17
179	Conformational Analysis of TOAC-Labelled Alamethicin F50/5 Analogues. Chemistry and Biodiversity, 2007, 4, 1256-1268.	1.0	22
180	Solvent Dependence of the Rotational Diffusion of TOAC-Spin-Labeled Alamethicin. Chemistry and Biodiversity, 2007, 4, 1269-1274.	1.0	9

#	Article	IF	Citations
181	Supramolecular Structure of Self-Assembling Alamethicin Analog Studied by ESR and PELDOR. Chemistry and Biodiversity, 2007, 4, 1275-1298.	1.0	22
182	Alamethicin Interaction with Lipid Membranes: A Spectroscopic Study on Synthetic Analogues. Chemistry and Biodiversity, 2007, 4, 1299-1312.	1.0	40
183	Pore-Forming Properties of Alamethicin F50/5 Inserted in a Biological Membrane. Chemistry and Biodiversity, 2007, 4, 1338-1346.	1.0	18
184	Synthesis of Enantiomerically Purecis-andtrans-4-Amino-1-oxyl-2,2,6,6-tetramethylpiperidine-3-carboxylic Acid: A Spin-Labelled, Cyclic, Chiral Î²-Amino Acid, and 3D-Structural Analysis of a Doubly Spin-Labelled Î²-Hexapeptide. European Journal of Organic Chemistry, 2007, 2007, 3133-3144.	1.2	14
185	Self-assembled peptide monolayers on interdigitated gold microelectrodes. Materials Science and Engineering C, 2007, 27, 1309-1312.	3.8	18
186	Crystal-state 3D-structural characterization of novel, Aib-based, turn and helical peptides. Journal of Peptide Science, 2007, 13, 190-205.	0.8	19
187	Facile and E-Selective Intramolecular Ring-Closing Metathesis Reactions in 310-Helical Peptides:â€‰ A 3D Structural Study. Journal of the American Chemical Society, 2007, 129, 6986-6987.	6.6	73
188	Probing Peptide Structures by Two-Dimensional Infrared Spectroscopy. , 2007, , .		0
189	Different Two-Dimensional Infrared Spectral Signatures for 310- and Î±-Helix Octapeptides. Springer Series in Chemical Physics, 2007, , 347-349.	0.2	0
190	Gold Nanoclusters Protected by Conformationally Constrained Peptides. Journal of the American Chemical Society, 2006, 128, 326-336.	6.6	125
191	Different Spectral Signatures of Octapeptide 310- and Î±-Helices Revealed by Two-Dimensional Infrared Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 5834-5837.	1.2	67
192	A Helical, Aromatic, Peptide Nanotube. Organic Letters, 2006, 8, 6091-6094.	2.4	26
193	Peptide Folding Dynamics:Â A Time-Resolved Study from the Nanosecond to the Microsecond Time Regime. Journal of Physical Chemistry B, 2006, 110, 22834-22841.	1.2	30
194	Effect of Peptide Lipidation on Membrane Perturbing Activity:Â A Comparative Study on Two Trichogin Analogues. Journal of Physical Chemistry B, 2006, 110, 22813-22818.	1.2	41
195	Alamethicin Interaction with Lipid Membranes: A Spectroscopic Study on Synthetic Analogs. , 2006, , 281-282.		0
196	A Time-Resolved Spectroscopic Study on Peptide Folding. , 2006, , 605-606.		0
197	It All Started in Brooklyn, NY, Forty-five Years Ago!. , 2006, , 22-25.		0
198	Total Synthesis in Solution and Preliminary Conformational Analysis of TOAC-Labeled Alamethicin F50/5 Analogs. , 2006, , 263-264.		0

#	Article	IF	Citations
199	A Lipid Monolayer Made Permeable to Tl(I) Ions by the Lipopeptaibol Trichogin GA IV. , 2006, , 265-266.		1
200	Synthesis of the Spin-labelled Î²-Amino Acids cis- and trans-Î²-TOAC, and a Preliminary Conformational Study of trans-Î²-TOAC/trans-ACHC Peptides. , 2006, , 557-558.		1
201	Synthesis, conformation, and bioactivity of novel analogues of the antiviral lipopeptide halovir A. Journal of Peptide Science, 2006, 12, 748-757.	0.8	8
202	Static and dynamic features of a helical hexapeptide chemisorbed on a gold surface. Materials Science and Engineering C, 2006, 26, 918-923.	3.8	16
203	Densely-packed self-assembled monolayers on gold surfaces from a conformationally constrained helical hexapeptide. Surface Science, 2006, 600, 409-416.	0.8	27
204	Synthesis of protected derivatives and short peptides of antAib, a novel CÎ±-tetrasubstituted Î±-amino acid of the Ac5c type possessing a fused anthracene fluorophore. Tetrahedron, 2006, 62, 6203-6213.	1.0	18
205	Synthesis of linear and cyclic homo-Î²-peptides based on a binaphthylic Î²-amino acid with only axial chirality. Tetrahedron: Asymmetry, 2006, 17, 30-39.	1.8	4
206	An extension of the â€˜Bip methodâ€™: induced axial chirality in a series of dipeptides based on Bip/Î²2,2-HBip combined with Ala/Î²3-HAla. Tetrahedron: Asymmetry, 2006, 17, 363-371.	1.8	11
207	Preferred 3D-Structure of Peptides Rich in a Severely Conformationally Restricted Cyclopropane Analogue of Phenylalanine. Chemistry - A European Journal, 2006, 12, 251-260.	1.7	19
208	Dynamics of Formation of a Helix-Turn-Helix Structure in a Membrane-Active Peptide: A Time-Resolved Spectroscopic Study. ChemBioChem, 2006, 7, 43-45.	1.3	29
209	CÎ±-Tetrasubstituted Amino Acid Based Peptides in Asymmetric Catalysis. Biopolymers, 2006, 84, 97-104.	1.2	17
210	Peptide helices based on Î±-amino acids. Biopolymers, 2006, 84, 3-12.	1.2	136
211	Asymmetric enone epoxidation by short solid-phase bound peptides: Further evidence for catalyst helicity and catalytic activity of individual peptide strands. Biopolymers, 2006, 84, 90-96.	1.2	56
212	Introduction by guest editors. Biopolymers, 2006, 84, 2-2.	1.2	2
213	Turn and helical peptide spacers: Combined distance and angular dependencies in the exciton-coupled circular dichroism of intramolecularly interacting bis-porphyrins. Biopolymers, 2006, 82, 482-490.	1.2	8
214	Handedness control of peptide helices by amino acid side-chain chirality: Ile/alle peptides. Biopolymers, 2006, 84, 490-501.	1.2	17
215	N-methylation of NÎ±-acylated, fully CÎ±-methylated, linear, folded peptides: Synthetic and conformational aspects. Biopolymers, 2006, 84, 553-565.	1.2	14
216	You Are Sitting on a Gold Mine!. Synlett, 2006, 2006, 1295-1310.	1.0	69

