

Marco Crisma

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

240
papers

5,834
citations

41
h-index

60
g-index

246
ext. papers

6,047
ext. citations

5.1
avg, IF

5.01
L-index

#	Paper	IF	Citations
240	Photoresponsive Prion-Mimic Foldamer to Induce Controlled Protein Aggregation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5173-5178	16.4	3
239	Photoresponsive Prion-Mimic Foldamer to Induce Controlled Protein Aggregation. <i>Angewandte Chemie</i> , 2021 , 133, 5233-5238	3.6	0
238	From Amherst (Massachusetts, USA) to Padua (Italy) and back again: Louis A. Carpino's scientifically productive journey. <i>Peptide Science</i> , 2020 , 112, e24153	3	
237	Effect on the Conformation of a Terminally Blocked, α -Unsaturated β -Amino Acid Residue Induced by Carbon Methylation. <i>Journal of Organic Chemistry</i> , 2020 , 85, 1513-1524	4.2	2
236	Influence of the C-terminal substituent on the crystal-state conformation of Adm peptides. <i>Peptide Science</i> , 2020 , 112, e24121	3	1
235	Isolated β -turn and incipient β -helix. <i>Chemical Science</i> , 2019 , 10, 6908-6914	9.4	4
234	Tunable E- Z Photoisomerization in β -Peptide Foldamers Featuring Multiple (E/ Z)-3-Aminoprop-2-enoic Acid Units. <i>Organic Letters</i> , 2019 , 21, 4182-4186	6.2	5
233	Heterochiral Ala/(Me)Aze sequential oligopeptides: Synthesis and conformational study. <i>Journal of Peptide Science</i> , 2019 , 25, e3165	2.1	1
232	Anticancer Gold(III) Peptidomimetics: From Synthesis to in vitro and ex vivo Biological Evaluations. <i>ChemMedChem</i> , 2018 , 13, 1131-1145	3.7	17
231	The fully-extended conformation in peptides and proteins. <i>Peptide Science</i> , 2018 , 110, e23100	3	5
230	Intrinsically Photoswitchable β -Peptides toward Two-State Foldamers. <i>Angewandte Chemie</i> , 2018 , 130, 10374-10377	3.6	2
229	β -Aminocarbonates in Regioselective and Ring Expansion Reactions. <i>Journal of Organic Chemistry</i> , 2018 , 83, 236-243	4.2	7
228	A novel peptide conformation: the β -end ribbon. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 7947-7958	3.9	5
227	Intrinsically Photoswitchable β -Peptides toward Two-State Foldamers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10217-10220	16.4	9
226	En route towards the peptide β -helix: X-ray diffraction analyses and conformational energy calculations of Adm-rich short peptides. <i>Journal of Peptide Science</i> , 2017 , 23, 346-362	2.1	8
225	Tuning morphological architectures generated through living supramolecular assembly of a helical foldamer end-capped with two complementary nucleobases. <i>Soft Matter</i> , 2017 , 13, 4231-4240	3.6	8
224	Hydrogen-Bond-Assisted, Concentration-Dependent Molecular Dimerization of Ferrocenyl Hydantoins. <i>Organometallics</i> , 2017 , 36, 2190-2197	3.8	3

