Piero Andrea Temussi

List of Publications by Year
in descending order

178	6,356	70961 41	88477 70
papers	citations	h-index	g-index

191	191	191	5004
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solution structure of the Alzheimer amyloid Î²-peptide (1-42) in an apolar microenvironment. FEBS Journal, 2002, 269, 5642-5648.	0.2	577
2	The Î±-to-Î² Conformational Transition of Alzheimer's AÎ²-(1-42) Peptide in Aqueous Media is Reversible: A Step by Step Conformational Analysis Suggests the Location of Î² Conformation Seeding. ChemBioChem, 2006, 7, 257-267.	1.3	375
3	Address and Message Sequences for the Nociceptin Receptor:â€‰ A Structureâ^'Activity Study of Nociceptin-(1â^'13)-peptide amide. Journal of Medicinal Chemistry, 1997, 40, 1789-1793.	2.9	224
4	From Small Sweeteners to Sweet Proteins:Â Anatomy of the Binding Sites of the Human T1R2_T1R3 Receptor. Journal of Medicinal Chemistry, 2005, 48, 5520-5529.	2.9	172
5	Crystal structure of syndiotactic polypropylene. Journal of Polymer Science Part C Polymer Symposia, 1967, 16, 2477-2484.	0.1	162
6	Unbiased Cold Denaturation:Â Low- and High-Temperature Unfolding of Yeast Frataxin under Physiological Conditions. Journal of the American Chemical Society, 2007, 129, 5374-5375.	6.6	145
7	Why are sweet proteins sweet? Interaction of brazzein, monellin and thaumatin with the T1R2-T1R3 receptor. FEBS Letters, 2002, 526, 1-4.	1.3	138
8	NEW EMBO MEMBER'S REVIEW: From Alzheimer to Huntington: why is a structural understanding so difficult?. EMBO Journal, 2003, 22, 355-361.	3.5	133
9	Solution Structure of the Bacterial Frataxin Ortholog, CyaY. Structure, 2004, 12, 2037-2048.	1.6	125
10	The good taste of peptides. Journal of Peptide Science, 2012, 18, 73-82.	0.8	117
11	Î´ Opioidmimetic Antagonists: Prototypes for Designing a New Generation of Ultraselective Opioid Peptides. Molecular Medicine, 1995, 1, 678-689.	1.9	116
12	Sweet, bitter and umami receptors: a complex relationship. Trends in Biochemical Sciences, 2009, 34, 296-302.	3.7	99
13	Selective Opioid Dipeptides. Biochemical and Biophysical Research Communications, 1994, 198, 933-939.	1.0	89
14	Bioactive peptides: solid-state and solution conformation of cyclolinopeptide A. Journal of the American Chemical Society, 1989, 111, 9089-9098.	6.6	78
15	Protein Stability in Nanocages: A Novel Approach for Influencing Protein Stability by Molecular Confinement. Journal of Molecular Biology, 2004, 336, 203-212.	2.0	73
16	Conformational preferences of [Leu5]enkephalin in biomimetic media. Investigation by 1H NMR. FEBS Journal, 1990, 192, 433-439.	0.2	70
17	The Importance of Electrostatic Potential in The Interaction of Sweet Proteins with the Sweet Taste Receptor. Journal of Molecular Biology, 2006, 360, 448-456.	2.0	69
18	Three-dimensional mapping of the sweet taste receptor site. Journal of Medicinal Chemistry, 1978, 21, 1154-1158.	2.9	68

#	Article	IF	Citations
19	Structural determination of the active site of a sweet protein A1H NMR investigation of pMNEI. FEBS Letters, 1992, 310, 27-30.	1.3	67
20	Solution structure of a sweet protein: NMR study of MNEI, a single chain monellin11Edited by R. Huber. Journal of Molecular Biology, 2001, 305, 505-514.	2.0	67
21	Interaction of sweet proteins with their receptor. FEBS Journal, 2004, 271, 2231-2240.	0.2	66
22	Cold Denaturation of Yeast Frataxin Offers the Clue to Understand the Effect of Alcohols on Protein Stability. Journal of the American Chemical Society, 2008, 130, 9963-9970.	6.6	59
