

# Marco Crisma

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8881541/marco-crisma-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Energy transport in peptide helices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 12749-54	11.5	157
239	Conformational Characterization of Terminally Blocked L-(Me)Val Homopeptides Using Vibrational and Electronic Circular Dichroism. 310-Helical Stabilization by Peptide-Peptide Interaction. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 10278-10285	16.4	127
238	Peptide helices based on alpha-amino acids. <i>Biopolymers</i> , <b>2006</b> , 84, 3-12	2.2	124
237	Structure determination of racemic trichogin A IV using centrosymmetric crystals. <i>Nature Structural and Molecular Biology</i> , <b>1994</b> , 1, 908-14	17.6	124
236	Lipopeptaibols, a novel family of membrane active, antimicrobial peptides. <i>Cellular and Molecular Life Sciences</i> , <b>2001</b> , 58, 1179-88	10.3	120
235	ESR Characterization of Hexameric, Helical Peptides Using Double TOAC Spin Labeling. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 7618-7625	16.4	109
234	TOAC, a nitroxide spin-labeled, achiral C-tetrasubstituted amino acid, is an excellent tool in material science and biochemistry <b>1998</b> , 47, 153-158		106
233	Synthesis and conformational studies of peptides containing TOAC, a spin-labelled C alpha, alpha-disubstituted glycine. <i>Journal of Peptide Science</i> , <b>1995</b> , 1, 45-57	2.1	99
232	Energy transport in peptide helices: a comparison between high- and low-energy excitations. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 9091-9	3.4	88
231	Characterization at atomic resolution of peptide helical structures. <i>Biopolymers</i> , <b>1992</b> , 32, 453-6	2.2	87
230	Effect of N-Acyl Chain Length on the Membrane-Modifying Properties of Synthetic Analogs of the Lipopeptaibol Trichogin GA IV. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 4952-4958	16.4	84
229	Peptide Helices as Rigid Molecular Rulers: A Conformational Study of Isotactic Homopeptides from N-Methyl-isopropylglycine, [L-(Me)Val] <sub>n</sub> . <i>Chemistry - A European Journal</i> , <b>1996</b> , 2, 1104-1111	4.8	82
228	Discriminating 3(10)- from alpha-helices: vibrational and electronic CD and IR absorption study of related Aib-containing oligopeptides. <i>Biopolymers</i> , <b>2002</b> , 65, 229-43	2.2	80
227	The longest, regular polypeptide 3(10) helix at atomic resolution. <i>Journal of Molecular Biology</i> , <b>1990</b> , 214, 633-5	6.5	80
226	Trichogin: a paradigm for lipopeptaibols. <i>Journal of Peptide Science</i> , <b>2003</b> , 9, 679-89	2.1	78
225	Orientation and immersion depth of a helical lipopeptaibol in membranes using TOAC as an ESR probe. <i>Biopolymers</i> , <b>1999</b> , 50, 239-53	2.2	78
224	Distinguishing Helix Conformations in Alanine-Rich Peptides Using the Unnatural Amino Acid TOAC and Electron Spin Resonance. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 271-272	16.4	77

223	A Bimetallic Helical Heptapeptide as a Transphosphorylation Catalyst in Water. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 6948-6949	16.4	74
222	The secondary structure of a membrane-modifying peptide in a supramolecular assembly studied by PELDOR and CW-ESR spectroscopies. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 3784-9	16.4	73
221	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> , <b>2007</b> , 129, 6986-7	16.4	71
220	Molecular spacers for physicochemical investigations based on novel helical and extended peptide structures. <i>Biopolymers</i> , <b>2004</b> , 76, 162-76	2.2	65
219	Determining the occurrence of a 3(10)-helix and an alpha-helix in two different segments of a lipopeptaibol antibiotic using TOAC, a nitroxide spin-labeled C(alpha)-tetrasubstituted alpha-amino acid. <i>Bioorganic and Medicinal Chemistry</i> , <b>1999</b> , 7, 119-31	3.4	64
218	Self-Assembling Properties of Membrane-Modifying Peptides Studied by PELDOR and CW-ESR Spectroscopies. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 3843-3848	16.4	63
217	Helical screw-sense preferences of peptides based on chiral, C $\alpha$ -tetrasubstituted $\alpha$ -amino acids. <i>Biopolymers</i> , <b>2015</b> , 104, 46-64	2.2	61
216	Flat Peptides. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 3272-3278	16.4	59
215	Turn and helical peptide handedness governed exclusively by side-chain chiral centers. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 2036-7	16.4	58
214	Concomitant Occurrence of Peptide 310- and $\alpha$ -Helices Probed by NMR. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 11735-11736	16.4	53
213	Pseudopeptide foldamers: the homo-oligomers of pyroglutamic acid. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 2516-25	4.8	51
212	Structural flexibility of a helical peptide regulates vibrational energy transport properties. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 15487-92	3.4	50
211	Structural versatility of peptides containing C $\alpha$ , $\alpha$ -dialkylated glycines. An X-ray diffraction study of six 1-aminocyclopropane-1-carboxylic acid rich peptides. <i>International Journal of Biological Macromolecules</i> , <b>1989</b> , 11, 353-60	7.9	50
210	Vibrational energy transport in peptide helices after excitation of C-D modes in Leu-d10. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 13393-7	3.4	48
209	Peptide $\alpha$ /3(10)-helix dimorphism in the crystal state. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 15471-3	16.4	46
208	First Step Toward the Quantitative Identification of Peptide 310-Helix Conformation with NMR Spectroscopy: $^1$ H-NMR and X-ray Diffraction Structural Analysis of a Fully-Developed 310-Helical Peptide Standard. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 4763-4770	16.4	46
207	Characterization of beta-bend ribbon spiral forming peptides using electronic and vibrational CD. <i>Biopolymers</i> , <b>1995</b> , 35, 103-11	2.2	46
206	Handedness preference and switching of peptide helices. Part I: Helices based on protein amino acids. <i>Journal of Peptide Science</i> , <b>2014</b> , 20, 307-22	2.1	45