223	Effects of Aib residues insertion on the structural-functional properties of the frog skin-derived peptide esculentin-1a(1-21)NH. <i>Amino Acids</i> , 2017 , 49, 139-150	3.5	12
222	Intramolecular backbone-backbone hydrogen bonds in polypeptide conformations. The other way around: e-turn. <i>Biopolymers</i> , 2017 , 108, e22911	2.2	6
221	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. <i>Soft Matter</i> , 2016 , 12, 238-45	3.6	17
220	Helical Foldamers Incorporating Photoswitchable Residues for Light-Mediated Modulation of Conformational Preference. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8007-18	16.4	44
219	1,3-Oxazinan-2-ones via carbonate chemistry: a facile, high yielding synthetic approach. <i>Pure and Applied Chemistry</i> , 2016 , 88, 227-237	2.1	9
218	Endothiopeptides: A conformational overview. <i>Biopolymers</i> , 2016 , 106, 697-713	2.2	3
217	New naphthoquinone derivatives against glioma cells. <i>European Journal of Medicinal Chemistry</i> , 2015 , 96, 458-66	6.8	16
216	Peptide flatlandia: a new-concept peptide for positioning of electroactive probes in proximity to a metal surface. <i>Nanoscale</i> , 2015 , 7, 15495-506	7.7	11
215	Charge Transfer Properties of Benzo[b]thiophene Ferrocenyl Complexes. <i>Organometallics</i> , 2015 , 34, 4451-4463	3.8	9
214	Helical screw-sense preferences of peptides based on chiral, C ₂ -tetrasubstituted α -amino acids. <i>Biopolymers</i> , 2015 , 104, 46-64	2.2	61
213	Peptide Turn: Literature Survey and Recent Progress. <i>Chemistry - A European Journal</i> , 2015 , 21, 13866-77.8	7.8	12
212	Azacrown Ethers from Mustard Carbonate Analogues. <i>ChemPlusChem</i> , 2015 , 80, 471-474	2.8	9
211	Single and multiple peptide Turns: literature survey and recent progress. <i>New Journal of Chemistry</i> , 2015 , 39, 3208-3216	3.6	21
210	Handedness preference and switching of peptide helices. Part II: Helices based on noncoded α -amino acids. <i>Journal of Peptide Science</i> , 2015 , 21, 148-77	2.1	43
209	A Quaternary Nitronyl Nitroxide α -Amino Acid: Synthesis, Configurational and Conformational Assignments, and Physicochemical Properties. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1741-1752	3.2	5
208	Photoresponsive Supramolecular Architectures Based on Polypeptide Hybrids. <i>Macromolecules</i> , 2014 , 47, 7272-7283	5.5	11
207	Charge Transfer Properties in Cyclopenta[l]phenanthrene Ferrocenyl Complexes. <i>Organometallics</i> , 2014 , 33, 1135-1143	3.8	9
206	Solution synthesis, conformational analysis, and antimicrobial activity of three alamethicin F50/5 analogs bearing a trifluoroacetyl label. <i>Chemistry and Biodiversity</i> , 2014 , 11, 1163-91	2.5	5

205	The 2.0 π helix in hetero-oligopeptides entirely composed of C α -disubstituted glycines with both side chains longer than methyls. <i>Biopolymers</i> , 2014 , 102, 145-58	2.2	10
204	Conformation and EPR characterization of rigid, 310 -helical peptides with TOAC spin labels: Models for short distances. <i>Biopolymers</i> , 2014 , 102, 244-51	2.2	4
203	Handedness preference and switching of peptide helices. Part I: Helices based on protein amino acids. <i>Journal of Peptide Science</i> , 2014 , 20, 307-22	2.1	45
202	A new isoluminol reagent for chemiluminescence labeling of proteins. <i>Tetrahedron Letters</i> , 2013 , 54, 4446-4450	2	2
201	All-Thioamidated Homo- β -Peptides: Synthesis and Conformation. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3455-3463	3.2	12
200	Multiple, consecutive, fully-extended 2.0 π helix peptide conformation. <i>Biopolymers</i> , 2013 , 100, 621-36	2.2	36
199	Hydrophobic Aib/Ala peptides solubilize in water through formation of supramolecular assemblies. <i>Polymer Journal</i> , 2013 , 45, 516-522	2.7	5
198	A solvent-dependent peptide spring unraveled by 2D-NMR. <i>Tetrahedron</i> , 2012 , 68, 4429-4433	2.4	15
197	Looking for a Robust, Synthetic, Fully-Extended (2.05-Helical) Peptide Structure [Effect of Terminal Groups. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 167-174	3.2	15
196	Isovaline in naturally occurring peptides: A nondestructive methodology for configurational assignment. <i>Biopolymers</i> , 2012 , 98, 36-49	2.2	17
195	2-Amino-1,2,3,6-tetrahydro-6-oxocyclopenta[c]fluorene-2-carboxylic Acid (FlAib), a Completely Rigidified, Fluorene-9-one-Based β -Amino Acid. <i>Helvetica Chimica Acta</i> , 2012 , 95, 2446-2459	2	4
194	(+)-syn-Benzotriborneol an enantiopure C $_3$ -symmetric receptor for water. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 2464-9	3.9	8
193	Novel peptide foldameric motifs: a step forward in our understanding of the fully-extended conformation/3(10)-helix coexistence. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 2413-21	3.9	24
192	Factors governing the conformational tendencies of C α -methylated β -amino acids: chirality and side-chain size effects. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 13297-307	3.4	8
191	Rational design of gold(III)-dithiocarbamate peptidomimetics for the targeted anticancer chemotherapy. <i>Journal of Inorganic Biochemistry</i> , 2012 , 117, 248-60	4.2	32
190	Antimicrobial lipopeptaibol trichogin GA IV: role of the three Aib residues on conformation and bioactivity. <i>Amino Acids</i> , 2012 , 43, 1761-77	3.5	24
189	Peptide-based rotaxanes and catenanes: an emerging class of supramolecular chemistry systems. <i>Biomolecular Concepts</i> , 2012 , 3, 183-92	3.7	2
188	Chiral, fully extended helical peptides. <i>Amino Acids</i> , 2011 , 41, 629-41	3.5	30