23	Interaction of .alpha.-L-aspartyl-L-phenylalanine methyl ester with the receptor site of the sweet taste bud. Journal of the American Chemical Society, 1976, 98, 6669-6675.	6.6	58
24	Cold denaturation as a tool to measure protein stability. Biophysical Chemistry, 2016, 208, 4-8.	1.5	58
25	Understanding the binding properties of an unusual metalâ€binding proteinâ€ƒâ€ƒa study of bacterial frataxin. FEBS Journal, 2007, 274, 4199-4210.	2.2	56
26	Reversible screw sense inversion of the 310-helix in a dehydropeptide. Journal of the American Chemical Society, 1991, 113, 6338-6340.	6.6	55
27	Probing the surface of a sweet protein: NMR study of MNEI with a paramagnetic probe. Protein Science, 2001, 10, 1498-1507.	3.1	55
28	The two faces of Janus: functional interactions and protein aggregation. Current Opinion in Structural Biology, 2012, 22, 30-37.	2.6	54
29	Solution Structure of MT_nc, a Novel Metallothionein from the Antarctic Fish Notothenia coriiceps. Structure, 2003, 11, 435-443.	1.6	52
30	The Mechanism of Interaction of Sweet Proteins with the T1R2-T1R3 Receptor: Evidence from the Solution Structure of G16A-MNEI. Journal of Molecular Biology, 2003, 328, 683-692.	2.0	52
31	The Role of Hydration in Protein Stability: Comparison of the Cold and Heat Unfolded States of Yfh1. Journal of Molecular Biology, 2012, 417, 413-424.	2.0	52
32	Revisiting a dogma: the effect of volume exclusion in molecular crowding. Current Opinion in Structural Biology, 2015, 30, 1-6.	2.6	52
33	The Sweet Taste Receptor: A Single Receptor with Multiple Sites and Modes of Interaction. Advances in Food and Nutrition Research, 2007, 53, 199-239.	1.5	50
34	Conversion of Enkephalin and Dermorphin into delta-Selective Opioid Antagonists by Single-Residue Substitution. FEBS Journal, 1994, 224, 241-247.	0.2	48
35	A 500-MHz proton nuclear magnetic resonance study of .mu. opioid peptides in a simulated receptor environment. Journal of Medicinal Chemistry, 1987, 30, 2067-2073.	2.9	46
36	Bioactive conformation of linear peptides in solution: An elusive goal?. Biopolymers, 1989, 28, 91-107.	1.2	46

#	Article	IF	Citations
37	Bioactive and model peptides characterized by the helicogenic (Î±Me)Phe residue. Tetrahedron, 1993, 49, 3641-3653.	1.0	44
38	The role of zinc in the stability of the marginally stable IscU scaffold protein. Protein Science, 2014, 23, 1208-1219.	3.1	44
39	New features of the Î´ opioid receptor: Conformational properties of deltorphin I analogues. Biochemical and Biophysical Research Communications, 1990, 169, 617-622.	1.0	43
40	A proton NMR study of human calcitonin in solution. Biochemistry, 1991, 30, 2364-2371.	1.2	43
41	Toward the Understanding of MNEI Sweetness from Hydration Map Surfaces. Biophysical Journal, 2006, 90, 3052-3061.	0.2	42
42	Understanding Cold Denaturation: The Case Study of Yfh1. Journal of the American Chemical Society, 2010, 132, 16240-16246.	6.6	42
43	Sequential proton NMR assignment and secondary structure determination of salmon calcitonin in solution. Biochemistry, 1989, 28, 7996-8002.	1.2	41
44	Conformation-activity relationship of sweet molecules. Comparison of aspartame and naphthimidazolesulfonic acids. Journal of Medicinal Chemistry, 1990, 33, 514-520.	2.9	41
45	Experimental attempt to simulate receptor site environment. A 500-MHz proton nuclear magnetic resonance study of enkephalin amides. Biochemistry, 1987, 26, 7856-7863.	1.2	40
46	NMR Studies of Protein Surface Accessibility. Journal of Biological Chemistry, 2001, 276, 42455-42461.	1.6	40
47	Bacterial IscU is a well folded and functional single domain protein. FEBS Journal, 2004, 271, 2093-2100.	0.2	40
