Claudio Toniolo

List of Publications by Year
in descending order

531 papers	16,212 citations	19657 61 h-index	36028 97 g-index
556 all docs	556 docs citations	556 times ranked	7334 citing authors

#	Article	IF	Citations
1	Peptide Self-Assembled Nanostructures: From Models to Therapeutic Peptides. Nanomaterials, 2022, 12, 466.	4.1	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.	3.5	2
3	Probing the E/K Peptide Coiled-Coil Assembly by Double Electronâ€“Electron Resonance and Circular Dichroism. Biochemistry, 2021, 60, 19-30.	2.5	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.	2.5	1
5	Influence of the Câ€terminal substituent on the crystalâ€state conformation of Adm peptides. Peptide Science, 2020, 112, e24121.	1.8	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.	3.2	4
7	Insights into the Distance Dependence of Electron Transfer through Conformationally Constrained Peptides. ChemElectroChem, 2020, 7, 1225-1237.	3.4	8
8	Peptide Engineering Meetings (PEMs): Evolution from PEM6 to PEM8. Peptide Science, 2020, 112, e24131.	1.8	0
9	From Amherst (Massachusetts, USA) to Padua (Italy) and back again: Louis A. Carpino's scientifically productive journey. Peptide Science, 2020, 112, e24153.	1.8	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.	2.8	5
11	Electron spin echo detection of stochastic molecular librations: Non-cooperative motions on solid surface. Journal of Magnetic Resonance, 2019, 309, 106621.	2.1	5
12	Trichogin GA IV Alignment and Oligomerization in Phospholipid Bilayers. ChemBioChem, 2019, 20, 2141-2150.	2.6	10
13	Isolated Î±-turn and incipient Î³-helix. Chemical Science, 2019, 10, 6908-6914.	7.4	5
14	Heterochiral Ala/(Î±Me)Aze sequential oligopeptides: S ynthesis and conformational study. Journal of Peptide Science, 2019, 25, e3165.	1.4	1
15	Peptide antibiotic trichogin in model membranes: Self-association and capture of fatty acids. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 524-531.	2.6	17
16	The fullyâ€extended conformation in peptides and proteins. Peptide Science, 2018, 110, e23100.	1.8	12
17	Alamethicin self-assembling in lipid membranes: concentration dependence from pulsed EPR of spin labels. Physical Chemistry Chemical Physics, 2018, 20, 3592-3601.	2.8	9
18	<scp>F</scp>rom selfâ€assembled peptideâ€ynes to peptide polyacetylenes and polydiacetylenes. Peptide Science, 2018, 110, e24036.	1.8	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.	1.8	6
20	A novel peptide conformation: the Î³-bend ribbon. Organic and Biomolecular Chemistry, 2018, 16, 7947-7958.	2.8	6
21	Low-Temperature Dynamical Transition in Lipid Bilayers Detected by Spin-Label ESE Spectroscopy. Applied Magnetic Resonance, 2018, 49, 1369-1383.	1.2	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.	2.6	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.	1.8	5
24	The importance of being Aib. Aggregation and selfâ€assembly studies on conformationally constrained oligopeptides. Journal of Peptide Science, 2017, 23, 104-116.	1.4	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.	1.4	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.	2.6	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.	2.7	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.	3.2	6
29	Lightâ€driven topochemical polymerization under organogel conditions of a symmetrical dipeptideâ€“diacetylene system. Journal of Peptide Science, 2017, 23, 155-161.	1.4	3
30	Intramolecular backboneÂ·Â·Â·backbone hydrogen bonds in polypeptide conformations. The other way around: É›â€turn. Biopolymers, 2017, 108, e22911.	2.4	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.	2.4	3
32	Innovative chemical synthesis and conformational hints on the lipopeptide liraglutide. Journal of Peptide Science, 2016, 22, 471-479.	1.4	13
33	Alamethicin Supramolecular Organization in Lipid Membranes from 19F Solid-State NMR. Biophysical Journal, 2016, 111, 2450-2459.	0.5	28
34	Review conformation, selfâ€aggregation, and membrane interaction of peptaibols as studied by pulsed electron double resonance spectroscopy. Biopolymers, 2016, 106, 6-24.	2.4	26
35	Endothioxopeptides: A conformational overview. Biopolymers, 2016, 106, 697-713.	2.4	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.	2.8	1