187	Photocurrent generation through peptide-based self-assembled monolayers on a gold surface: antenna and junction effects. <i>Journal of Peptide Science</i> , 2011 , 17, 124-31	2.1	22
186	Synthesis and self-assembly of oligo(p-phenylenevinylene) peptide conjugates in water. <i>Chemistry - A European Journal</i> , 2011 , 17, 2044-7	4.8	37
185	Bis(azobenzene)-based photoswitchable, prochiral, C ₂ -tetrasubstituted α -amino acids for nanomaterials applications. <i>Chemistry - A European Journal</i> , 2011 , 17, 12606-11	4.8	9
184	In silico interpretation of cw-ESR at 9 and 95 GHz of mono- and bis- TOAC-labeled Aib-homopeptides in fluid and frozen acetonitrile. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 13026-36	3.4	4
183	A new tool for photoaffinity labeling studies: a partially constrained, benzophenone based, α -amino acid. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 3281-6	3.9	10
182	Total synthesis, characterization, and conformational analysis of the naturally occurring hexadecapeptide integramide A and a diastereomer. <i>Chemistry - A European Journal</i> , 2010 , 16, 316-27	4.8	18
181	Photoinduced intramolecular macrocyclization reaction between a Bpa and a Met residue in a helical peptide: 3D structures of the diastereomeric products. <i>Chemistry - A European Journal</i> , 2009 , 15, 67-70	4.8	13
180	Is the backbone conformation of C(α)-methyl proline restricted to a single region?. <i>Chemistry - A European Journal</i> , 2009 , 15, 8015-25	4.8	33
179	A rigid helical peptide axle for a [2]rotaxane molecular machine. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8986-9	16.4	29
178	Vibrational energy transport in peptide helices after excitation of C-D modes in Leu-d ₁₀ . <i>Journal of Physical Chemistry B</i> , 2009 , 113, 13393-7	3.4	48
177	Conformationally controlled, thymine-based α -nucleopeptides. <i>Chemical Communications</i> , 2009 , 3178-80	5.8	5
176	Dynamical transition in a small helical peptide and its implication for vibrational energy transport. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 13405-9	3.4	41
175	First Homo-Peptides Undergoing a Reversible 3 ₁₀ -Helix to α -Helix transition. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 49-50	3.6	
174	Synthesis and 3D-structure of conformationally controlled nucleo-peptides. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 37-8	3.6	
173	Spectroscopic characterization of the fully-extended, planar, peptide 2.0(5)-helix based on chiral, C α -ethylated, α -amino acids. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 45-6	3.6	1
172	Structural flexibility of a helical peptide regulates vibrational energy transport properties. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 15487-92	3.4	50
171	Energy transport in peptide helices: a comparison between high- and low-energy excitations. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 9091-9	3.4	88
170	N-Methylation of N α -Acetylated, Fully C α -Ethylated, Linear Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2008 , 14, 307-314	2.1	4