48	Aspartame dipeptide analogues: effect of number of side-chain methylene group spacers and Cî±-methylation in the second position. Tetrahedron: Asymmetry, 1997, 8, 1305-1314.	1.8	39
49	Conformational properties of deltorphin: New features of the Î´-opioid receptor. FEBS Letters, 1989, 247, 283-288.	1.3	38
50	NMR Studies of Protein Hydration and TEMPOL Accessibility. Journal of Molecular Biology, 2003, 332, 437-447.	2.0	38
51	Of the vulnerability of orphan complex proteins: The case study of the E. coli IscU and IscS proteins. Protein Expression and Purification, 2010, 73, 161-166.	0.6	38
52	Sweeter and stronger: enhancing sweetness and stability of the single chain monellin MNEI through molecular design. Scientific Reports, 2016, 6, 34045.	1.6	38
53	An optimized strategy to measure protein stability highlights differences between cold and hot unfolded states. Nature Communications, 2017, 8, 15428.	5.8	38
54	Determinants of sweetness in proteins: a topological approach. Journal of Molecular Recognition, 2011, 24, 1033-1042.	1.1	36

#	Article	IF	Citations
55	Dissimilar sweet proteins from plants: Oddities or normal components?. Plant Science, 2012, 195, 135-142.	1.7	35
56	Conformational analysis of an opioid peptide in solvent media that mimic cytoplasm viscosity. Biopolymers, 1992, 32, 367-372.	1.2	34
57	Fish and mammalian metallothioneins: a comparative study. Gene, 2005, 345, 21-26.	1.0	33
58	A Hypersweet Protein: Removal of The Specific Negative Charge at Asp21 Enhances Thaumatin Sweetness. Scientific Reports, 2016, 6, 20255.	1.6	33
59	Why does the AÎ² peptide of Alzheimer share structural similarity with antimicrobial peptides?. Communications Biology, 2020, 3, 135.	2.0	33
60	Cold Denaturation Unveiled: Molecular Mechanism of the Asymmetric Unfolding of Yeast Frataxin. ChemPhysChem, 2015, 16, 3599-3602.	1.0	32
61	The Emperor's new clothes: Myths and truths of in-cell NMR. Archives of Biochemistry and Biophysics, 2017, 628, 114-122.	1.4	32
62	Conformational rigidity of the amide bond. Variable-temperature nuclear magnetic resonance study of the system Ag+-N,N-dimethylacetamide. The Journal of Physical Chemistry, 1969, 73, 4227-4232.	2.9	30
63	Tendamistat surface accessibility to the TEMPOL paramagnetic probe. Journal of Biomolecular NMR, 1999, 15, 125-133.	1.6	30
64	A 500 MHz study of peptide T in a DMSO solution. FEBS Letters, 1988, 231, 159-163.	1.3	29
65	Viscosity as a conformational sieve. NOE of linear peptides in cryoprotective mixtures. Journal of Magnetic Resonance, 1991, 95, 201-207.	0.5	29
66	Ion binding of cyclolinopeptide A: An nmr and CD conformational study. Biopolymers, 1991, 31, 761-767.	1.2	29
67	Low temperature nmr studies of leu-enkephalins in cryoprotective solvents.. Tetrahedron, 1988, 44, 975-990.	1.0	28
68	Conformation-activity relationship of tachykinin neurokinin A(4-10) and of some [Xaa8] analogs. Biochemistry, 1991, 30, 10175-10181.	1.2	28
69	NMR studies of prebiotic polypeptides. Origins of Life and Evolution of Biospheres, 1975, 6, 147-153.	0.6	27
70	Design of Î¼ selective opioid dipeptide antagonists. FEBS Letters, 1997, 417, 141-144.	1.3	27
71	Soft agonist receptor interactions: Theoretical and experimental simulation of the active site of the receptor of sweet molecules. International Journal of Quantum Chemistry, 1984, 26, 889-906.	1.0	26
72	Rational design of dynorphin A analogues with Î´-receptor selectivity and antagonism for Î´- and Îº-receptors. Bioorganic and Medicinal Chemistry, 1998, 6, 57-62.	1.4	26