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37	Conformational flexibility of aspartame. Biopolymers, 2016, 106, 376-384.	2.4	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.	1.2	20
39	An EPR study of ampullosporin A, a medium-length peptaibiotic, in bicelles and vesicles. Physical Chemistry Chemical Physics, 2016, 18, 749-760.	2.8	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.	2.7	19
41	Helical screwâ€sense preferences of peptides based on chiral, C^{Î±}â€tetrasubstituted Î±â€amino acids. Biopolymers, 2015, 104, 46-64.	2.4	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.	2.1	9
43	Peptide Î´â€Turn: Literature Survey and Recent Progress. Chemistry - A European Journal, 2015, 21, 13866-13877.	3.3	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.	2.4	6
45	Single and multiple peptide Î³-turns: literature survey and recent progress. New Journal of Chemistry, 2015, 39, 3208-3216.	2.8	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.	1.4	55
47	Peptide flatlandia: a new-concept peptide for positioning of electroactive probes in proximity to a metal surface. Nanoscale, 2015, 7, 15495-15506.	5.6	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.	2.1	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.	3.1	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.	2.4	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.	2.4	9
52	Conformation and EPR characterization of rigid, 3₁₀â€helical peptides with TOAC spin labels: Models for short distances. Biopolymers, 2014, 102, 244-251.	2.4	7
53	Mimicking Nature: A Novel Peptideâ€based Bioâ€inspired Approach for Solar Energy Conversion. ChemPhysChem, 2014, 15, 64-68.	2.1	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.	1.4	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.	2.4	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.	2.4	10
57	Photoresponsive Supramolecular Architectures Based on Polypeptide Hybrids. Macromolecules, 2014, 47, 7272-7283.	4.8	13
58	A single-residue substitution inhibits fibrillization of Ala-based pentapeptides. A spectroscopic and molecular dynamics investigation. Soft Matter, 2014, 10, 2508.	2.7	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.	2.5	19
60	Peptide Materials for Biomedicine and Nanotechnology. Journal of Peptide Science, 2014, 20, 451-452.	1.4	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.	1.4	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.	2.1	5
63	Interaction of hydrophobic and amphipathic antimicrobial peptides with lipid bicelles. Journal of Peptide Science, 2014, 20, 517-525.	1.4	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.	2.6	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.	2.4	14
66	New bisâ€ferrocenyl endâ€capped peptides: synthesis and charge transfer properties. Biopolymers, 2013, 100, 14-24.	2.4	15
67	Allâ€Thioamidated Homoâ€Î±â€Peptides: Synthesis and Conformation. European Journal of Organic Chemistry, 2013, 2013, 3455-3463.	2.4	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.	1.4	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.	2.1	7
70	3D Structure, Dynamics, and Activity of Synthetic Analog of the Peptaibiotic Trichodecenin I. Chemistry and Biodiversity, 2013, 10, 887-903.	2.1	7
71	Towards a Myriad of Peptaibiotics. Chemistry and Biodiversity, 2013, 10, 731-733.	2.1	22
72	Multiple, consecutive, fullyâ€extended 2.0₅â€helix peptide conformation. Biopolymers, 2013, 100, 621-636.	2.4	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.	3.3	1
74	Hydrophobic Aib/Ala peptides solubilize in water through formation of supramolecular assemblies. Polymer Journal, 2013, 45, 516-522.	2.7	6
75	Photocontrolled Selfâ€Assembly of a Bisâ€Azobenzeneâ€Containing Î±â€Amino Acid. Chemistry - A European Journal, 2013, 19, 15841-15846.	3.3	9
76	Peptide-based rotaxanes and catenanes: an emerging class of supramolecular chemistry systems. Biomolecular Concepts, 2012, 3, 183-192.	2.2	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.	1.6	4
78	Trichogin GA IV: A versatile template for the synthesis of novel peptaibiotics. Organic and Biomolecular Chemistry, 2012, 10, 1285-1299.	2.8	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.	2.8	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.	2.6	8
81	The Lipid Dependence of Antimicrobial Peptide Activity Is an Unreliable Experimental Test for Different Pore Models. Biochemistry, 2012, 51, 10124-10126.	2.5	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.	2.6	24
83	Antimicrobial lipopeptaibol trichogin GA IV: role of the three Aib residues on conformation and bioactivity. Amino Acids, 2012, 43, 1761-1777.	2.7	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.	2.2	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.	1.4	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.	2.6	46
87	A solvent-dependent peptide spring unraveled by 2D-NMR. Tetrahedron, 2012, 68, 4429-4433.	1.9	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.	2.4	15
89	Isovaline in naturally occurring peptides: A nondestructive methodology for configurational assignment. Biopolymers, 2012, 98, 36-49.	2.4	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.	2.6	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.	4.6	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.	2.6	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.	2.6	21
94	Chiral, fully extended helical peptides. Amino Acids, 2011, 41, 629-641.	2.7	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.	1.4	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.	1.4	7
97	Synthesis, preferred conformation, protease stability, and membrane activity of heptaibin, a mediumâ€length peptaibiotic. Journal of Peptide Science, 2011, 17, 585-594.	1.4	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.	2.4	3
99	Synthesis and Selfâ€Assembly of Oligo(pâ€phenylenevinylene) Peptide Conjugates in Water. Chemistry - A European Journal, 2011, 17, 2044-2047.	3.3	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.	3.3	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.	2.6	22
102	Hypersensitiveâ€Like Response to the Poreâ€Former Peptaibol Alamethicin in Arabidopsis Thaliana. ChemBioChem, 2010, 11, 2042-2049.	2.6	39
103	Electronic and vibrational signatures of peptide helical structures: A tribute to Anton Mario Tamburro. Chirality, 2010, 22, E30-9.	2.6	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.	3.3	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.	3.3	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.	2.1	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.	2.4	16
108	Peptide engineering meetings (PEMs): Genesis and evolution. Biopolymers, 2010, 94, iv-vi.	2.4	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.	3.2	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.	2.6	26
112	Vibrational Energy Transport through a Capping Layer of Appropriately Designed Peptide Helices over Gold Nanoparticles. Nano Letters, 2010, 10, 3057-3061.	9.1	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.	3.2	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.	2.8	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.	3.3	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.	3.3	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.	2.6	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.	2.6	18
124	The State of the Art of Chemical Biology. ChemBioChem, 2009, 10, 16-29.	2.6	41
125	A Rigid Helical Peptide Axle for a [2]Rotaxane Molecular Machine. Angewandte Chemie - International Edition, 2009, 48, 8986-8989.	13.8	34
126	Photocurrent generation in peptide-based self-assembled monolayers on gold electrodes. Superlattices and Microstructures, 2009, 46, 34-39.	3.1	17