205	Helical Foldamers Incorporating Photoswitchable Residues for Light-Mediated Modulation of Conformational Preference. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8007-18	16.4	44
204	Nitroxyl peptides as catalysts of enantioselective oxidations. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 84-93	4.8	44
203	Handedness preference and switching of peptide helices. Part II: Helices based on noncoded amino acids. <i>Journal of Peptide Science</i> , <b>2015</b> , 21, 148-77	2.1	43
202	Bioactive and model peptides characterized by the helicogenic (Me)Phe residue. <i>Tetrahedron</i> , <b>1993</b> , 49, 3641-3653	2.4	43
201	Structural versatility of peptides from C <sub>α</sub> -alkylated glycines: a conformational energy calculation and X-ray diffraction study of homopeptides from 1-aminocyclopentane-1-carboxylic acid. <i>International Journal of Biological Macromolecules</i> , <b>1988</b> , 10, 292-299	7.9	43
200	Preferred conformation of peptides rich in alicyclic C <sub>α</sub> -disubstituted glycines <b>1996</b> , 40, 519-522		42
199	Dynamical transition in a small helical peptide and its implication for vibrational energy transport. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 13405-9	3.4	41
198	The antimicrobial peptide trichogin and its interaction with phospholipid membranes. <i>FEBS Journal</i> , <b>1999</b> , 266, 1021-8		40
197	Crystal structure of a spin-labeled, channel-forming alamethicin analogue. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2047-50	16.4	39
196	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> , <b>2007</b> , 129, 11248-58	16.4	39
195	Alpha-beta-dehydro-amino acid residues in the design of peptide structures. Molecular and crystal structures of two folded dehydro peptides. <i>International Journal of Biological Macromolecules</i> , <b>1992</b> , 14, 23-8	7.9	39
194	The p-bromobenzamido chromophore as a circular dichroic probe for the assignment of the screw sense of helical peptides. <i>Tetrahedron: Asymmetry</i> , <b>1994</b> , 5, 507-510		38
193	Linear oligopeptides. Part 227. X-Ray crystal and molecular structures of two helix-forming (Aib-L-Ala) <sub>n</sub> sequential oligopeptides, pBrBz-(Aib-L-Ala) <sub>5</sub> -OMe and pBrBz-(Aib-L-Ala) <sub>6</sub> -OMe. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1990</b> , 1829-1837		38
192	Synthesis and self-assembly of oligo(p-phenylenevinylene) peptide conjugates in water. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 2044-7	4.8	37
191	Solution Structures of TOAC-Labeled Trichogin GA IV Peptides from Allowed (g <sub>2</sub> ) and Half-Field Electron Spin Resonance. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 6919-6927	16.4	37
190	New aspartame-like sweeteners containing L-(Me)Phe. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1992</b> , 2, 453-456	2.9	37
189	Structural versatility of peptides from C <sub>α</sub> -disubstituted glycines: Preferred conformation of the C <sub>α</sub> -diphenylglycine residue. <i>Biopolymers</i> , <b>1990</b> , 30, 1-11	2.2	37
188	Multiple, consecutive, fully-extended 2.0-helix peptide conformation. <i>Biopolymers</i> , <b>2013</b> , 100, 621-36	2.2	36

187	Insights into the free-energy dependence of intramolecular dissociative electron transfers. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 11503-13	16.4	36
186	An azacrown-functionalized peptide as a metal ion based catalyst for the cleavage of a RNA-model substrate. <i>Biopolymers</i> , <b>2000</b> , 55, 496-501	2.2	36
185	Long, chiral polypeptide 3(10)-helices at atomic resolution. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>1988</b> , 5, 803-17	3.6	36
184	Aspartame dipeptide analogues: effect of number of side-chain methylene group spacers and C $\beta$ -methylation in the second position. <i>Tetrahedron: Asymmetry</i> , <b>1997</b> , 8, 1305-1314		35
183	Structural versatility of peptides from C $\beta$ -dialkylated glycines: an infrared absorption and <sup>1</sup> H n.m.r. study of homopeptides from 1-aminocyclopentane-1-carboxylic acid. <i>International Journal of Biological Macromolecules</i> , <b>1988</b> , 10, 300-304	7.9	35
182	Helical screw sense of peptide molecules: The pentapeptide system (Aib) <sub>4</sub> /L-Val[L-(Me)Val] in the crystal state <b>1998</b> , 46, 433-443		34
181	Peptoid residues and beta-turn formation. <i>Journal of Peptide Science</i> , <b>2002</b> , 8, 241-52	2.1	34
180	Is the backbone conformation of C(alpha)-methyl proline restricted to a single region?. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8015-25	4.8	33
179	Rational design of gold(III)-dithiocarbamate peptidomimetics for the targeted anticancer chemotherapy. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 117, 248-60	4.2	32
178	A topographically and conformationally constrained, spin-labeled, alpha-amino acid: crystallographic characterization in peptides. <i>Chemical Biology and Drug Design</i> , <b>2005</b> , 65, 564-79		32
177	Electron spin resonance of TOAC labeled peptides: folding transitions and high frequency spectroscopy. <i>Biopolymers</i> , <b>2000</b> , 55, 479-85	2.2	32
176	Destabilization of the 310-Helix in Peptides Based on C $\beta$ -Tetrasubstituted $\alpha$ -Amino Acids by Main-Chain to Side-Chain Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 11558-11566	16.4	31
175	Disruption of the beta-sheet structure of a protected pentapeptide, related to the beta-amyloid sequence 17-21, induced by a single, helicogenic C(alpha)-tetrasubstituted alpha-amino acid. <i>Journal of Peptide Science</i> , <b>2003</b> , 9, 461-6	2.1	31
174	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> , <b>2001</b> , 123, 6678-86	16.4	31
173	Chiral, fully extended helical peptides. <i>Amino Acids</i> , <b>2011</b> , 41, 629-41	3.5	30
172	Induced axial chirality in the biphenyl core of the proatropisomeric, C alpha-tetrasubstituted alpha-amino acid residue Bip in peptides. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 6921-9	4.8	30
171	beta-turn conformations in crystal structures of model peptides containing alpha,alpha-di-n-propylglycine and alpha,alpha-di-n-butylglycine. <i>Biopolymers</i> , <b>1995</b> , 35, 1-9	2.2	30
170	Structural versatility of peptides containing C alpha, alpha-dialkylated glycines: conformational energy computations, i.r. absorption and <sup>1</sup> H n.m.r. analysis of 1-aminocyclopropane-1-carboxylic acid homopeptides. <i>International Journal of Biological Macromolecules</i> , <b>1989</b> , 11, 345-52	7.9	30