#	Article	IF	Citations
73	Nuclear Overhauser effects in linear peptides A low-temperature 500 MHz study of Met-enkephalin. FEBS Letters, 1987, 215, 215-218.	1.3	25
74	Conformational sampling of bioactive conformers: a low-temperature NMR study of15N-Leuâ€“enkephalin. , 1998, 4, 253-265.		25
75	RNA as the stone guest of protein aggregation. Nucleic Acids Research, 2020, 48, 11880-11889.	6.5	25
76	Conformational isomerization of hexahydro-1,3,5-trimethyl-1,3,5-triazine. Journal of the American Chemical Society, 1967, 89, 4358-4361.	6.6	24
77	NOE measurements on linear peptides in cryoprotective aqueous mixtures. Journal of Magnetic Resonance, 1987, 75, 364-370.	0.5	24
78	Conformational analysis of peptide T and of its C-pentapeptide fragment. Biopolymers, 1989, 28, 479-486.	1.2	24
79	Solution Conformation of Nociceptin. Biochemical and Biophysical Research Communications, 1997, 233, 640-643.	1.0	24
80	Design and Solution Structure of a Partially Rigid Opioid Antagonist Lacking the Basic Center - Models of Antagonism. FEBS Journal, 1997, 247, 66-73.	0.2	24
81	Structural characterization and thermal stability of Notothenia coriiceps metallothionein. Biochemical Journal, 2001, 354, 291-299.	1.7	24
82	Phylogenetic Divergence of Fish and Mammalian Metallothionein: Relationships with Structural Diversification and Organismal Temperature. Journal of Molecular Evolution, 2003, 57, S250-S257.	0.8	24
83	Solution Conformation of CCK9, a Cholecystokinin Analog. Biochemical and Biophysical Research Communications, 1993, 190, 741-746.	1.0	23
84	Dmt-Tic-OH, a highly selective and potent Î´-opioid dipeptide receptor antagonist after systemic administration in the mouse. Life Sciences, 1996, 59, PL93-PL98.	2.0	23
85	Cyclic hexapeptides related to somatostatin Conformational analysis employing ¹Hâ€NMR and molecular dynamics. International Journal of Peptide and Protein Research, 1990, 36, 418-432.	0.1	23
86	Experimental evidence for the assignment of .alpha.-CH peaks in the nuclear magnetic resonance spectra of polypeptides. Journal of the American Chemical Society, 1971, 93, 5916-5918.	6.6	22
87	Interaction of Oxidized and Reduced Uteroglobin with Progesterone. FEBS Journal, 1982, 122, 101-104.	0.2	22
88	The SH3 domain of nebulin binds selectively to type II peptides: theoretical prediction and experimental validation. Journal of Molecular Biology, 2002, 316, 305-315.	2.0	22
89	Conformationâ^'Activity Relationship of Neuropeptide S and Some Structural Mutants:Â Helicity Affects Their Interaction with the Receptor. Journal of Medicinal Chemistry, 2007, 50, 4501-4508.	2.9	21
90	Yeast Frataxin Is Stabilized by Low Salt Concentrations: Cold Denaturation Disentangles Ionic Strength Effects from Specific Interactions. PLoS ONE, 2014, 9, e95801.	1.1	21

#	Article	IF	Citations
91	Nmr studies of a series of dehydrodermorphins. Biopolymers, 1989, 28, 129-138.	1.2	20
92	Conformational Transition in Oligopeptides: An NMR Spectroscopic Study. Proceedings of the National Academy of Sciences of the United States of America, 1971, 68, 1767-1772.	3.3	19
93	Conformational analysis of potent and very selective Î´ opioid dipeptide antagonists. FEBS Letters, 1995, 377, 363-367.	1.3	19
94	Solution structure of dynorphin A (1-17): a NMR study in a cryoprotective solvent mixture at 278 K. , 1999, 5, 306-312.		19
95	Structural characterization and thermal stability of Notothenia coriiceps metallothionein. Biochemical Journal, 2001, 354, 291.	1.7	19