169	C(alpha)-methyl proline: a unique example of split personality. <i>Biopolymers</i> , 2008 , 89, 465-70	2.2	16
168	Correlation between symmetry breaker position and the preferences of conformationally constrained homopeptides: a molecular dynamics investigation. <i>Biopolymers</i> , 2008 , 90, 695-706	2.2	15
167	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 amino acid. <i>Tetrahedron</i> , 2008 , 64, 4416-4426	2.4	5
166	Peptide alpha/3(10)-helix dimorphism in the crystal state. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15471-3	16.4	46
165	Slow tert-butyl ester acidolysis and peptide 3(10)-helix to alpha-helix transition in HFIP solution. <i>Biopolymers</i> , 2007 , 88, 233-8	2.2	17
164	Crystal structure of a spin-labeled, channel-forming alamethicin analogue. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2047-50	16.4	39
163	Conformational analysis of TOAC-labelled alamethicin F50/5 analogues. <i>Chemistry and Biodiversity</i> , 2007 , 4, 1256-68	2.5	20
162	Supramolecular structure of self-assembling alamethicin analog studied by ESR and PELDOR. <i>Chemistry and Biodiversity</i> , 2007 , 4, 1275-98	2.5	21
161	Synthesis of Enantiomerically Pure cis- and trans-4-Amino-1-oxyl-2,2,6,6-tetramethylpiperidine-3-carboxylic Acid: A Spin-Labelled, Cyclic, Chiral Amino Acid, and 3D-Structural Analysis of a Doubly Spin-Labelled Hexapeptide. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 3133-3144	3.2	14
160	Crystal-state 3D-structural characterization of novel, Aib-based, turn and helical peptides. <i>Journal of Peptide Science</i> , 2007 , 13, 190-205	2.1	19
159	Facile and E-selective intramolecular ring-closing metathesis reactions in 3(10)-helical peptides: a 3D structural study. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6986-7	16.4	71
158	Energy transport in peptide helices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12749-54	11.5	157
157	Unraveling solvent-driven equilibria between alpha- and 3(10)-helices through an integrated spin labeling and computational approach. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11248-58	16.4	39
156	Peptide helices based on alpha-amino acids. <i>Biopolymers</i> , 2006 , 84, 3-12	2.2	124
155	Handedness control of peptide helices by amino acid side-chain chirality: Ile/alle peptides. <i>Biopolymers</i> , 2006 , 84, 490-501	2.2	17
154	N-methylation of N(alpha)-acylated, fully C(alpha)-methylated, linear, folded peptides: synthetic and conformational aspects. <i>Biopolymers</i> , 2006 , 84, 553-65	2.2	13
153	Chiral, Enantiopure Aluminum(III) and Titanium(IV) Azatranes. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1032-1040	2.3	10
152	Benzotriazole complexes with amines and phenol: cooperativity mediated by induction effects in the crystal state. <i>Organic Letters</i> , 2006 , 8, 1577-9	6.2	5

151	A helical, aromatic, peptide nanotube. <i>Organic Letters</i> , 2006 , 8, 6091-4	6.2	23
150	Synthesis of linear and cyclic homo-peptides based on a binaphthyl amino acid with only axial chirality. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 30-39		4
149	On the orange color of Z-Trp-ONPo. <i>Chemical Biology and Drug Design</i> , 2005 , 65, 15-22		2
148	Preferred 3D-structure of peptides rich in a severely conformationally restricted cyclopropane analogue of phenylalanine. <i>Chemistry - A European Journal</i> , 2005 , 12, 251-60	4.8	19
147	Turn and helical peptide handedness governed exclusively by side-chain chiral centers. <i>Journal of the American Chemical Society</i> , 2005 , 127, 2036-7	16.4	58
146	A topographically and conformationally constrained, spin-labeled, alpha-amino acid: crystallographic characterization in peptides. <i>Chemical Biology and Drug Design</i> , 2005 , 65, 564-79		32
145	Linear configuration of the spins of a stable trinitroxide radical based on a ternary helical peptide. <i>ChemPhysChem</i> , 2005 , 6, 1472-5	3.2	8
144	Turn stabilization in short peptides by C(alpha)-methylated alpha-amino acids. <i>Biopolymers</i> , 2005 , 80, 279-93	2.2	23
143	"Hexacarboxytrindanes": benzene rings with homotopic faces as scaffolds for the construction of D3 chiral architectures. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7435-9	16.4	8
142	Stereoselective acylation of a racemic amine with C(alpha)-methyl phenylglycine-based dipeptide 5(4H)-oxazolones. <i>Chirality</i> , 2005 , 17, 481-7	2.1	16
141	Induced axial chirality in the biphenyl core of the proatropoisomeric, C alpha-tetrasubstituted alpha-amino acid residue Bip in peptides. <i>Chemistry - A European Journal</i> , 2005 , 11, 6921-9	4.8	30
140	Peptide Bend and 3 10 -Helix: from 3D-Structural Studies to Applications as Templates. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005 , 51, 121-136		27
139	Tris-Annulated Benzenes Selectively Perfunctionalized on One Side Only: Hexachlorobenzotrindane as a Versatile Scaffold for the Construction of Molecular Domes. <i>Synlett</i> , 2005 , 2005, 1125-1128	2.2	9
138	New tools for the control of peptide conformation: the helicogenic C α -methyl, C α -cyclohexylglycine. <i>Chemical Biology and Drug Design</i> , 2004 , 63, 161-70		8
137	A study of a C α , β -didehydroalanine homo-oligopeptide series in the solid-state by ^{13}C cross-polarization magic angle spinning NMR. <i>Journal of Peptide Science</i> , 2004 , 10, 336-41	2.1	8
136	Direct observation of intramolecular hydrogen bonds in peptide 3(10) helices by $(3\text{h})\text{J}(\text{N},\text{C}\beta)$ scalar couplings. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 3152-5	16.4	9
135	Meteoritic C α -methylated alpha-amino acids and the homochirality of life: searching for a link. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6695-9	16.4	27
134	Molecular spacers for physicochemical investigations based on novel helical and extended peptide structures. <i>Biopolymers</i> , 2004 , 76, 162-76	2.2	65