169	A rigid helical peptide axle for a [2]rotaxane molecular machine. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 8986-9	16.4	29
168	Helical screw sense of homo-oligopeptides of C $\alpha$ -methylated $\alpha$ -amino acids as determined with vibrational circular dichroism. <i>Tetrahedron: Asymmetry</i> , <b>1995</b> , 6, 687-690		28
167	Meteoritic C $\alpha$ -methylated $\alpha$ -amino acids and the homochirality of life: searching for a link. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 6695-9	16.4	27
166	Peptide $\beta$ -Bend and 3 10 <sup>-</sup> -Helix: from 3D-Structural Studies to Applications as Templates. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2005</b> , 51, 121-136		27
165	Linear oligopeptides. Part 147. Chemical and crystallographic study of the reaction between benzyloxycarbonyl chloride and $\alpha$ -aminoisobutyric acid. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1986</b> , 1371-1376		27
164	Experimental evidence at atomic resolution for intramolecular N(SINGLEBOND)H $\cdots$ $\pi$ (phenyl) interactions in a family of amino acid derivatives <b>1997</b> , 42, 1-6		26
163	Zinc(II) as an allosteric regulator of liposomal membrane permeability induced by synthetic template-assembled tripodal polypeptides. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 2753-63	4.8	26
162	Crystallographic characterization of the conformation of the 1-aminocyclohexane-1-carboxylic acid residue in simple derivatives and peptides. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1988</b> , 393		26
161	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> , <b>2012</b> , 10, 2413-21	3.9	24
160	Antimicrobial lipopeptaibol trichogin GA IV: role of the three Aib residues on conformation and bioactivity. <i>Amino Acids</i> , <b>2012</b> , 43, 1761-77	3.5	24
159	A helical, aromatic, peptide nanotube. <i>Organic Letters</i> , <b>2006</b> , 8, 6091-4	6.2	23
158	Recent contributions of electronic circular dichroism to the investigation of oligopeptide conformations. <i>Chirality</i> , <b>2004</b> , 16, 388-97	2.1	23
157	Turn stabilization in short peptides by C( $\alpha$ )-methylated $\alpha$ -amino acids. <i>Biopolymers</i> , <b>2005</b> , 80, 279-93	2.2	23
156	Analogs of the antimicrobial peptide trichogin having opposite membrane properties. <i>FEBS Journal</i> , <b>2001</b> , 268, 703-12		23
155	Photocurrent generation through peptide-based self-assembled monolayers on a gold surface: antenna and junction effects. <i>Journal of Peptide Science</i> , <b>2011</b> , 17, 124-31	2.1	22
154	First Rigid Peptide Foldamers with an Alternating Cis $\beta$ Trans Amide Sequence. An Oligomeric Building Block for the Construction of New Helices, Large-Ring Cyclic Correlates, and Nanotubes. <i>Macromolecules</i> , <b>2001</b> , 34, 5048-5052	5.5	22
153	Backbone modified formyl-methionyl tripeptide chemoattractants. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1993</b> , 3, 953-956	2.9	22
152	Single and multiple peptide $\beta$ -turns: literature survey and recent progress. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 3208-3216	3.6	21