96	Selective observation of the disordered import signal of a globular protein by inâ€cell NMR: The example of frataxins. Protein Science, 2015, 24, 996-1003.	3.1	19
97	The cold denaturation of IscU highlights structureâ€“function dualism in marginally stable proteins. Communications Chemistry, 2018, 1, .	2.0	19
98	Nuclear magnetic resonance studies of a polypeptide in a nonprotonating solvent system. Journal of the American Chemical Society, 1973, 95, 1683-1684.	6.6	18
99	A conformational study of the opioid peptide dermorphin by one-dimensional and two-dimensional nuclear magnetic resonance spectroscopy. Biophysical Journal, 1985, 48, 195-200.	0.2	18
100	Environmental Mimic of Receptor Interaction:â€‰ Conformational Analysis of CCK-15 in Solution. Journal of Medicinal Chemistry, 2002, 45, 762-769.	2.9	18
101	Cold Denaturation and Aggregation: A Comparative NMR Study of Titin I28 in Bulk and in a Confined Environment. Journal of the American Chemical Society, 2009, 131, 11662-11663.	6.6	18
102	Aggregation Mechanisms of Cystatins: A Comparative Study of Monellin and Oryzacystatin. Biochemistry, 2010, 49, 2805-2810.	1.2	18
103	A Study of Calf-Thymus Histone H2B Using 13C Magnetic Resonance. FEBS Journal, 1976, 70, 403-408.	0.2	17
104	The Interaction of Highly Helical Structural Mutants with the NOP Receptor Discloses the Role of the Address Domain of Nociceptin/Orphanin FQ. Chemistry - A European Journal, 2005, 11, 2061-2070.	1.7	17
105	Solution and solidâ€state structure of the diketopiperazine of tyrosylâ€tetrahydroisoquinolineâ€3â€carboxylic acid. International Journal of Peptide and Protein Research, 1995, 46, 134-138.	0.1	17
106	A natural and readily available crowding agent: NMR studies of proteins in hen egg white. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1408-1415.	1.5	17
107	The kinetics of folding of frataxin. Physical Chemistry Chemical Physics, 2014, 16, 6391.	1.3	17
108	Generalized View of Protein Folding: In Medio Stat Virtus. Journal of the American Chemical Society, 2019, 141, 2194-2200.	6.6	17

#	Article	IF	Citations
109	Interaction of S-carboxymethylated uteroglobin with progesterone. Biochemistry, 1980, 19, 3287-3293.	1.2	16
110	Solution conformation of tuftsin. Biochemistry, 1992, 31, 9581-9586.	1.2	16
111	Protein aggregation and misfolding: good or evil?. Journal of Physics Condensed Matter, 2012, 24, 244101.	0.7	16
112	N.m.r. studies of the helix-coil transition of polypeptides in non-protonating solvent mixtures. Polymer, 1973, 14, 303-308.	1.8	15
113	Structural characterization of thermal prebiotic polypeptides. Journal of Molecular Evolution, 1976, 7, 105-110.	0.8	15
114	Three-dimensional mapping of the bitter taste receptor site. Chemical Senses, 1979, 4, 259-265.	1.1	15
115	Experimental simulation of the environment of the Î´ opioid receptor. A 500 MHz study of enkephalins in CDCl3. Biochemical and Biophysical Research Communications, 1984, 121, 456-462.	1.0	15
116	Î´-Selective Opioid Peptides Containing a Single Aromatic Residue in the Message Domain: An NMR Conformational Analysis. Journal of Peptide Science, 1996, 2, 290-308.	0.8	15
117	Quantifying the thermodynamics of protein unfolding using 2D NMR spectroscopy. Communications Chemistry, 2020, 3, 100.	2.0	15
118	Crowding revisited: Open questions and future perspectives. Trends in Biochemical Sciences, 2022, 47, 1048-1058.	3.7	15
119	Interaction of conformationally flexible agonists with the active site of sweet taste. A study of arylureas. Journal of Medicinal Chemistry, 1983, 26, 1060-1065.	2.9	14