#	Article	IF	Citations
217	Different Two-Dimensional Infrared Spectral Signatures for 310- and Î±-Helix Octapeptides. , 2006, , .		0
218	Incorporation of channel-forming peptides in a Hg-supported lipid bilayer. Journal of Electroanalytical Chemistry, 2005, 576, 121-128.	1.9	28
219	Synthesis and spectroscopic characterization of enantiopure protected trans-4-amino-1-oxyl-2,2,6,6-tetramethyl piperidine-3-carboxylic acid (trans Î²-TOAC). Tetrahedron Letters, 2005, 46, 5573-5576.	0.7	11
220	Nuclear Magnetic Resonance of Protamines. FEBS Journal, 2005, 126, 389-394.	0.2	5
221	Linear Configuration of the Spins of a Stable Trinitroxide Radical Based on a Ternary Helical Peptide. ChemPhysChem, 2005, 6, 1472-1475.	1.0	8
222	Turn stabilization in short peptides by C?-methylated ?-amino acids. Biopolymers, 2005, 80, 279-293.	1.2	23
223	Stereoselective acylation of a racemic amine with CÎ±-methyl phenylglycine-based dipeptide 5(4H)-oxazolones. Chirality, 2005, 17, 481-487.	1.3	16
224	Preferred Conformations of Peptides Containingtert-Leucine, a Sterically Demanding, Lipophilic ?-Amino Acid with a Quaternary Side-Chain C? Atom. Chemistry - A European Journal, 2005, 11, 2395-2404.	1.7	20
225	Induced Axial Chirality in the Biphenyl Core of the Proatropoisomeric, CÎ±-Tetrasubstituted Î±-Amino Acid Residue Bip in Peptides. Chemistry - A European Journal, 2005, 11, 6921-6929.	1.7	31
226	From Coded to Non-Coded Î±-Amino Acids: A Journey in Oligopeptide Stereochemistry. ChemInform, 2005, 36, no.	0.1	0
227	Peptide Î²-Bend and 3 10-Helix: from 3D-Structural Studies to Applications as Templates. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2005, 51, 121-136.	1.6	28
228	From coded to non-coded Î±-amino acids: a journey in oligopeptide stereochemistry. Journal of Peptide Science, 2005, 11, 250-253.	0.8	3
229	Evidence Against the Hopping Mechanism as an Important Electron Transfer Pathway for Conformationally Constrained Oligopeptides. Journal of the American Chemical Society, 2005, 127, 492-493.	6.6	116
230	Mechanism of Membrane Activity of the Antibiotic Trichogin GA IV: A Two-State Transition Controlled by Peptide Concentration. Biophysical Journal, 2005, 88, 3411-3421.	0.2	65
231	Turn and Helical Peptide Handedness Governed Exclusively by Side-Chain Chiral Centers. Journal of the American Chemical Society, 2005, 127, 2036-2037.	6.6	59
232	Induced Axial Chirality in the Biphenyl Core of the CÎ±-Tetrasubstituted Î±-Amino Acid Residue Bip and Subsequent Propagation of Chirality in (Bip)n/Val Oligopeptides. Journal of the American Chemical Society, 2004, 126, 12874-12879.	6.6	85
233	A study of a CÎ±,Î²-didehydroalanine homo-oligopeptide series in the solid-state by13C cross-polarization magic angle spinning NMR. Journal of Peptide Science, 2004, 10, 336-341.	0.8	9
234	Direct Observation of Intramolecular Hydrogen Bonds in Peptide 310 Helices by3hJN,Câ€² Scalar Couplings. Angewandte Chemie - International Edition, 2004, 43, 3152-3155.	7.2	9

#	Article	IF	Citations
235	Meteoritic C?-Methylated ?-Amino Acids and the Homochirality of Life: Searching for a Link. Angewandte Chemie - International Edition, 2004, 43, 6695-6699.	7.2	28
236	Molecular spacers for physicochemical investigations based on novel helical and extended peptide structures. Biopolymers, 2004, 76, 162-176.	1.2	68
237	The complete chirospectroscopic signature of the peptide 310-helix in aqueous solution. Biopolymers, 2004, 75, 32-45.	1.2	58
238	Structural properties and photophysical behavior of conformationally constrained hexapeptides functionalized with a new fluorescent analog of tryptophan and a nitroxide radical quencher. Biopolymers, 2004, 75, 128-139.	1.2	18
239	Total synthesis in solution of alamethicin F50/5 by an easily tunable segment condensation approach. Biopolymers, 2004, 76, 485-493.	1.2	40
240	Total Synthesis of Sequential Retro-Peptide Oligomers. European Journal of Organic Chemistry, 2004, 2004, 4188-4196.	1.2	8
241	Benzophenone Photophore Flexibility and Proximity: Molecular and Crystal-State Structure of a Bpa-Containing Trichogin Dodecapeptide Analogue. ChemBioChem, 2004, 5, 541-544.	1.3	18
242	Recent Contributions of Electronic Circular Dichroism to the Investigation of Oligopeptide Conformations. ChemInform, 2004, 35, no.	0.1	0
243	Recent contributions of electronic circular dichroism to the investigation of oligopeptide conformations. Chirality, 2004, 16, 388-397.	1.3	25
244	Exploring new dipeptides based on phenylglycine and CÎ±-methyl phenylglycine as hosts in inclusion resolutions. Tetrahedron: Asymmetry, 2004, 15, 1919-1927.	1.8	9
245	Synthesis of a proline-rich [60]fullerene peptide with potential biological activity. Tetrahedron, 2004, 60, 2823-2828.	1.0	46
246	An oligopeptide doubly labelled with an azulene chromophore and a TEMPO radical. Azulene triplet generation by enhanced ISC from S2. Chemical Physics Letters, 2004, 385, 362-367.	1.2	16
247	Self-Assembled Monolayers of Hexapeptides on Gold:Â Surface Characterization and Orientation Distribution Analysisâ€. Journal of Physical Chemistry A, 2004, 108, 9673-9681.	1.1	33
248	Role of Secondary Structure in the Asymmetric Acylation Reaction Catalyzed by Peptides Based on Chiral CÎ±-Tetrasubstituted Î±-Amino Acids. Journal of Organic Chemistry, 2004, 69, 3849-3856.	1.7	39
249	Synthesis and Characterization of a Series of Homo-oligopeptide Peroxyesters. Organic Letters, 2004, 6, 3215-3215.	2.4	0
250	Synthesis and Characterization of a Series of Homooligopeptide Peroxyesters. Organic Letters, 2004, 6, 2753-2756.	2.4	7
251	Aggregation and Water-Membrane Partition as Major Determinants of the Activity of the Antibiotic Peptide Trichogin GA IV. Biophysical Journal, 2004, 86, 936-945.	0.2	80
252	A Possible Pathway for the Transfer of Chiral Bias from Extraterrestrial CÎ±-Tetrasubstituted Î±-Amino Acids to Proteinogenic Amino Acids. Cellular Origin and Life in Extreme Habitats, 2004, , 121-122.	0.3	0

#	Article	IF	Citations
253	Pseudopeptide Foldamers â^' The Homo-Oligomers of Benzyl (4S,5R)-5-Methyl-2-oxo-1,3-oxazolidine-4-carboxylate. European Journal of Organic Chemistry, 2003, 2003, 259-267.	1.2	30
254	A Combined Spectroscopic and Theoretical Study of a Series of Conformationally Restricted Hexapeptides Carrying a Rigid Binaphthylâ€"Nitroxide Donorâ€"Acceptor Pair. Chemistry - A European Journal, 2003, 9, 4084-4093.	1.7	36
255	Lipopeptaibol Metabolites of Tolypocladium geodes: Total Synthesis, Preferred Conformation, and Membrane Activity. Chemistry - A European Journal, 2003, 9, 3567-3576.	1.7	20
256	Characterization of the 310-Helix in Model Peptides by HRMAS NMR Spectroscopy. Chemistry - A European Journal, 2003, 9, 1317-1323.	1.7	12
257	Folding of peptides characterized by c3Val, a highly constrained analogue of valine. Biopolymers, 2003, 68, 178-191.	1.2	8
258	Distance dependency of exciton coupled circular dichroism using turn and helical peptide spacers. Biopolymers, 2003, 72, 105-115.	1.2	18
259	N-benzhydryl-glycolamide: The first protecting group in peptide synthesis with a strong conformational bias. Biopolymers, 2003, 71, 17-27.	1.2	5
260	New tools for the control of peptide conformation and supramolecular chemistry: Crown-carrier, CÎ±-methyl L-DOPA amino acids. Biopolymers, 2003, 71, 667-674.	1.2	8
261	4-Amino-1-oxyl-2,2,6,6-tetramethylpiperidine-3-carboxylic acid (Î²-TOAC), the first spin-labelled, cyclic, chiral Î²-amino acid resolved in an enantiomerically pure state. Tetrahedron Letters, 2003, 44, 3381-3384.	0.7	22
262	First access to the spin-labelled Î²-amino acid POAC in an enantiopure state by resolution through its binaphthyl esters. Tetrahedron Letters, 2003, 44, 4183-4186.	0.7	11
263	Synthesis and conformational study of homo-peptides based on (S)-Bin, a C2-symmetric binaphthyl-derived CÎ±,Î±-disubstituted glycine with only axial chirality. Tetrahedron: Asymmetry, 2003, 14, 1879-1893.	1.8	23
264	Synthetic formyl tripeptide chemoattractants: a C?, ?-dialkylated, amphiphilic glycyl residue at position 1. Journal of Peptide Science, 2003, 9, 354-360.	0.8	3
265	Crystal-state 3D-structural characterization of novel 310-helical peptides. Journal of Peptide Science, 2003, 9, 620-637.	0.8	15
266	Trichogin: a paradigm for lipopeptaibols. Journal of Peptide Science, 2003, 9, 679-689.	0.8	83
267	Disruption of the ?-sheet structure of a protected pentapeptide, related to the ?-amyloid sequence 17-21, induced by a single, helicogenic C?-tetrasubstituted ?-amino acid. Journal of Peptide Science, 2003, 9, 461-466.	0.8	34
268	Anomalous Distance Dependence of Electron Transfer across Peptide Bridges. Journal of the American Chemical Society, 2003, 125, 2874-2875.	6.6	100
269	CÎ±-Methyl, CÎ±-n-Propylglycine Homo-oligomers. Macromolecules, 2003, 36, 8164-8170.	2.2	15
270	Conformational analysis by HRMAS NMR spectroscopy of resin-bound homo-peptides from CÎ±-methyl-leucine. Organic and Biomolecular Chemistry, 2003, 1, 1835-1837.	1.5	10