133	Total Synthesis of Sequential Retro-Peptide Oligomers. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 4188-4196	3.2	7
132	Benzophenone photophore flexibility and proximity: molecular and crystal-state structure of a Bpa-containing trichogin dodecapeptide analogue. <i>ChemBioChem</i> , 2004 , 5, 541-4	3.8	18
131	Recent contributions of electronic circular dichroism to the investigation of oligopeptide conformations. <i>Chirality</i> , 2004 , 16, 388-97	2.1	23
130	Exploring new dipeptides based on phenylglycine and C ^β -methyl phenylglycine as hosts in inclusion resolutions. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 1919-1927		9
129	Diastereoselective synthesis of 5-(alditol-1-C-yl)-hydantoins and their use as precursors of polyhydroxylated α-amino acids. <i>Tetrahedron Letters</i> , 2004 , 45, 1047-1050	2	10
128	Synthesis and characterization of a series of homooligopeptide peroxyesters. <i>Organic Letters</i> , 2004 , 6, 2753-6	6.2	7
127	Synthesis of 1-(m-Hydroxybenzyl)-Substituted 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid Derivatives as Opioid Peptide Mimetics [Unexpected Amide Bond Cleavages under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 3300-3307	3.2	7
126	Folding of peptides characterized by c ³ Val, a highly constrained analogue of valine. <i>Biopolymers</i> , 2003 , 68, 178-91	2.2	7
125	N-benzhydryl-glycolamide: the first protecting group in peptide synthesis with a strong conformational bias. <i>Biopolymers</i> , 2003 , 71, 17-27	2.2	5
124	New tools for the control of peptide conformation and supramolecular chemistry: crown-carrier, C(α)-methyl L-DOPA amino acids. <i>Biopolymers</i> , 2003 , 71, 667-74	2.2	8
123	4-Amino-1-oxyl-2,2,6,6-tetramethylpiperidine-3-carboxylic acid (TFOAC), the first spin-labelled, cyclic, chiral β-amino acid resolved in an enantiomerically pure state. <i>Tetrahedron Letters</i> , 2003 , 44, 3381-3384	2	20
122	Crystal-state 3D-structural characterization of novel 3(10)-helical peptides. <i>Journal of Peptide Science</i> , 2003 , 9, 620-37	2.1	14
121	Trichogin: a paradigm for lipopeptaibols. <i>Journal of Peptide Science</i> , 2003 , 9, 679-89	2.1	78
120	Disruption of the beta-sheet structure of a protected pentapeptide, related to the beta-amyloid sequence 17-21, induced by a single, helicogenic C(α)-tetrasubstituted alpha-amino acid. <i>Journal of Peptide Science</i> , 2003 , 9, 461-6	2.1	31
119	Self-assembling and membrane modifying properties of a lipopeptaibol studied by CW-ESR and PELDOR spectroscopies. <i>Journal of Peptide Science</i> , 2003 , 9, 690-700	2.1	20
118	C ^β Methyl, C ^β H-Propylglycine Homo-oligomers. <i>Macromolecules</i> , 2003 , 36, 8164-8170	5.5	15
117	Structural modifications of the permeability transition pore complex in resealed mitochondria induced by matrix-entrapped disaccharides. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 410, 155-60	4.1	16
116	Nitroxyl peptides as catalysts of enantioselective oxidations. <i>Chemistry - A European Journal</i> , 2002 , 8, 84-93	4.8	44