151	Supramolecular structure of self-assembling alamethicin analog studied by ESR and PELDOR. <i>Chemistry and Biodiversity</i> , <b>2007</b> , 4, 1275-98	2.5	21
150	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> , <b>2002</b> , 64, 236-45	2.2	21
149	Conformational analysis of TOAC-labelled alamethicin F50/5 analogues. <i>Chemistry and Biodiversity</i> , <b>2007</b> , 4, 1256-68	2.5	20
148	4-Amino-1-oxyl-2,2,6,6-tetramethylpiperidine-3-carboxylic acid (TOAC), the first spin-labelled, cyclic, chiral amino acid resolved in an enantiomerically pure state. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 3381-3384	2.3	20
147	Self-assembling and membrane modifying properties of a lipopeptaibol studied by CW-ESR and PELDOR spectroscopies. <i>Journal of Peptide Science</i> , <b>2003</b> , 9, 690-700	2.1	20
146	Onset of the fully extended conformation in (alpha Me)Leu derivatives and short peptides. <i>International Journal of Biological Macromolecules</i> , <b>1994</b> , 16, 7-14	7.9	20
145	Crystal-state 3D-structural characterization of novel, Aib-based, turn and helical peptides. <i>Journal of Peptide Science</i> , <b>2007</b> , 13, 190-205	2.1	19
144	Preferred 3D-structure of peptides rich in a severely conformationally restricted cyclopropane analogue of phenylalanine. <i>Chemistry - A European Journal</i> , <b>2005</b> , 12, 251-60	4.8	19
143	Crystal-state conformation of homo-oligomers of alpha-aminoisobutyric acid: Molecular and crystal structure of pBrBz-(Aib) <sub>6</sub> -OMe. <i>Structural Chemistry</i> , <b>1991</b> , 2, 523-527	1.8	19
142	Total synthesis, characterization, and conformational analysis of the naturally occurring hexadecapeptide integramide A and a diastereomer. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 316-27	4.8	18
141	Reactive Intermediates in Peptide Synthesis: First Crystal Structures and ab Initio Calculations of 2-Alkoxy-5(4H)-oxazolones from Urethane-Protected Amino Acids. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 4136-4142	16.4	18
140	Conformation and membrane activity of an analogue of the peptaibol antibiotic trichogin GA IV with a lipophilic amino acid at the N-terminus <b>1998</b> , 4, 389-399		18
139	Benzophenone photophore flexibility and proximity: molecular and crystal-state structure of a Bpa-containing trichogin dodecapeptide analogue. <i>ChemBioChem</i> , <b>2004</b> , 5, 541-4	3.8	18
138	A helical peptide receptor for [60]fullerene. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 1544-53	4.8	18
137	A Chirally Stable, Atropoisomeric, C <sub>2</sub> -Tetrasubstituted alpha-Amino Acid: Incorporation into Model Peptides and Conformational Preference. <i>Helvetica Chimica Acta</i> , <b>2001</b> , 84, 481-501	2	18
136	Monomer units for the beta-bend ribbon structure: MeAib peptides. <i>International Journal of Biological Macromolecules</i> , <b>1992</b> , 14, 178-84	7.9	18
135	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> , <b>2016</b> , 12, 238-45	3.6	17
134	Anticancer Gold(III) Peptidomimetics: From Synthesis to in vitro and ex vivo Biological Evaluations. <i>ChemMedChem</i> , <b>2018</b> , 13, 1131-1145	3.7	17

133	Isovaline in naturally occurring peptides: A nondestructive methodology for configurational assignment. <i>Biopolymers</i> , <b>2012</b> , 98, 36-49	2.2	17
132	Slow tert-butyl ester acidolysis and peptide 3(10)-helix to alpha-helix transition in HFIP solution. <i>Biopolymers</i> , <b>2007</b> , 88, 233-8	2.2	17
131	Handedness control of peptide helices by amino acid side-chain chirality: Ile/alle peptides. <i>Biopolymers</i> , <b>2006</b> , 84, 490-501	2.2	17
130	Self-Assembling Properties of a Membrane-Modifying Lipopeptaibol in Weakly Polar Solvents Studied by CW ESR. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 11206-11213	3.4	17
129	New naphthoquinone derivatives against glioma cells. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 96, 458-66	6.8	16
128	C(alpha)-methyl proline: a unique example of split personality. <i>Biopolymers</i> , <b>2008</b> , 89, 465-70	2.2	16
127	Structural modifications of the permeability transition pore complex in resealed mitochondria induced by matrix-entrapped disaccharides. <i>Archives of Biochemistry and Biophysics</i> , <b>2003</b> , 410, 155-60	4.1	16
126	Stereoselective acylation of a racemic amine with C(alpha)-methyl phenylglycine-based dipeptide 5(4H)-oxazolones. <i>Chirality</i> , <b>2005</b> , 17, 481-7	2.1	16
125	Peptaibolin: synthesis, 3D-structure, and membrane modifying properties of the natural antibiotic and selected analogues. <i>Tetrahedron</i> , <b>2001</b> , 57, 2813-2825	2.4	16
124	Conformational restriction through C alpha i C alpha i cyclization: Ac12c, the largest cycloaliphatic C alpha,alpha- disubstituted glycine known. <i>Biopolymers</i> , <b>2000</b> , 53, 200-12	2.2	16
123	(alphaMe)Nva: stereoselective syntheses and preferred conformations of selected model peptides. <i>Chemical Biology and Drug Design</i> , <b>2000</b> , 56, 283-97		16
122	Structural versatility of peptides from C <sub>β</sub> disubstituted glycines. Preferred conformation of the C <sub>β</sub> di-benzylglycine residue. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1990</b> , 1481-1487		16
121	A solvent-dependent peptide spring unraveled by 2D-NMR. <i>Tetrahedron</i> , <b>2012</b> , 68, 4429-4433	2.4	15
120	Looking for a Robust, Synthetic, Fully-Extended (2.05-Helical) Peptide Structure [Effect of Terminal Groups. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 167-174	3.2	15
119	Correlation between symmetry breaker position and the preferences of conformationally constrained homopeptides: a molecular dynamics investigation. <i>Biopolymers</i> , <b>2008</b> , 90, 695-706	2.2	15
118	C <sub>β</sub> Methyl, C <sub>β</sub> H-Propylglycine Homo-oligomers. <i>Macromolecules</i> , <b>2003</b> , 36, 8164-8170	5.5	15
117	X-ray Diffraction Analysis and Conformational Energy Computations of $\beta$ Turn and 310-Helical Peptides Based on $\beta$ Amino Acids with an Olefinic Side Chain. Implications for Ring-Closing Metathesis. <i>Macromolecules</i> , <b>2002</b> , 35, 4204-4209	5.5	15
116	Synthesis of terminally protected 9-amino-4,5-diazafluorene-9-carboxylic acid, the first rigid, transition-metal receptor, C <sub>β</sub> disubstituted glycine. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 6245-6248	2	15