120	Structural and functional studies of vertebrate metallothioneins: cross-talk between domains in the absence of physical contact. Biochemical Journal, 2005, 391, 95-103.	1.7	14
121	Micro and Macro Models of the Sweet Receptor. Chemical Senses, 2005, 30, i86-i87.	1.1	14
122	Peptides and proteins in a confined environment: NMR spectra at natural isotopic abundance. Journal of Peptide Science, 2007, 13, 342-347.	0.8	14
123	New Insights into the Characteristics of Sweet and Bitter Taste Receptors. International Review of Cell and Molecular Biology, 2011, 291, 191-226.	1.6	14
124	Model ligands for copper proteins. Proton magnetic resonance study of acetylhistamine and acetylhistidine complexes with copper(I). Journal of the American Chemical Society, 1975, 97, 1572-1575.	6.6	13
125	SAR of Sweet Molecules: Conformational Analysis of Two Hypersweet and Two Conformationally Restricted Aspartame Analogues. QSAR and Combinatorial Science, 1992, 11, 486-491.	1.4	13
126	Antagonism in Opioid Peptides: the Role of Conformation. Current Topics in Medicinal Chemistry, 2004, 4, 147-157.	1.0	13

#	Article	IF	Citations
127	The interaction of histone H3 with histone H4 and with other histones studied by 19F nuclear magnetic resonance. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1977, 492, 12-19.	1.7	12
128	Solution structure of nociceptin peptides. Journal of Peptide Science, 2002, 8, 497-509.	0.8	12
129	Automatic comparison of the sequences of calf thymus histones. Journal of Theoretical Biology, 1975, 50, 25-33.	0.8	11
130	Conformationally restricted analogues of anti-aspartame-type sweeteners. Journal of the Chemical Society Perkin Transactions II, 1992, , 1945.	0.9	11
131	Conformation-activity relationship of a novel peptide antibiotic: Structural characterization of dermaseptin DS 01 in media that mimic the membrane environment. Biopolymers, 2005, 80, 688-696.	1.2	11
132	Probing the shape of a hydrophobic pocket in the active site of?-opioid antagonists. Journal of Peptide Science, 2001, 7, 374-385.	0.8	9
133	Trapping a salt-dependent unfolding intermediate of the marginally stable protein Yfh1. Frontiers in Molecular Biosciences, 2014, 1, 13.	1.6	9
134	The conformation of enkephalin bound to its receptor: an Ã¢â‚¬Å“elusive goalÃ¢â‚¬Â•becoming reality. Frontiers in Molecular Biosciences, 2014, 1, 14.	1.6	9
135	Interaction forces between tetramethyluric acid and aromatic molecules. A proton nuclear magnetic resonance study. The Journal of Physical Chemistry, 1976, 80, 279-282.	2.9	8
136	NMR studies of flexible peptides in cavities mimicking the synaptic cleft. FEBS Letters, 2002, 513, 273-276.	1.3	8
137	Crowding versus molecular seeding: NMR studies of protein aggregation in hen egg white. Journal of Physics Condensed Matter, 2012, 24, 244107.	0.7	8
138	Subatomic structure of hyper-sweet thaumatin D21N mutant reveals the importance of flexible conformations for enhanced sweetness. Biochimie, 2019, 157, 57-63.	1.3	8
139	Solution structure of nocistatin, a new peptide analgesic. Biopolymers, 2000, 53, 257-264.	1.2	7
140	Cystatins: a versatile family. Biomolecular Concepts, 2011, 2, 95-102.	1.0	7
141	The anatomy of unfolding of Yfh1 is revealed by site-specific fold stability analysis measured by 2D NMR spectroscopy. Communications Chemistry, 2021, 4, .	2.0	7
142	Molecular structures of some low molecular weight model compounds with conformational features similar to those of high molecular weight compounds. Journal of Polymer Science Part C Polymer Symposia, 1967, 16, 2877-2880.	0.1	6