#	Article	IF	Citations
271	Interaction of 7-Azatryptophan and ÃŸ-(1-Azulenyl)-Alanine with a Nitroxyl Radical. Advances in Experimental Medicine and Biology, 2003, 527, 731-737.	0.8	0
272	A peptide template as an allosteric supramolecular catalyst for the cleavage of phosphate esters. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5144-5149.	3.3	81
273	X-ray Diffraction Analysis and Conformational Energy Computations of Î²-Turn and 310-Helical Peptides Based on Î±-Amino Acids with an Olefinic Side Chain. Implications for Ring-Closing Metathesis. Macromolecules, 2002, 35, 4204-4209.	2.2	16
274	Insights into the Free-Energy Dependence of Intramolecular Dissociative Electron Transfers. Journal of the American Chemical Society, 2002, 124, 11503-11513.	6.6	40
275	(Î±Me)Hyv: chemo-enzymatic synthesis, and preparation and preferred conformation of model depsipeptidesElectronic supplementary information (ESI) available: analytical data. See http://www.rsc.org/suppdata/p2/b1/b107691b/. Perkin Transactions II RSC, 2002, , 644-651.	1.1	6
276	Nitroxyl Peptides as Catalysts of Enantioselective Oxidations. Chemistry - A European Journal, 2002, 8, 84-93.	1.7	48
277	A Helical Peptide Receptor for [60]Fullerene. Chemistry - A European Journal, 2002, 8, 1544-1553.	1.7	19
278	Pseudopeptide Foldamers: The Homo-Oligomers of Pyroglutamic Acid. Chemistry - A European Journal, 2002, 8, 2516.	1.7	55
279	Zinc(II) as an Allosteric Regulator of Liposomal Membrane Permeability Induced by Synthetic Template-Assembled Tripodal Polypeptides. Chemistry - A European Journal, 2002, 8, 2753.	1.7	28
280	Synthesis of the First Axially Dissymmetric,CÎ±,Î±-Disubstituted Glycine Containing a Crown Ether Receptor, and the Conformational Preferences of a Model Peptide. European Journal of Organic Chemistry, 2002, 2002, 1232-1247.	1.2	14
281	Serendipitous Discovery of Peptide Dialkyl Peroxides. Helvetica Chimica Acta, 2002, 85, 3099-3112.	1.0	15
282	Synthesis, conformational analysis, and spectroscopic characterization of peptides based on Daf, the first rigid transition-metal receptor, cyclic C?,?-disubstituted glycine. Biopolymers, 2002, 63, 314-324.	1.2	10
283	Factors governing 310-helix vs ?-helix formation in peptides: Percentage of C?-tetrasubstituted ?-amino acid residues and sequence dependence. Biopolymers, 2002, 64, 236-245.	1.2	22
284	Discriminating 310- from ?-helices: Vibrational and electronic CD and IR absorption study of related Aib-containing oligopeptides. Biopolymers, 2002, 65, 229-243.	1.2	85
285	Reactive intermediates in peptide synthesis.ortho-NitrophenylNÎ±-para-toluenesulfonyl-Î±-aminoisobutyrate. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o215-o217.	0.4	1
286	Reactive intermediates in peptide synthesis: theN-oxysuccinimido ester ofNÎ±-para-toluenesulfonyl-Î±-aminoisobutyric acid. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o275-o276.	0.4	3
287	Probing structural requirements of fMLP receptor: On the size of the hydrophobic pocket corresponding to residue 2 of the tripeptide. Journal of Peptide Science, 2002, 8, 56-65.	0.8	8
288	Peptoid residues and ?-turn formation. Journal of Peptide Science, 2002, 8, 241-252.	0.8	36

#	Article	IF	Citations
289	Electron paramagnetic resonance backbone dynamics studies on spin-labelled neuropeptide Y analogues. Journal of Peptide Science, 2002, 8, 671-682.	0.8	33
290	Vibrational and electronic circular dichroism study of 310-helical stabilization in blocked (Î±-Me)-Val peptides. , 2002, , 375-377.		0
291	Talking about TOAC: A novel electron spin resonance probe of peptide conformation. , 2002, , 267-269.		0
292	Agonist Activity at the Kinin B1 Receptor:Â Structural Requirements of the Central Tetrapeptide. Journal of Medicinal Chemistry, 2001, 44, 274-278.	2.9	8
293	Short-chain analogues of the lipopeptaibol antibiotic trichogin GA IV: conformational analysis and membrane modifying properties. Perkin Transactions II RSC, 2001, , 1372-1377.	1.1	12
294	CÎ±-Methyl,CÎ±-allylglycine (Mag) Homooligomers. Macromolecules, 2001, 34, 4263-4269.	2.2	6
295	First Rigid Peptide Foldamers with an Alternating Cisâ^'Trans Amide Sequence. An Oligomeric Building Block for the Construction of New Helices, Large-Ring Cyclic Correlates, and Nanotubes. Macromolecules, 2001, 34, 5048-5052.	2.2	23
296	Dinuclear Zn2+Complexes of Synthetic Heptapeptides as Artificial Nucleases. Journal of the American Chemical Society, 2001, 123, 3169-3170.	6.6	153
297	A Peptide-Tethered Lipid Bilayer on Mercury as a Biomimetic System. Langmuir, 2001, 17, 6585-6592.	1.6	44
298	Intramolecular, Intermolecular, and Heterogeneous Nonadiabatic Dissociative Electron Transfer to Peresters. Journal of the American Chemical Society, 2001, 123, 9577-9584.	6.6	56
299	Solution Structure, Dimerization, and Dynamics of a Lipophilic Î±/310-Helical, CÎ±-Methylated Peptide. Implications for Folding of Membrane Proteins. Journal of the American Chemical Society, 2001, 123, 6678-6686.	6.6	39
300	Analogs of the antimicrobial peptide trichogin having opposite membrane properties. FEBS Journal, 2001, 268, 703-712.	0.2	27
301	Enantiopure CÎ±-tetrasubstituted Î±-amino acids. Chemo-enzymatic synthesis and application to turn-forming peptides. Tetrahedron, 2001, 57, 6567-6577.	1.0	28
302	Fullerene-based amino acids and peptides. Journal of Peptide Science, 2001, 7, 208-219.	0.8	113
303	C?-hydroxymethyl methionine: synthesis, optical resolution and crystal structure of its (+)-N?-benzoyl derivative. Journal of Peptide Science, 2001, 7, 619-625.	0.8	7
304	Control of peptide conformation by the Thorpe-Ingold effect (C?-tetrasubstitution). Biopolymers, 2001, 60, 396-419.	1.2	630
305	9-Amino-4,5-diazafluorene-9-carboxylic Acid (Daf), a New CÎ±,Î±-Disubstituted Glycine Containing a Spatially Constrained Bipyridine-Like Ligand for Transition Metals â^' Synthesis and Evaluation of Peptide-Coupling Conditions at itsC- andN-Termini. European Journal of Organic Chemistry, 2001, 2001, 1821-1829.	1.2	16
306	A Chirally Stable, Atropoisomeric,CÎ±-TetrasubstitutedÎ±-Amino Acid: Incorporation into Model Peptides and Conformational Preference. Helvetica Chimica Acta, 2001, 84, 481-501.	1.0	20