115	Defect peptide chemistry: perturbations in the structure of a homopentapeptide induced by a guest residue interrupting side-chain regularity. <i>Biopolymers</i> , <b>1994</b> , 34, 1409-18	2.2	15
114	Synthesis of Enantiomerically Pure cis- and trans-4-Amino-1-oxyl-2,2,6,6-tetramethylpiperidine-3-carboxylic Acid: A Spin-Labelled, Cyclic, Chiral $\beta$ -Amino Acid, and 3D-Structural Analysis of a Doubly Spin-Labelled $\beta$ -Hexapeptide. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 3133-3144	3.2	14
113	Serendipitous Discovery of Peptide Dialkyl Peroxides. <i>Helvetica Chimica Acta</i> , <b>2002</b> , 85, 3099-3112	2	14
112	Crystal-state 3D-structural characterization of novel 3(10)-helical peptides. <i>Journal of Peptide Science</i> , <b>2003</b> , 9, 620-37	2.1	14
111	First Interchain Peptide Interaction Detected by ESR in Fully Synthetic, Template-Assisted, Two-Helix Bundles. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 11071-11078	16.4	14
110	Effect of phenyl ring position in the C $\beta$ -methylated $\beta$ -amino acid side chain on peptide preferred conformation <b>1996</b> , 40, 523-527		14
109	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> , <b>2009</b> , 15, 67-70	4.8	13
108	N-methylation of N(alpha)-acylated, fully C(alpha)-methylated, linear, folded peptides: synthetic and conformational aspects. <i>Biopolymers</i> , <b>2006</b> , 84, 553-65	2.2	13
107	Ac10c: a medium-ring, cycloaliphatic C $\alpha$ , $\alpha$ -disubstituted glycine. Incorporation into model peptides and preferred conformation. <i>Chemical Biology and Drug Design</i> , <b>2001</b> , 57, 307-15		13
106	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> , <b>2017</b> , 49, 139-150	3.5	12
105	Peptide $\beta$ Turn: Literature Survey and Recent Progress. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 13866-77.8		12
104	All-Thioamidated Homo- $\beta$ -Peptides: Synthesis and Conformation. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 3455-3463	3.2	12
103	Crystal structures of N-parabromobenzoyl- $\beta$ -aminoisobutyric acid and two derivatives. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1986</b> , 175,	1	12
102	Peptide flatlandia: a new-concept peptide for positioning of electroactive probes in proximity to a metal surface. <i>Nanoscale</i> , <b>2015</b> , 7, 15495-506	7.7	11
101	Photoresponsive Supramolecular Architectures Based on Polypeptide Hybrids. <i>Macromolecules</i> , <b>2014</b> , 47, 7272-7283	5.5	11
100	Catalytic enantioselective addition of hydrogen cyanide to benzaldehyde and p-methoxybenzaldehyde using cyclo-His-( $\beta$ Me)Phe as catalyst. <i>Tetrahedron: Asymmetry</i> , <b>1997</b> , 8, 1987-1999		11
99	Interaction between TOAC free radical and photoexcited triplet chromophores linked to peptide templates. <i>Biopolymers</i> , <b>2000</b> , 55, 486-95	2.2	11
98	$\beta$ -Homo-peptides Built from $\beta$ , $\beta$ -HBip, a Biphenyl-substituted 3-Amino-2,2-dimethylpropanoic Acid. <i>Tetrahedron</i> , <b>2000</b> , 56, 1715-1723	2.4	11

97	The 2.0 $\pi$ helix in hetero-oligopeptides entirely composed of C $\alpha$ (H)-disubstituted glycines with both side chains longer than methyls. <i>Biopolymers</i> , <b>2014</b> , 102, 145-58	2.2	10
96	A new tool for photoaffinity labeling studies: a partially constrained, benzophenone based, alpha-amino acid. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 3281-6	3.9	10
95	Chiral, Enantiopure Aluminum(III) and Titanium(IV) Azatranes. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 1032-1040	2.3	10
94	Diastereoselective synthesis of 5-(alditol-1-C-yl)-hydantoins and their use as precursors of polyhydroxylated- $\alpha$ -amino acids. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 1047-1050	2	10
93	The crystal structure of the 1:1 inclusion complex of beta-cyclodextrin with squaric acid. <i>Carbohydrate Research</i> , <b>2001</b> , 333, 145-51	2.9	10
92	Short-chain analogues of the lipopeptaibol antibiotic trichogin GA IV: conformational analysis and membrane modifying properties. <i>Perkin Transactions II RSC</i> , <b>2001</b> , 1372-1377		10
91	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. <i>Journal of Peptide Science</i> , <b>1999</b> , 5, 96-102	2.1	10
90	Charge Transfer Properties of Benzo[b]thiophene Ferrocenyl Complexes. <i>Organometallics</i> , <b>2015</b> , 34, 4451-4463	3.8	9
89	1,3-Oxazinan-2-ones via carbonate chemistry: a facile, high yielding synthetic approach. <i>Pure and Applied Chemistry</i> , <b>2016</b> , 88, 227-237	2.1	9
88	Charge Transfer Properties in Cyclopenta[ <i>l</i> ]phenanthrene Ferrocenyl Complexes. <i>Organometallics</i> , <b>2014</b> , 33, 1135-1143	3.8	9
87	Azacrown Ethers from Mustard Carbonate Analogues. <i>ChemPlusChem</i> , <b>2015</b> , 80, 471-474	2.8	9
86	Bis(azobenzene)-based photoswitchable, prochiral, C $\alpha$ tetrasubstituted $\alpha$ -amino acids for nanomaterials applications. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 12606-11	4.8	9
85	Direct observation of intramolecular hydrogen bonds in peptide 3(10) helices by (3h)J(N,C $\beta$ ) scalar couplings. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 3152-5	16.4	9
84	Exploring new dipeptides based on phenylglycine and C $\beta$ methyl phenylglycine as hosts in inclusion resolutions. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 1919-1927		9
83	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> , <b>2002</b> , 63, 314-24	2.2	9
82	Tris-Annulated Benzenes Selectively Perfunctionalized on One Side Only: Hexachlorobenzotrinitrobornadiene as a Versatile Scaffold for the Construction of Molecular Domes. <i>Synlett</i> , <b>2005</b> , 2005, 1125-1128	2.2	9
81	Intrinsically Photoswitchable $\beta$ -Peptides toward Two-State Foldamers. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 10217-10220	16.4	9
80	En route towards the peptide $\beta$ helix: X-ray diffraction analyses and conformational energy calculations of Adm-rich short peptides. <i>Journal of Peptide Science</i> , <b>2017</b> , 23, 346-362	2.1	8