115	A helical peptide receptor for [60]fullerene. <i>Chemistry - A European Journal</i> , 2002 , 8, 1544-53	4.8	18
114	Pseudopeptide foldamers: the homo-oligomers of pyroglutamic acid. <i>Chemistry - A European Journal</i> , 2002 , 8, 2516-25	4.8	51
113	Zinc(II) as an allosteric regulator of liposomal membrane permeability induced by synthetic template-assembled tripodal polypeptides. <i>Chemistry - A European Journal</i> , 2002 , 8, 2753-63	4.8	26
112	Serendipitous Discovery of Peptide Dialkyl Peroxides. <i>Helvetica Chimica Acta</i> , 2002 , 85, 3099-3112	2	14
111	Synthesis, conformational analysis, and spectroscopic characterization of peptides based on Daf, the first rigid transition-metal receptor, cyclic C(alpha,alpha)-disubstituted glycine. <i>Biopolymers</i> , 2002 , 63, 314-24	2.2	9
110	Factors governing 3(10)-helix vs alpha-helix formation in peptides: percentage of C(alpha)-tetrasubstituted alpha-amino acid residues and sequence dependence. <i>Biopolymers</i> , 2002 , 64, 236-45	2.2	21
109	Discriminating 3(10)- from alpha-helices: vibrational and electronic CD and IR absorption study of related Aib-containing oligopeptides. <i>Biopolymers</i> , 2002 , 65, 229-43	2.2	80
108	Reactive intermediates in peptide synthesis. ortho-Nitrophenyl Nalpha-para-toluenesulfonyl-alpha-aminoisobutyrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, O215-7		1
107	Reactive intermediates in peptide synthesis: the N-oxysuccinimido ester of Nalpha-para-toluenesulfonyl-alpha-aminoisobutyric acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, o275-6		3
106	Probing structural requirements of fMLP receptor: on the size of the hydrophobic pocket corresponding to residue 2 of the tripeptide. <i>Journal of Peptide Science</i> , 2002 , 8, 56-65	2.1	8
105	Peptoid residues and beta-turn formation. <i>Journal of Peptide Science</i> , 2002 , 8, 241-52	2.1	34
104	X-ray Diffraction Analysis and Conformational Energy Computations of β -Turn and 3(10)-Helical Peptides Based on β -Amino Acids with an Olefinic Side Chain. Implications for Ring-Closing Metathesis. <i>Macromolecules</i> , 2002 , 35, 4204-4209	5.5	15
103	Insights into the free-energy dependence of intramolecular dissociative electron transfers. <i>Journal of the American Chemical Society</i> , 2002 , 124, 11503-13	16.4	36
102	(β -Me)H γ v: chemo-enzymatic synthesis, and preparation and preferred conformation of model depsipeptides. <i>Perkin Transactions II RSC</i> , 2002 , 644-651		6
101	Solution structure, dimerization, and dynamics of a lipophilic alpha/3(10)-helical, C-alpha-methylated peptide. Implications for folding of membrane proteins. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6678-86	16.4	31
100	Lipopeptaibols, a novel family of membrane active, antimicrobial peptides. <i>Cellular and Molecular Life Sciences</i> , 2001 , 58, 1179-88	10.3	120
99	Ac10c: a medium-ring, cycloaliphatic C-alpha,alpha-disubstituted glycine. Incorporation into model peptides and preferred conformation. <i>Chemical Biology and Drug Design</i> , 2001 , 57, 307-15		13
98	Analogues of the antimicrobial peptide trichogin having opposite membrane properties. <i>FEBS Journal</i> , 2001 , 268, 703-12		23

97	Partial [alphaMe]Aun scan of [L-Leu11-OMe]-trichogin GA IV, a membrane active synthetic precursor of the natural lipopeptaibol. <i>Chemical Biology and Drug Design</i> , 2001 , 58, 317-24		7
96	C(alpha)-hydroxymethyl methionine: synthesis, optical resolution and crystal structure of its (+)-N(alpha)-benzoyl derivative. <i>Journal of Peptide Science</i> , 2001 , 7, 619-25	2.1	6
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