#	Article	IF	Citations
307	Influence of glycosylation on the conformational preferences of folded oligopeptides. Tetrahedron, 2001, 57, 2433-2443.	1.0	7
308	Peptaibolin: synthesis, 3D-structure, and membrane modifying properties of the natural antibiotic and selected analogues. Tetrahedron, 2001, 57, 2813-2825.	1.0	19
309	Control of peptide conformation by the Thorpe-Ingold effect (CÎ±-tetrasubstitution). , 2001, 60, 396.		1
310	Allyl-Based, CÎ±-Methylated Î±-Amino Acids in the Side-Chain to Side-Chain Ring-Closing Metathesis Reaction of Î²-Turn/310-Helical Peptides. , 2001, , 371-372.		1
311	Peptides Based on Daf, the First Rigid, Transition-Metal Receptor: CÎ±,Î±-Disubstituted Glycine. , 2001, , 369-370.		0
312	A spectroscopic and molecular mechanics investigation on a series of AIB-based linear peptides and a peptide template, both containing tryptophan and a nitroxide derivative as probes. Biopolymers, 2000, 53, 169-181.	1.2	16
313	Conformational restriction through C?i ? C?i cyclization: Ac12c, the largest cycloaliphatic C?,?-disubstituted glycine known. Biopolymers, 2000, 53, 200-212.	1.2	18
314	Electron spin resonance of TOAC labeled peptides: Folding transitions and high frequency spectroscopy. Biopolymers, 2000, 55, 479-485.	1.2	34
315	Interaction between TOAC free radical and photoexcited triplet chromophores linked to peptide templates. Biopolymers, 2000, 55, 486-495.	1.2	14
316	An azacrown-functionalized peptide as a metal ion based catalyst for the cleavage of a RNA-model substrate. Biopolymers, 2000, 55, 496-501.	1.2	40
317	CIDEP Effects of Intramolecular Quenching of Singlet and Triplet Excited States by Nitroxide Radicals in Oligopeptides: A Potentially Useful New Method for Investigating Peptide Secondary Structures in Solution. Chemistry - A European Journal, 2000, 6, 2775-2782.	1.7	30
318	The First Water-Soluble 310-Helical Peptides. Chemistry - A European Journal, 2000, 6, 4498-4504.	1.7	105
319	Preferred conformation of peptides based on cycloaliphatic C?,?-disubstituted glycines: 1-amino-cycloundecane-1-carboxylic acid (Ac11c). Journal of Peptide Science, 2000, 6, 571-583.	0.8	9
320	An oxazol-5(4H)-one from benzyloxycarbonyl-(Aib)4-OH. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 695-696.	0.4	6
321	Mag: a CÎ±-Methylated, Side-chain Unsaturated Î±-Amino Acid. Introduction into Model Peptides and Conformational Preference. Tetrahedron, 2000, 56, 3589-3601.	1.0	18
322	Bip: a CÎ±-Tetrasubstituted, Axially Chiral Î±-Amino Acid. Synthesis and Conformational Preference of Model Peptides. Tetrahedron, 2000, 56, 8721-8734.	1.0	27
323	Î²-Homo-peptides Built from Î²2,2-HBip, a Biphenyl-substituted 3-Amino-2,2-dimethylpropanoic Acid. Tetrahedron, 2000, 56, 1715-1723.	1.0	12
324	Afc can adopt either the fully extended or a turn conformation. International Journal of Peptide Research and Therapeutics, 2000, 7, 123-131.	0.1	9

#	Article	IF	Citations
325	Title is missing!. International Journal of Peptide Research and Therapeutics, 2000, 7, 9-16.	0.1	1
326	Synthesis, conformation, and membrane modifying properties of the trikoningin KB lipopeptaibols: Effect of hydrophobicity and chirality in position 1. International Journal of Peptide Research and Therapeutics, 2000, 7, 9-16.	0.1	0
327	Afc can adopt either the fully extended or a turn conformation. International Journal of Peptide Research and Therapeutics, 2000, 7, 123-131.	0.1	3
328	Comparative conformational analysis of peptides based on the two CÎ±-tetrasubstituted, CÎ²-branched, chiral Î±-amino acids (Î±Me)Dip and (Î±Me)Valâ€Šâ€. Perkin Transactions II RSC, 2000, , 631-636.	1.1	13
329	TOAC: a useful CÎ±-tetrasubstituted Î±-amino acid for peptide conformational analysis by CD spectroscopy in the visible region. Part I. Perkin Transactions II RSC, 2000, , 1043-1046.	1.1	27
330	Concomitant Occurrence of Peptide 310- and Î±-Helices Probed by NMR. Journal of the American Chemical Society, 2000, 122, 11735-11736.	6.6	59
331	Synthesis of terminally protected 9-amino-4,5-diazafluorene-9-carboxylic acid, the first rigid, transition-metal receptor, CÎ±,Î±-disubstituted glycine. Tetrahedron Letters, 1999, 40, 6245-6248.	0.7	16
332	Determining the occurrence of a 3 10 -helix and an Î±-helix in two different segments of a lipopeptaibol antibiotic using TOAC, a nitroxide spin-labeled C Î± -tetrasubstituted Î±-aminoacid. Bioorganic and Medicinal Chemistry, 1999, 7, 119-131.	1.4	68
333	The antimicrobial peptide trichogin and its interaction with phospholipid membranes. FEBS Journal, 1999, 266, 1021-1028.	0.2	51
334	Crystal structure of a fully protected Î²-O-galactosylated tripeptide. Carbohydrate Research, 1999, 315, 334-338.	1.1	3
335	First Interchain Peptide Interaction Detected by ESR in Fully Synthetic, Template-Assisted, Two-Helix Bundles. Journal of the American Chemical Society, 1999, 121, 11071-11078.	6.6	16
336	Orientation and immersion depth of a helical lipopeptaibol in membranes using TOAC as an ESR probe. , 1999, 50, 239-253.		86
337	Synthesis, conformational study, and spectroscopic characterization of the cyclic CÎ±,Î±-disubstituted glycine 9-amino-9-fluorenecarboxylic acid. , 1999, 5, 61-74.		15
338	Total synthesis and membrane modifying properties of the lipopeptaibol trikoningin KB II and its analogues with acyl chains of different length at the N- and C-termini. , 1999, 5, 96-102.		13
339	Preferred solution conformation of peptides rich in the lipophilic, chiral, CÎ±-methylated Î±-amino acid (Î±Me)Aoc. , 1999, 5, 547-554.		5
340	A New Class of Pseudopeptide Antagonists of the Kinin B1 Receptor Containing Alkyl Spacers. Journal of Medicinal Chemistry, 1999, 42, 409-414.	2.9	27
341	Solution Structures of TOAC-Labeled Trichogin GA IV Peptides from Allowed (g â‰ˆ 2) and Half-Field Electron Spin Resonance. Journal of the American Chemical Society, 1999, 121, 6919-6927.	6.6	42
342	Flat Peptides. Journal of the American Chemical Society, 1999, 121, 3272-3278.	6.6	67

#	Article	IF	Citations
343	Solvent-Dependent Intramolecular Electron Transfer in a Peptide-Linked [Ru(bpy)3]2+â^'C60 Dyad. Journal of the American Chemical Society, 1999, 121, 3446-3452.	6.6	91
344	A Bimetallic Helical Heptapeptide as a Transphosphorylation Catalyst in Water. Journal of the American Chemical Society, 1999, 121, 6948-6949.	6.6	84
345	CÎ±-Methyl, CÎ±-phenylglycine peptides: A structural study. International Journal of Peptide Research and Therapeutics, 1998, 5, 223-225.	0.1	1
346	Helix induction potential of N-terminal Î±-methyl, Î±-amino acids. International Journal of Peptide Research and Therapeutics, 1998, 5, 105-107.	0.1	0
347	Title is missing!. International Journal of Peptide Research and Therapeutics, 1998, 5, 247-258.	0.1	0
348	Editorial: Volume 47, issue 1. Biopolymers, 1998, 47, 3-4.	1.2	0
349	Editorial: Volume 47, issue 2. Biopolymers, 1998, 47, 125-125.	1.2	1
350	TOAC, a nitroxide spin-labeled, achiral CÎ±-tetrasubstituted Î±-amino acid, is an excellent tool in material science and biochemistry. , 1998, 47, 153-158.		108
351	Helical screw sense of peptide molecules: The pentapeptide system (Aib)4/L-Val[L-(Î±Me)Val] in the crystal state. , 1998, 46, 433-443.		35
352	Trans-cis amide bond isomerization in fulleroprolines. , 1998, 4, 364-368.		12
353	Conformation and membrane activity of an analogue of the peptaibol antibiotic trichogin GA IV with a lipophilic amino acid at the N-terminus. , 1998, 4, 389-399.		20
354	Helix induction potential of N-terminal Î±-methyl, Î±-amino acids. International Journal of Peptide Research and Therapeutics, 1998, 5, 105-107.	0.1	11
355	CÎ±-Methyl, CÎ±-phenylglycine peptides: A structural study. International Journal of Peptide Research and Therapeutics, 1998, 5, 223-225.	0.1	7
356	CÎ±-methyl phenylglycine-based semi-synthetic ampicillin and cephalexin analogues. International Journal of Peptide Research and Therapeutics, 1998, 5, 43-48.	0.1	2
357	Reactive intermediates in peptide synthesis: Molecular and crystal structures of HOAt and HOOBt, and some ester and amide derivatives of HOBt, HOAt and HOOBt. International Journal of Peptide Research and Therapeutics, 1998, 5, 247-258.	0.1	5
358	Destabilization of the 310-Helix in Peptides Based on CÎ±-Tetrasubstituted Î±-Amino Acids by Main-Chain to Side-Chain Hydrogen Bonds. Journal of the American Chemical Society, 1998, 120, 11558-11566.	6.6	34
359	Linear oligopeptides. Part 406.1 Helical screw sense of peptide molecules: the pentapeptide system (Aib)4/L-Val[L-(Î±Me)Val] in solution. Journal of the Chemical Society Perkin Transactions II, 1998, , 1651-1658.	0.9	73
360	First Step Toward the Quantitative Identification of Peptide 310-Helix Conformation with NMR Spectroscopy:Â NMR and X-ray Diffraction Structural Analysis of a Fully-Developed 310-Helical Peptide Standard. Journal of the American Chemical Society, 1998, 120, 4763-4770.	6.6	51