79	Tuning morphological architectures generated through living supramolecular assembly of a helical foldamer end-capped with two complementary nucleobases. <i>Soft Matter</i> , <b>2017</b> , 13, 4231-4240	3.6	8
78	(+)-syn-Benzotriborneol an enantiopure C <sub>3</sub> -symmetric receptor for water. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 2464-9	3.9	8
77	Factors governing the conformational tendencies of C <sub>β</sub> -methylated α-amino acids: chirality and side-chain size effects. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 13297-307	3.4	8
76	New tools for the control of peptide conformation: the helicogenic C <sub>α</sub> -methyl, C <sub>α</sub> -cyclohexylglycine. <i>Chemical Biology and Drug Design</i> , <b>2004</b> , 63, 161-70		8
75	A study of a C <sub>α</sub> ,β-didehydroalanine homo-oligopeptide series in the solid-state by <sup>13</sup> C cross-polarization magic angle spinning NMR. <i>Journal of Peptide Science</i> , <b>2004</b> , 10, 336-41	2.1	8
74	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> , <b>2002</b> , 8, 56-65	2.1	8
73	New tools for the control of peptide conformation and supramolecular chemistry: crown-carrier, C(α)-methyl L-DOPA amino acids. <i>Biopolymers</i> , <b>2003</b> , 71, 667-74	2.2	8
72	Linear configuration of the spins of a stable trinitroxide radical based on a ternary helical peptide. <i>ChemPhysChem</i> , <b>2005</b> , 6, 1472-5	3.2	8
71	"Hexacarboxytrindanes": benzene rings with homotopic faces as scaffolds for the construction of D <sub>3</sub> chiral architectures. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7435-9	16.4	8
70	First unequivocal observation of the multiple fully extended conformation (25-helix) in a homopeptide from a C <sub>β</sub> -methylated chiral α-amino acid. <i>International Journal of Peptide Research and Therapeutics</i> , <b>1995</b> , 1, 157-162		8
69	The polypeptide 3(10)-helix as a template for molecular recognition studies. Structural characterization of a side-chain functionalized octapeptide. <i>Bioorganic and Medicinal Chemistry</i> , <b>1995</b> , 3, 1211-21	3.4	8
68	Total Synthesis of Sequential Retro-Peptide Oligomers. <i>European Journal of Organic Chemistry</i> , <b>2004</b> , 2004, 4188-4196	3.2	7
67	Synthesis and characterization of a series of homooligopeptide peroxyesters. <i>Organic Letters</i> , <b>2004</b> , 6, 2753-6	6.2	7
66	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> , <b>2003</b> , 2003, 3300-3307	3.2	7
65	Folding of peptides characterized by c <sup>3</sup> Val, a highly constrained analogue of valine. <i>Biopolymers</i> , <b>2003</b> , 68, 178-91	2.2	7
64	Partial [αMe]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> , <b>2001</b> , 58, 317-24		7
63	Preferred conformation of peptides based on cycloaliphatic C(α,α)-disubstituted glycines: 1-amino-cycloundecane-1-carboxylic acid (Ac11c). <i>Journal of Peptide Science</i> , <b>2000</b> , 6, 571-83	2.1	7
62	(αMe)Aun: a highly lipophilic, chiral, C <sub>α</sub> -tetrasubstituted α-amino acid. Incorporation into model peptides and preferred conformation. <i>Chemical Biology and Drug Design</i> , <b>2000</b> , 55, 262-9		7