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127	Trichogin GA IV: an antibacterial and proteaseâ€resistant peptide. Journal of Peptide Science, 2009, 15, 615-619.	1.4	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.	1.4	85
129	Editorial. Journal of Peptide Science, 2009, 15, 549-549.	1.4	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.	2.6	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.	2.6	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.	2.6	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.	0.5	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.	13.7	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.	2.6	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.	2.6	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.	1.6	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.	1.6	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.	1.6	1
140	First Homo-Peptides Undergoing a Reversible 310-Helix to Î±-Helix ransition. Advances in Experimental Medicine and Biology, 2009, , 49-50.	1.6	0
141	Photoinduced Intramolecular Covalent Bond Formation in Structurally Rigid -Bpa-(spacer)-Met Hexapeptides. Advances in Experimental Medicine and Biology, 2009, 611, 449-450.	1.6	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.	1.6	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.	1.6	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.	1.9	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.	1.4	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.	3.3	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.	2.4	6
149	C^{Î±}â€Methyl proline: A unique example of split personality. Biopolymers, 2008, 89, 465-470.	2.4	16
150	First homoâ€peptides undergoing a reversible 3₁₀â€helix/Î±â€helix transition: Critical mainâ€chain length. Biopolymers, 2008, 90, 567-574.	2.4	34
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