#	Article	IF	Citations
361	A Nitroxide Derivative as a Probe for Conformational Studies of Short Linear Peptides in Solution. Spectroscopic and Molecular Mechanics Investigation. Journal of Physical Chemistry B, 1998, 102, 7890-7898.	1.2	38
362	Solid-state CD and peptide helical screw sense. Biopolymers, 1998, 38, 301-304.	1.2	26
363	Electron spin resonance and structural analysis of water soluble, alanine-rich peptides incorporating TO AC. Molecular Physics, 1998, 95, 957-966.	0.8	43
364	Crystallographic structure of a multiple Î²-turn containing, glycine-rich heptapeptide: A synthetic precursor of the lipopeptaibol antibiotic Trichodecenin I. Biopolymers, 1998, 39, 31-42.	1.2	12
365	Conformational restriction through CÎ±iâ€…â†â†'â€…CÎ±i cyclization: 1-aminocycloheptane-1-carboxylic acid (Ac7c). Journal of the Chemical Society Perkin Transactions II, 1997, , 2023-2032.	0.9	24
366	Conformational Characterization of Terminally Blockedl-(Î±Me)Val Homopeptides Using Vibrational and Electronic Circular Dichroism. 310-Helical Stabilization by Peptideâ^'Peptide Interaction. Journal of the American Chemical Society, 1997, 119, 10278-10285.	6.6	134
367	Reactive Intermediates in Peptide Synthesis:Â First Crystal Structures andab InitioCalculations of 2-Alkoxy-5(4H)-oxazolones from Urethane-Protected Amino Acids. Journal of the American Chemical Society, 1997, 119, 4136-4142.	6.6	19
368	Molecular Recognition by a Silica-Bound Fullerene Derivative. Journal of the American Chemical Society, 1997, 119, 7550-7554.	6.6	101
369	Crystallographic structure of a helical lipopeptaibol antibiotic analogue. International Journal of Peptide Research and Therapeutics, 1997, 4, 213-218.	0.1	2
370	Crystallographic structure of a helical lipopeptaibol antibiotic analogue. International Journal of Peptide Research and Therapeutics, 1997, 4, 213-218.	0.1	12
371	Aspartame dipeptide analogues: effect of number of side-chain methylene group spacers and CÎ±-methylation in the second position. Tetrahedron: Asymmetry, 1997, 8, 1305-1314.	1.8	39
372	Catalytic enantioselective addition of hydrogen cyanide to benzaldehyde and p-methoxybenzaldehyde using cyclo-His-(Î±-Me)Phe as catalyst. Tetrahedron: Asymmetry, 1997, 8, 1987-1999.	1.8	12
373	Conformational Characterization of the 1-Aminocyclobutane-1-carboxylic Acid Residue in Model Peptides. , 1997, 3, 110-122.		40
374	Conformational characterization of peptides rich in the cycloaliphatic CÎ±,Î±-disubstituted glycine 1-amino-cyclononane-1-carboxylic acid. , 1997, 3, 367-382.		11
375	Experimental evidence at atomic resolution for intramolecular N(SINGLEBOND)H Â· Â· Â· Ï€ (phenyl) interactions in a family of amino acid derivatives. , 1997, 42, 1-6.		26
376	Synthesis, Chiroptical Properties, and Configurational Assignment of Fulleroproline Derivatives and Peptides. Journal of the American Chemical Society, 1996, 118, 4072-4080.	6.6	136
377	ESR Characterization of Hexameric, Helical Peptides Using Double TOAC Spin Labeling. Journal of the American Chemical Society, 1996, 118, 7618-7625.	6.6	116
378	Metal Ion Modulation of Membrane Permeability Induced by a Polypetide Template. Journal of the American Chemical Society, 1996, 118, 2505-2506.	6.6	32

#	Article	IF	Citations
379	Distinguishing Helix Conformations in Alanine-Rich Peptides Using the Unnatural Amino Acid TOAC and Electron Spin Resonance. Journal of the American Chemical Society, 1996, 118, 271-272.	6.6	85
380	Circular Dichroism Spectrum of a Peptide 310-Helix. Journal of the American Chemical Society, 1996, 118, 2744-2745.	6.6	381
381	Linear oligopeptides. Part 352. Synthesis, characterization and solution conformational analysis of CÎ±-methyl-homo-phenylalanine [(Î±Me)Hph] containing peptides. Journal of the Chemical Society Perkin Transactions II, 1996, , 833-838.	0.9	5
382	Understanding Î±-amino acid chemistry from X-ray diffraction structures. , 1996, 40, 627-651.		16
383	Peptide Helices as Rigid Molecular Rulers: A Conformational Study of Isotactic Homopeptides from Î±â€Methylâ€Î±â€isopropylglycine, [Lâ€(Î±Me)Val]_n. Chemistry - A European Journal, 1996, 2, 1104-1111.	1.7	88
384	Folding versatility of the C-terminal tetrapeptide amide sequence of the lipopeptaibol antibiotics trichodecenin and trichogin. International Journal of Peptide Research and Therapeutics, 1996, 3, 121-126.	0.1	0
385	Preferred conformation of peptides rich in Ac₈c, a mediumâ€ring alicyclic C^{Î±,Î±}â€disubstituted glycine. Journal of Peptide Science, 1996, 2, 14-27.	0.8	1
386	Preferred conformation of peptides rich in Ac8c, a medium-ring alicyclic CÎ±,Î±-disubstituted glycine. Journal of Peptide Science, 1996, 2, 14-27.	0.8	19
387	Structural versatility of peptides from C^{Î±,Î±}â€disubstituted glycines: crystalâ€state conformational analysis of peptides from C^{Î±}â€methylhomophenylalanine, (Î±Me)Hph. International Journal of Peptide and Protein Research, 1996, 47, 491-497.	0.1	7
388	Crystallographic characterization of geometry and conformation of TOAC, a nitroxide spinâ€labelled C^{Î±,Î±}â€disubstituted glycine, in simple derivatives and model peptides *. International Journal of Peptide and Protein Research, 1996, 47, 231-238.	0.1	32
389	Crystallographic structure of a multiple Î²â€turn containing, glycineâ€rich heptapeptide: A synthetic precursor of the lipopeptaibol antibiotic Trichodecenin I. Biopolymers, 1996, 39, 31-42.	1.2	4
390	Characterization of ?-bend ribbon spiral forming peptides using electronic and vibrational CD. Biopolymers, 1995, 35, 103-111.	1.2	48
391	Helical screw sense of homo-oligopeptides of CÎ±-methylated Î±-amino acids as determined with vibrational circular dichroism. Tetrahedron: Asymmetry, 1995, 6, 687-690.	1.8	29
392	First unequivocal observation of the multiple fully extended conformation (25-helix) in a homopeptide from a CÎ±-methylated chiral Î±-amino acid. International Journal of Peptide Research and Therapeutics, 1995, 1, 157-162.	0.1	8
393	The polypeptide 310-helix as a template and a spacer. International Journal of Peptide Research and Therapeutics, 1995, 2, 187-189.	0.1	3
394	Synthesis and conformational studies of peptides containing TOAC, a spin-labelled CÎ±,Î±-disubstituted glycine. Journal of Peptide Science, 1995, 1, 45-57.	0.8	103
395	Inversion of 310-helix screw sense in a (D-Î±Me)Leu homotetrapeptide induced by a guestD-(Î±Me)val residue. Journal of Peptide Science, 1995, 1, 396-402.	0.8	3
396	The polypeptide 310-helix as a template for molecular recognition studies. Structural characterization of a sidechain functionalized octapeptide. Bioorganic and Medicinal Chemistry, 1995, 3, 1211-1221.	1.4	10