61	N alpha-formylated and tert-butyloxycarbonylated Phe-(Leu-Phe) <sub>n</sub> and (Leu-Phe) <sub>n</sub> peptides as agonists and antagonists of the chemotactic formylpeptide receptor of the rabbit peritoneal neutrophil. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1990</b> , 1034, 67-72	4	7
60	β-Aminocarbonates in Regioselective and Ring Expansion Reactions. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 236-243	4.2	7
59	Intramolecular backbone-backbone hydrogen bonds in polypeptide conformations. The other way around: e-turn. <i>Biopolymers</i> , <b>2017</b> , 108, e22911	2.2	6
58	C(α)-hydroxymethyl methionine: synthesis, optical resolution and crystal structure of its (+)-N(α)-benzoyl derivative. <i>Journal of Peptide Science</i> , <b>2001</b> , 7, 619-25	2.1	6
57	Influence of glycosylation on the conformational preferences of folded oligopeptides. <i>Tetrahedron</i> , <b>2001</b> , 57, 2433-2443	2.4	6
56	(Me)Hyv: chemo-enzymatic synthesis, and preparation and preferred conformation of model depsipeptides. <i>Perkin Transactions II RSC</i> , <b>2002</b> , 644-651		6
55	CMethyl, Cβ-allylglycine (Mag) Homooligomers. <i>Macromolecules</i> , <b>2001</b> , 34, 4263-4269	5.5	6
54	Crystal structure of (S)-pipercolic acid (2R,3R)-tartrate, C <sub>10</sub> H <sub>17</sub> NO <sub>8</sub> . <i>Zeitschrift für Kristallographie</i> , <b>1992</b> , 202, 174-176		6
53	Tunable E- Z Photoisomerization in β-Peptide Foldamers Featuring Multiple ( E/ Z)-3-Aminoprop-2-enoic Acid Units. <i>Organic Letters</i> , <b>2019</b> , 21, 4182-4186	6.2	5
52	The fully-extended conformation in peptides and proteins. <i>Peptide Science</i> , <b>2018</b> , 110, e23100	3	5
51	A Quaternary Nitronyl Nitroxide β-Amino Acid: Synthesis, Configurational and Conformational Assignments, and Physicochemical Properties. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 1741-1752	3.2	5
50	Solution synthesis, conformational analysis, and antimicrobial activity of three alamethicin F50/5 analogs bearing a trifluoroacetyl label. <i>Chemistry and Biodiversity</i> , <b>2014</b> , 11, 1163-91	2.5	5
49	Hydrophobic Aib/Ala peptides solubilize in water through formation of supramolecular assemblies. <i>Polymer Journal</i> , <b>2013</b> , 45, 516-522	2.7	5
48	Conformationally controlled, thymine-based alpha-nucleopeptides. <i>Chemical Communications</i> , <b>2009</b> , 3178-80	5.8	5
47	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 β-amino acid. <i>Tetrahedron</i> , <b>2008</b> , 64, 4416-4426	2.4	5
46	Benzotriazole complexes with amines and phenol: cooperativity mediated by induction effects in the crystal state. <i>Organic Letters</i> , <b>2006</b> , 8, 1577-9	6.2	5
45	N-benzhydryl-glycolamide: the first protecting group in peptide synthesis with a strong conformational bias. <i>Biopolymers</i> , <b>2003</b> , 71, 17-27	2.2	5
44	Preferred solution conformation of peptides rich in the lipophilic, chiral, C(α)-methylated alpha-amino acid (α Me)Aoc. <i>Journal of Peptide Science</i> , <b>1999</b> , 5, 547-54	2.1	5

- 43 Crystal structure of N-tert-butyloxycarbonyl-L-alanyl-L-alanine methylamide, C<sub>12</sub>H<sub>23</sub>N<sub>3</sub>O<sub>4</sub>. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **1993**, 207, 1 5
- 42 Crystal and molecular structures of two N-carboxy anhydrides of C<sub>α</sub>-disubstituted glycines\*. *Zeitschrift Für Kristallographie*, **1992**, 199, 229-237 5
- 41 Crystal structure of cyclo(C<sub>α</sub>-methyl-phenylalanine-proline) (S,S)/(R,S) diastereomeric mixture, C<sub>15</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>. *Zeitschrift Für Kristallographie*, **1992**, 202, 168-170 5
- 40 A novel peptide conformation: the E-bend ribbon. *Organic and Biomolecular Chemistry*, **2018**, 16, 7947-7958 5
- 39 Isolated E-turn and incipient E-helix. *Chemical Science*, **2019**, 10, 6908-6914 9-4 4
- 38 Conformation and EPR characterization of rigid, 3<sub>10</sub>-helical peptides with TOAC spin labels: Models for short distances. *Biopolymers*, **2014**, 102, 244-51 2.2 4
- 37 2-Amino-1,2,3,6-tetrahydro-6-oxocyclopenta[c]fluorene-2-carboxylic Acid (FlAib), a Completely Rigidified, Fluorene-9-one-Based E-Amino Acid. *Helvetica Chimica Acta*, **2012**, 95, 2446-2459 2 4
- 36 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, 13026-36 3-4 4
- 35 N-Methylation of N-E-Acetylated, Fully C-Ethylated, Linear Peptides. *International Journal of Peptide Research and Therapeutics*, **2008**, 14, 307-314 2.1 4
- 34 Synthesis of linear and cyclic homo-E-peptides based on a binaphthyl E-amino acid with only axial chirality. *Tetrahedron: Asymmetry*, **2006**, 17, 30-39 4
- 33 Disaccharide Modulation of the Mitochondrial Membrane Fluidity Changes Induced by the Membrane Potential. *IUBMB Life*, **2001**, 51, 111-116 4-7 4
- 32 Hydrogen-Bond-Assisted, Concentration-Dependent Molecular Dimerization of Ferrocenyl Hydantoins. *Organometallics*, **2017**, 36, 2190-2197 3.8 3
- 31 Reactive intermediates in peptide synthesis: the N-oxysuccinimido ester of N<sub>α</sub>-para-toluenesulfonyl-α-aminoisobutyric acid. *Acta Crystallographica Section C: Crystal Structure Communications*, **2002**, 58, o275-6 3
- 30 The polypeptide 3<sub>10</sub>-helix as a template and a spacer. *International Journal of Peptide Research and Therapeutics*, **1995**, 2, 187-189 3
- 29 Inversion of 3<sub>10</sub>-helix screw sense in a (D-α Me)Leu homo-tetrapeptide induced by a guest D-(α Me)Val residue. *Journal of Peptide Science*, **1995**, 1, 396-402 2.1 3
- 28 Crystal structure of oxazol-5(4H)-one from N<sub>α</sub>-para-bromobenzoyl-C<sub>α</sub>-methyl-D-leucyl-C<sub>α</sub>-methyl-D-leucyl-C<sub>α</sub>-methyl-D-leucine, C<sub>28</sub>H<sub>32</sub>BrN<sub>3</sub>O<sub>4</sub>. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **1993**, 208, 1 3
- 27 Crystal structure of C<sub>α</sub>-ethyl-(S)-phenylalanine-N-carboxyanhydride, C<sub>12</sub>H<sub>13</sub>NO<sub>3</sub>. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **1995**, 210, 1 3
- 26 Crystal and molecular structures of two N-derivatives of C<sub>α</sub>-diethylglycine\*. *Zeitschrift Für Kristallographie*, **1992**, 199, 203-210 3