#	Article	IF	Citations
397	Synthesis and characterization of both enantiomers of a chiral C60 derivative with C2 symmetry. Tetrahedron Letters, 1995, 36, 2845-2846.	0.7	26
398	Linear oligopeptides. Part 329. Synthesis, characterization and solution conformational analysis of CÎ±-ethyl, CÎ±-benzylglycine[(Î±Et)Phe] containing peptides. Journal of the Chemical Society Perkin Transactions II, 1995, , 1097-1101.	0.9	13
399	An Infrared Absorption Study of Powerful Solvent Systems Useful for the Solution Synthesis of Sparingly Soluble Peptides. Protein and Peptide Letters, 1995, 2, 275-280.	0.4	1
400	Defect peptide chemistry: Perturbations in the structure of a homopentapeptide induced by a guest residue interrupting side-chain regularity. Biopolymers, 1994, 34, 1409-1418.	1.2	16
401	The p-bromobenzamido chromophore as a circular dichroic probe for the assignment of the screw sense of helical peptides. Tetrahedron: Asymmetry, 1994, 5, 507-510.	1.8	41
402	Structure determination of racemic trichogin A IV using centrosymmetric crystals. Nature Structural and Molecular Biology, 1994, 1, 908-914.	3.6	136
403	Addition reactions of C60 leading to fulleroprolines. Journal of the Chemical Society Chemical Communications, 1994, , 305.	2.0	77
404	A Bioactive Fullerene Peptide. Journal of Medicinal Chemistry, 1994, 37, 4558-4562.	2.9	120
405	Linear oligopeptides. Part 316. Conformational characterization of syndiotactic homo-peptides from CÎ±,Î±-disubstituted glycines. Journal of the Chemical Society Perkin Transactions II, 1994, , 1735-1742.	0.9	15
406	Position of side-chain branching and handedness of turns and helices of homopeptides from chiral CÎ±-methylated amino acids. Crystal-state structural analysis of (Î±Me)Leu trimer and tetramer. Journal of the Chemical Society Perkin Transactions II, 1994, , 525-529.	0.9	21
407	Stability of N-Derivatized and .alpha.-Methyl Analogs of Aspartame to Hydrolysis by Mammalian Cell-Surface Peptidases. Journal of Agricultural and Food Chemistry, 1994, 42, 1397-1401.	2.4	6
408	A crystalâ€state, solution and theoretical study of the preferred conformation of linear C^{Î±,Î±}â€diphenylglycine derivatives and dipeptides with potential anticonvulsant activity. International Journal of Peptide and Protein Research, 1994, 44, 85-95.	0.1	17
409	Structural versatility of peptides from CÎ±, Î±-disubstituted glycines: Crystal-state conformational analysis of homopeptides from CÎ±-methyl, CÎ±-benzylglycine [(Î±Me)Phe]n. Biopolymers, 1993, 33, 1617-1625.	1.2	25
410	Bioactive and model peptides characterized by the helicogenic (Î±Me)Phe residue. Tetrahedron, 1993, 49, 3641-3653.	1.0	44
411	Linear oligopeptides. 273. Structural versatility of peptides from C.alpha.,.alpha.-disubstituted glycines. Synthesis, characterization, and solution conformational analysis of homopeptides from C.alpha.-methyl-C.alpha.-benzylglycine, and [(.alpha.-Me)Phe]n1. Macromolecules, 1993, 26, 1980-1984.	2.2	25
412	Helical screw sense of peptide molecules. X-Ray diffraction structures of two oligopeptides with a single chiral centre. Journal of the Chemical Society Perkin Transactions II, 1993, , 987.	0.9	5
413	Synthesis and characterization of the first fullerene-peptide. Journal of Organic Chemistry, 1993, 58, 5578-5580.	1.7	79
414	Linear oligopeptides. 277. Structural versatility of peptides from C.alpha.,.alpha.-disubstituted glycines. Synthesis, characterization, and solution and crystal-state conformational analysis of homopeptides from C.alpha.-methyl-C.alpha.-isopropylglycine, [(.alpha.Me)Val]. Macromolecules, 1993, 26, 1848-1852.	2.2	27

#	Article	IF	Citations
415	Reverse Relationship between Î±-Carbon Chirality and Helix Handedness in (Î±Me)Phe Peptides. Journal of Biomolecular Structure and Dynamics, 1993, 10, 919-931.	2.0	17
416	Molecular and crystal structure of a dehydroalanine dipeptide*. Zeitschrift Fur Kristallographie - Crystalline Materials, 1993, 207, .	0.4	7
417	Molecular and crystal structure of a terminally-blocked Aib homotetrapeptide *. Zeitschrift FÃ¼r Kristallographie, 1992, 200, 83-91.	1.1	2
418	Crystal and molecular structures of two N-derivatives of C^{Î±},^{Î±}-diethylglycine*. Zeitschrift FÃ¼r Kristallographie, 1992, 199, 203-210.	1.1	5
419	Crystal and molecular structures of two N-carboxy anhydrides of CÎ±,Î±-disubstituted glycines*. Zeitschrift FÃ¼r Kristallographie, 1992, 199, 229-237.	1.1	6
420	Molecular and crystal structure ofN^{Î±}-benzyloxycarbonyl-<scp>l</scp>-proline amide *. Zeitschrift FÃ¼r Kristallographie, 1992, 200, 93-99.	1.1	0
421	A helical Dpg homo-peptide. Journal of the Chemical Society Perkin Transactions II, 1992, , 523.	0.9	20
422	Î²-Alanine and Î²-bends. X-Ray diffraction structures of three linear oligopeptides. Journal of the Chemical Society Perkin Transactions II, 1992, , 1233-1237.	0.9	33
423	Conformationally restricted analogues of anti-aspartame-type sweeteners. Journal of the Chemical Society Perkin Transactions II, 1992, , 1945.	0.9	11
424	X-Ray diffraction structure determination of a novel peptide oxazol-5(4H)-one with a chiral carbon atom in the heterocyclic moiety. Journal of the Chemical Society Perkin Transactions 1, 1991, , 3386.	0.9	10
425	Structures of polypeptides from Î±-amino acids disubstituted at the Î±-carbon. Macromolecules, 1991, 24, 4004-4009.	2.2	416
426	Preferred conformation of the terminally blocked (Aib)10 homo-oligopeptide: A long, regular 310-helix. Biopolymers, 1991, 31, 129-138.	1.2	114
427	Crystal-state conformation of homo-oligomers of Î±-aminoisobutyric acid: Molecular and crystal structure of pBrBz-(Aib)6-OMe. Structural Chemistry, 1991, 2, 523-527.	1.0	20
428	N-Acylureas in Peptide Synthesis: An X-Ray Diffraction and IR-Absorption Study. Helvetica Chimica Acta, 1990, 73, 626-634.	1.0	13
429	Critical Main-Chain Length for Conformational Conversion From 3₁₀-Helix to Î±-Helix in Polypeptides. Journal of Biomolecular Structure and Dynamics, 1990, 7, 1321-1331.	2.0	83
430	Linear oligopeptides. Part 227. X-Ray crystal and molecular structures of two Î±-helix-forming (Aib-L-Ala)sequential oligopeptides, pBrBz-(Aib-L-Ala)5-OMe and pBrBz-(Aib-L-Ala)6-OMe. Journal of the Chemical Society Perkin Transactions II, 1990, , 1829-1837.	0.9	40
431	Structural versatility of peptides from CÎ±,Î±-disubstituted glycines. Preferred conformation of the CÎ±,Î±-dibenzylglycine residue. Journal of the Chemical Society Perkin Transactions II, 1990, , 1481-1487.	0.9	16
432	The longest, regular polypeptide 310 helix at atomic resolution. Journal of Molecular Biology, 1990, 214, 633-635.	2.0	85

#	Article	IF	Citations
433	NÎ±-formylated and tert-butyloxycarbonylated Phe-(Leu-Phe)n and (Leu-Phe)n peptides as agonists and antagonists of the chemotactic formylpeptide receptor of the rabbit peritoneal neutrophil. Biochimica Et Biophysica Acta - General Subjects, 1990, 1034, 67-72.	1.1	8
434	Molecular and Crystal Structures of Two Terminally Blocked Tripeptides Corresponding to the 3â€“5 Sequence of the Peptaibol Antibiotics Antiamoebins. Liebigs Annalen Der Chemie, 1989, 1989, 337-343.	0.8	14
435	Crystal structures of N-benzylcarbonyl-Î±-aminoisobutyric acid mono- and tripeptide methyl ester derivatives. Zeitschrift FÃ¼r Kristallographie, 1989, 188, 261-269.	1.1	3
436	Molecular and crystal structures of three monothiated analogues of the terminally blocked ala-aib-ala sequence of peptaibol antibiotics. Biopolymers, 1988, 27, 747-761.	1.2	35
437	High-Resolution solid-state13C-nmr of peptides: A study of chain-length dependence for 310-helix formation. Biopolymers, 1988, 27, 1607-1617.	1.2	12
438	Linear oligopeptides. 188.Crystallographic characterization of the conformation of the 1-aminocyclopentane-1-carboxylic acid residue in simple derivatives. Canadian Journal of Chemistry, 1988, 66, 2575-2582.	0.6	31
439	Crystallographic characterization of the conformation of the 1-aminocyclohexane-1-carboxylic acid residue in simple derivatives and peptides. Journal of the Chemical Society Perkin Transactions II, 1988, , 393.	0.9	28
440	Synthetic formyl-methionyl chemoattractants: A conformation-activity study of oxidized tripeptides. Peptides, 1988, 9, 1195-1205.	1.2	10
441	Long, Chiral Polypeptide 310-Helices at Atomic Resolution. Journal of Biomolecular Structure and Dynamics, 1988, 5, 803-817.	2.0	41
442	Methylene chlorideâ€soluble and insoluble ureines An Xâ€ray diffraction, infrared absorption, and proton magnetic resonance study. International Journal of Peptide and Protein Research, 1988, 31, 77-85.	0.1	9
443	Geometry and Conformation of the Î±â€Aminoisobutyric Acid Residue in Simple Derivatives and Dipeptides. Four New Xâ€ray Structural Analyses and a Statistical Analysis from Known Crystal Data. Liebigs Annalen Der Chemie, 1987, 1987, 1055-1060.	0.8	42
444	Conformational Transitions between Enantiomeric 310-Helices. Angewandte Chemie International Edition in English, 1987, 26, 1150-1152.	4.4	94
445	Structure, solubility and reactivity of peptides. International Journal of Peptide and Protein Research, 1987, 30, 232-239.	0.1	16
446	Conformational preferences and selfâ€association modes of two diastereomeric statine derivatives. International Journal of Peptide and Protein Research, 1987, 30, 583-595.	0.1	5
447	Linear oligopeptides. Part 147. Chemical and crystallographic study of the reaction between benzyloxycarbonyl chloride and Î±-aminoisobutyric acid. Journal of the Chemical Society Perkin Transactions II, 1986, , 1371-1376.	0.9	32
448	Intramolecularly hydrogen-bonded peptide conformations. Preferred crystal-state and solution conformations of N-monochloroacetylated glycines dialkylated at the Î±-carbon atom. Journal of the Chemical Society Perkin Transactions II, 1986, , 885-889.	0.9	22
449	Nuclear magnetic resonance of protamines. A 1H-NMR study of the interaction of clupeine fractions with mononucleotides. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1986, 866, 216-221.	2.4	1
450	Crystal structures of N-parabromobenzoyl-Î±-aminoisobutyric acid and two derivatives. Zeitschrift Fur Kristallographie - Crystalline Materials, 1986, 175, .	0.4	14

#	Article	IF	Citations
451	Vibrational circular dichroism of polypeptides, V. A study of 310-helical-octapeptides. Biopolymers, 1986, 25, 79-89.	1.2	83
452	Self-association and solubility of peptides: Solvent-titration study of N?-protected C-terminal sequences of substance P. Biopolymers, 1986, 25, 281-289.	1.2	19
453	A novel peptide conformation: First unequivocal observation of the oxy-analog of a ?-bend. Biopolymers, 1986, 25, 2237-2253.	1.2	31
454	Activated Amino Acids â€“ Structures of [Î±â€(Phthalimido)isobutyric] Anhydride, pentachlorophenyl Î±â€(tertâ€Butyloxycarbonylamino)isobutanoate, and Pentachlorophenyl Î±â€(Benzyloxycarbonylamino)isobutanoate. Liebigs Annalen Der Chemie, 1986, 1986, 1809-1822.	0.8	9
455	Structural Versatility of Homo-peptides from CÎ±,Î±-dialkylated Glycines. British Polymer Journal, 1986, 18, 221-225.	0.7	18
456	Molecular Structure of Peptaibol Antibiotics: Solution Conformation and Crystal Structure of the Octapeptide Corresponding to the 2â€“9 Sequence of Emerimicins III and IV. Journal of Biomolecular Structure and Dynamics, 1985, 3, 585-598.	2.0	26
457	Linear oligopeptides â€" effect of lengthening of the main chain by one tetrahedral carbon atom in the -Aib-l-Ala- sequence: a solid-state conformational analysis of segments of polypeptide antibiotics. International Journal of Biological Macromolecules, 1985, 7, 81-88.	3.6	26
458	Linear oligopeptides: peptaibol antibiotics â€" preferred conformation of the 2â€“9 segment of emerimicins III and IV and all related short sequences. International Journal of Biological Macromolecules, 1985, 7, 357-362.	3.6	5
459	Conformation of pleionomers of .alpha.-aminoisobutyric acid. Macromolecules, 1985, 18, 895-902.	2.2	197
460	Synthetic homoâ€oligomethionine chemoattractants. International Journal of Peptide and Protein Research, 1985, 26, 482-492.	0.1	10
461	Linear oligopeptides: c.d. and n.m.r. study of Dnp-pNA derivatives of Aib-containing tetrapeptides in a Î²-bend conformation. International Journal of Biological Macromolecules, 1984, 6, 35-40.	3.6	5
462	Linear oligopeptides. 118. Preferred conformations and modes of self-association of the fluoren-9-ylmethoxycarbonyl amino acid derivatives. Canadian Journal of Chemistry, 1984, 62, 2661-2666.	0.6	19
463	Structural requirements for formyl homooligopeptide chemoattractants. Biochemistry, 1984, 23, 698-704.	1.2	37
464	Folded and extended structures of homooligopeptides from .alpha.,.alpha.-dialkylated glycines. A conformational energy computation and x-ray diffraction study. Journal of the American Chemical Society, 1984, 106, 8146-8152.	6.6	95
465	Folded and extended structures of homooligopeptides from .alpha.,.alpha.-dialkylated .alpha.-amino acids. An infrared absorption and proton nuclear magnetic resonance study. Journal of the American Chemical Society, 1984, 106, 8152-8156.	6.6	71
466	Linear oligopeptides. 99. An infrared absorption method to titrate quantitatively the extent of self-association in peptides. Journal of the American Chemical Society, 1984, 106, 1455-1457.	6.6	15
467	Conformational analysis of linear peptides: 5. Spectroscopic characterization of Î²-turns in Aib-containing oligopeptides in chloroform. International Journal of Biological Macromolecules, 1984, 6, 179-188.	3.6	124
468	Chainâ€length dependence for secondary structure formation of homoâ€oligopep tides fromÎ¼â€tert.â€butyloxycarbonylâ€Lâ€lysine with a lipophilic Câ€terminal group. International Journal of Peptide and Protein Research, 1984, 23, 47-54.	0.1	5

#	Article	IF	Citations
469	Preferred conformations of peptides containing ?,?-disubstituted ?-amino acids. Biopolymers, 1983, 22, 205-215.	1.2	258
470	Solid-state geometry and conformation of linear, diastereoisomeric oligoprolines. Biopolymers, 1983, 22, 305-317.	1.2	77
471	Peptaibol antibiotics: Conformational preferences of synthetic emerimicin fragments. Biopolymers, 1983, 22, 1335-1356.	1.2	28
472	Self-association and solubility of peptides. An infrared absorption method for quantitative titration of the extent of self-association in poly(ethylene glycol)-bound peptides. Journal of the Chemical Society Chemical Communications, 1983, , 1298.	2.0	6
473	Chain-length dependence for secondary structure formation of poly(ethylene glycol)-bound homooligopeptides of .epsilon.-benzyloxycarbonyl-L-lysine in the solid state and in solution. Macromolecules, 1983, 16, 147-149.	2.2	27
474	First observation of a Î²-turn conformation fused with the oxy-analogue of an Î±-turn: The molecular structure of a model peptide of the C-terminal part of gramicidin A. Biochemical and Biophysical Research Communications, 1983, 112, 1056-1060.	1.0	4
475	Protected 1â€“3 segment of the peptaibol antibiotics alamethicin and hypelcin.. International Journal of Peptide and Protein Research, 1983, 22, 385-397.	0.1	13
476	Preferred conformation of the benzyloxycarbonylâ€amino group in peptides*. International Journal of Peptide and Protein Research, 1983, 21, 163-181.	0.1	96
477	Linear oligopeptides. 81. Solid-state and solution conformation of homooligo(.alpha.-aminoisobutyric) Tj ETQq1 1 0.784314 rgBT /Ov Society, 1982, 104, 2437-2444.	6.6	191
478	Linear oligopeptides. Part 85. Preferred conformations of linear homooligoprolines. N-tert-butyloxycarbonyl-D-prolyl-D-prolyl-L-proline. Macromolecules, 1982, 15, 54-59.	2.2	11
479	The 2-nitrophenylsulphenyl chromophoric derivative of the Î±-amino-group as a circular dichroism probe for the Î²-structure in oligo-tyrosine peptides. Journal of the Chemical Society Chemical Communications, 1982, , 1332-1333.	2.0	1
480	Preparation and Conformational Properties of Benzylpenicilloyl-oligo-L-lysine Conjugates. Helvetica Chimica Acta, 1982, 65, 1965-1971.	1.0	5
481	Cu(II)-protamine interaction. II. The formation and structure of Cu(II) complexes of clupeine YII and of peptides mimicking clupeine N-terminals. Biopolymers, 1982, 21, 1229-1243.	1.2	11
482	Conformation of linear homoâ€oligoprolines. International Journal of Peptide and Protein Research, 1982, 20, 312-319.	0.1	7
483	Title is missing!. Die Makromolekulare Chemie, 1981, 182, 1997-2005.	1.1	29
484	Title is missing!. Die Makromolekulare Chemie, 1981, 182, 2007-2014.	1.1	48
485	Title is missing!. Die Makromolekulare Chemie, 1981, 182, 3149-3162.	1.1	9
486	Cu(II)-Protamine interaction. I. The formation and structure of Cu(II)-clupeine Z complexes. Biopolymers, 1981, 20, 951-966.	1.2	7