25	Crystal structures of N-benzylcarbonyl- $\beta$ -aminoisobutyric acid mono- and tripeptide methyl ester derivatives. <i>Zeitschrift Für Kristallographie</i> , <b>1989</b> , 188, 261-269		3
24	Endothiopeptides: A conformational overview. <i>Biopolymers</i> , <b>2016</b> , 106, 697-713	2.2	3
23	Photoresponsive Prion-Mimic Foldamer to Induce Controlled Protein Aggregation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5173-5178	16.4	3
22	Intrinsically Photoswitchable $\beta$ -Peptides toward Two-State Foldamers. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 10374-10377	3.6	2
21	A new isoluminol reagent for chemiluminescence labeling of proteins. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 4446-4450	2	2
20	Peptide-based rotaxanes and catenanes: an emerging class of supramolecular chemistry systems. <i>Biomolecular Concepts</i> , <b>2012</b> , 3, 183-92	3.7	2
19	On the orange color of Z-Trp-ONPo. <i>Chemical Biology and Drug Design</i> , <b>2005</b> , 65, 15-22		2
18	Crystal structure of a fully protected $\beta$ -D-galactosylated tripeptide. <i>Carbohydrate Research</i> , <b>1999</b> , 315, 334-338	2.9	2
17	Molecular and crystal structure of a dehydroalanine dipeptide*. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1993</b> , 207,	1	2
16	Crystal structure of N-Formyl-glycyl-L-(tert-butyloxy)aspartyl-L-C-methyl-phenylalanine methylester, C <sub>22</sub> H <sub>31</sub> N <sub>3</sub> O <sub>7</sub> . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1993</b> , 207,	1	2
15	N alpha-benzyloxycarbonyl-alpha-aminoisobutyryl-glycyl-L-isoleucyl- L-leucine methyl ester monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1994</b> , 50 ( Pt 4), 563-5		2
14	Molecular and crystal structure of a terminally-blocked Aib homotetrapeptide *. <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 200, 83-91		2
13	Effect on the Conformation of a Terminally Blocked, () $\beta$ -Unsaturated $\beta$ -Amino Acid Residue Induced by Carbon Methylation. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 1513-1524	4.2	2
12	Heterochiral Ala/(Me)Aze sequential oligopeptides: Synthesis and conformational study. <i>Journal of Peptide Science</i> , <b>2019</b> , 25, e3165	2.1	1
11	Reactive intermediates in peptide synthesis. ortho-Nitrophenyl Nalpha-para-toluenesulfonyl-alpha-aminoisobutyrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2002</b> , 58, O215-7		1
10	Synthesis and X-Ray Crystal Structure of the First Pure and Air-Stable Salt of Peroxymonosulphuric Acid: (Ph) <sub>4</sub> PHSO <sub>5</sub> . <i>Molecules</i> , <b>2000</b> , 5, 886-894	4.8	1
9	Crystal structure of tert-butyloxycarbonyl- $\beta$ -amino-isobutyryl-C- $\beta$ -di-n-butylglycyl-methylester, C <sub>20</sub> H <sub>38</sub> N <sub>2</sub> O <sub>5</sub> . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1992</b> , 202,	1	1
8	Influence of the C-terminal substituent on the crystal-state conformation of Adm peptides. <i>Peptide Science</i> , <b>2020</b> , 112, e24121	3	1

- |   |   |     |   |
|---|---|-----|---|
| 7 | Spectroscopic characterization of the fully-extended, planar, peptide 2.0(5)-helix based on chiral, Calpha-ethylated, alpha-amino acids. <i>Advances in Experimental Medicine and Biology</i> , <b>2009</b> , 611, 45-6 | 3.6 | 1 |
| 6 | Photoresponsive Prion-Mimic Foldamer to Induce Controlled Protein Aggregation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5233-5238  | 3.6 | 0 |
| 5 | From Amherst (Massachusetts, USA) to Padua (Italy) and back again: Louis A. Carpino's scientifically productive journey. <i>Peptide Science</i> , <b>2020</b> , 112, e24153   | 3   |   |
| 4 | Molecular and crystal structure of N-benzyloxycarbonyl-L-proline amide *. <i>Zeitschrift für Kristallographie</i> , <b>1992</b> , 200, 93-99  |     |   |
| 3 | Structure of (3S)-3-tert-butyloxycarbonylamino-2-piperidone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1989</b> , 45 ( Pt 2), 215-8  |     |   |
| 2 | First Homo-Peptides Undergoing a Reversible 310-Helix to $\alpha$ -Helix Transition. <i>Advances in Experimental Medicine and Biology</i> , <b>2009</b> , 49-50   | 3.6 |   |
| 1 | Synthesis and 3D-structure of conformationally controlled nucleo-peptides. <i>Advances in Experimental Medicine and Biology</i> , <b>2009</b> , 611, 37-8   | 3.6 |   |