#	Article	IF	Citations
487	Self-association of N-protected Î±-amino acids. Optically active and racemicN-tert-butyloxycarbonyl-alanine. Biopolymers, 1981, 20, 1635-1649.	1.2	17
488	PREPARATION AND CONFORMATIONAL STUDY OF CLUPEINE FRAGMENTS*. International Journal of Peptide and Protein Research, 1981, 17, 181-188.	0.1	6
489	Secondary structure prediction of fish protamines. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1980, 624, 420-427.	1.7	16
490	Linear oligopeptides: 65â€². Conformational analysis of the N-protected aromatic Î±-amino acid by X-ray diffraction and infrared absorption. International Journal of Biological Macromolecules, 1980, 2, 217-224.	3.6	20
491	Intramolecularly Hydrogen-Bonded Peptide Conformation. Critical Reviews in Biochemistry, 1980, 9, 1-44.	7.5	361
492	NMR study of the main components of clupeine and their possible interaction with nucleic acids. FEBS Letters, 1980, 110, 21-24.	1.3	10
493	Infrared Conformational Study of Poly(ethylene glycol)-Bound Homooligoglycines in the Solid State and in Solution. Macromolecules, 1980, 13, 772-774.	2.2	8
494	PREFERRED CONFORMATION OF THE tertâ€BUTOXYCARBONYLAMINO GROUP IN PEPTIDES. International Journal of Peptide and Protein Research, 1980, 16, 156-172.	0.1	158
495	Title is missing!. Die Makromolekulare Chemie, 1979, 180, 1293-1304.	1.1	36
496	Title is missing!. Die Makromolekulare Chemie, 1979, 180, 2095-2099.	1.1	9
497	13C Nuclear Magnetic Resonance of Protamines. The Three Main Components of Clupeine. FEBS Journal, 1979, 93, 13-21.	0.2	16
498	Protamines. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1979, 576, 429-439.	1.7	28
499	Conformations of poly(ethylene glycol) bound homooligo-L-alanines and -L-valines in aqueous solution. Journal of the American Chemical Society, 1979, 101, 450-454.	6.6	58
500	Linear Oligopeptides. 59. Stereochemical Analysis ofN-tert-Butyloxycarbonyl-L-prolylsarcosine and N-tert-Butyloxycarbonylsarcosylsarcosine in the Solid State and in Solution. Macromolecules, 1979, 12, 438-445.	2.2	9
501			

#	Article	IF	Citations
505	Title is missing!. Die Makromolekulare Chemie, 1978, 179, 1453-1463.	1.1	9
506	Structural Role of Valine and Isoleucine Residues in Proteins. A Proposal.. Macromolecules, 1978, 11, 437-438.	2.2	18
507	Solid-state infrared absorption spectra and chain arrangement in some synthetic homooligopeptides in the intermolecularly hydrogen-bonded pleated-sheet I²-conformation. Biopolymers, 1977, 16, 219-224.	1.2	148
508	Linear oligopeptides. XXVII. Contribution to the circular dichroism of internal peptide chromophores. Canadian Journal of Chemistry, 1976, 54, 70-76.	0.6	38
509	Title is missing!. Die Makromolekulare Chemie, 1976, 177, 1477-1492.	1.1	131
510	Conformational Studies of Equilibrium Structures in Fragments of Horse Heart Cytochrome c. FEBS Journal, 1975, 50, 367-374.	0.2	15
511	Title is missing!. Die Makromolekulare Chemie, 1975, 176, 2535-2545.	1.1	16
512	Title is missing!. Die Makromolekulare Chemie, 1975, 176, 2547-2558.	1.1	30
513	Conformational properties of homo-oligo (L-va1ine)s in solution. Comparison with isoleucines. Die Makromolekulare Chemie, 1974, 175, 2203-2207.	1.1	26
514	Sequential oligopeptides. Synthesis and characterization of the oligopeptides and a polypeptide with the repeating sequenceL-norvalyl-glycyl-L-proline. Biopolymers, 1974, 13, 1055-1066.	1.2	13
515	Sequential oligopeptides. Conformational studies of the oligopeptides and a polypeptide with the repeating sequenceL-norvalyl-glycyl-L-proline. Biopolymers, 1974, 13, 1067-1078.	1.2	12
516	Conformational properties of methionine homo-oligopeptides in solution. Biopolymers, 1974, 13, 2179-2190.	1.2	36
517	Phenylalanine oligopeptides. Bioorganic Chemistry, 1974, 3, 114-124.	2.0	17
518	Phenylalanine oligopeptides. Bioorganic Chemistry, 1974, 3, 125-132.	2.0	39
519	ON THE LIMITED PEPTIC DIGESTION OF HORSE HEART CYTOCHROME C. ISOLATION OF Câ€TERMINAL PEPTIDE SEQUENCES. International Journal of Peptide and Protein Research, 1974, 6, 145-148.	0.1	0
520	Selective cleavage of the single tryptophanyl peptide bond in horse heart cytochromec. FEBS Letters, 1973, 32, 139-142.	1.3	42
521	Probing the topography of proteins in solution by photosensitized oxidation. The catalytic region of papain. Journal of Molecular Biology, 1971, 59, 151-168.	2.0	15
522	Synthesis and optical studies of isoleucine oligopeptides in solution. Biopolymers, 1971, 10, 1707-1717.	1.2	36

#	Article	IF	Citations
523	Circular dichroism studies of isoleucine oligopeptides in solution. Biopolymers, 1971, 10, 1719-1730.	1.2	115
524	?-Carbonylamides in peptide chemistry. I. Optical rotatory properties ofN-acetoacetyl amino acids. Biopolymers, 1971, 10, 2275-2281.	1.2	5
525	?-carbonylamides in peptide chemistry. II. Ultraviolet absorption and circular dichroic properties of azlactones derived fromN-acetoacetyl amino acids. Biopolymers, 1971, 10, 2283-2297.	1.2	3
526	Circular dichroism of monocyclic and bicyclic lactones. Restricted and rigid model compounds for the ester chromophore. Journal of Organic Chemistry, 1970, 35, 6-10.	1.7	18
527	Conformational aspects of polypeptide structure. XXX. Rotatory properties of cyclic and bicyclic amides. Restricted and rigid model compounds for peptide chromophores. Journal of the American Chemical Society, 1969, 91, 1816-1822.	6.6	43
528	Conformational aspects of polypeptides. XXV. Solvent and temperature effects on the conformations of copolymers of benzyl and methylL-aspartate with nitrobenzylL-aspartate. Biopolymers, 1968, 6, 1579-1603.	1.2	73
529	Conformational studies of proteins with aromatic side-chain effects. Biopolymers, 1968, 6, 1673-1689.	1.2	69
530	Conformational aspects of polypeptides. XXIX. Conformationl assignments for some aromatic polypeptides by far-uv cotton effects. New results. Biopolymers, 1968, 6, 1691-1695.	1.2	24
531	Detection and determination of thiols. , 0, , 271-324.		1