143	Conformational Studies of Random DL Copolypeptides in Solution Using High-Resolution Nuclear Magnetic Resonance. Macromolecules, 1973, 6, 831-838.	2.2	6
144	Activity of human kallikrein-related peptidase 6 (KLK6) on substrates containing sequences of basic amino acids. Is it a processing protease?. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 558-564.	1.1	6

#	Article	IF	Citations
145	Collision complexes. 3. A proton nuclear magnetic resonance study of the complexes caffeine-mesitylene and caffeine-diphenylmethane. The Journal of Physical Chemistry, 1979, 83, 2902-2906.	2.9	5
146	Study of the binding of jatrophone to Escherichia coli s-ribonucleic acid. FEBS Letters, 1983, 164, 51-56.	1.3	5
147	Structure-activity relationship of a bitter diketopiperazine revisited. Biopolymers, 1985, 24, 1629-1633.	1.2	5
148	Conformational Analysis of Three NK1 Tripeptide Antagonists:â€‰ A Proton Nuclear Magnetic Resonance Study. Journal of Medicinal Chemistry, 1997, 40, 594-601.	2.9	5
149	Pain peptides. Solution structure of orphanin FQ2. FEBS Letters, 2000, 473, 157-160.	1.3	5
150	Peptide T revisited: conformational mimicry of epitopes of anti-HIV proteins. Journal of Peptide Science, 2001, 7, 197-207.	0.8	5
151	Conformationâ€“activity relationship of peptide T and new pseudocyclic hexapeptide analogs. Journal of Peptide Science, 2007, 13, 413-421.	0.8	5
152	Multiple Receptors or Multiple Sites? Modeling the Human T1R2-T1R3 Sweet Taste Receptor. ACS Symposium Series, 2008, , 147-161.	0.5	5
153	Development of 1,2,3-Triazole-Based Sphingosine Kinase Inhibitors and Their Evaluation as Antiproliferative Agents. International Journal of Molecular Sciences, 2017, 18, 2332.	1.8	5
154	Mechanism of isomerization of methyl nitrite. The Journal of Physical Chemistry, 1968, 72, 3581-3583.	2.9	4
155	Collision complexes. 2. A proton nuclear magnetic resonance study of the complex caffeine-benzene. The Journal of Physical Chemistry, 1979, 83, 1766-1770.	2.9	4
156	Solution Conformation of a Potent Cyclic Analogue of Tuftsin:Â Low-TemperatureÂNuclearÂMagneticÂResonanceÂStudyÂinÂa Cryoprotective Mixture. Journal of Medicinal Chemistry, 1999, 42, 1705-1713.	2.9	4
157	Metal detoxification and homeostasis in Antarctic Notothenioids. A comparative survey on evolution, expression and functional properties of fish and mammal metallothioneins. Reviews in Environmental Science and Biotechnology, 2006, 5, 253-267.	3.9	4
158	The seesaw between normal function and protein aggregation: How functional interactions may increase protein solubility. BioEssays, 2021, 43, 2100031.	1.2	4
159	Crystal structure of racemic .alpha.,.alpha.'-dimethylglutaric acid. The Journal of Physical Chemistry, 1968, 72, 3997-4004.	2.9	3
160	Relationship between receptor affinity and topography of N-terminally extended and bridged [Tyr1 â†' Asp4]deltorphin C analogues: Novel probes for the Î´-opioid receptor. European Journal of Pharmacology, 1993, 230, 357-361.	1.7	3
161	Environmental constraints in the study of flexible segments of proteins. Journal of Biomolecular NMR, 1998, 11, 415-422.	1.6	3
162	Neurologically active plant compounds and peptide hormones: a chirality connection. FEBS Letters, 1999, 448, 217-220.	1.3	3

#	Article	IF	Citations
163	Solution conformation of câ€[Glnâ€Trpâ€Pheâ€Glyâ€Leuâ€Met], a NKâ€2 tachykinin antagonist. International Journal of Peptide and Protein Research, 1994, 44, 556-561.	0.1	3
164	Heat and cold denaturation of yeast frataxin: The effect of pressure. Biophysical Journal, 2022, 121, 1502-1511.	0.2	3
165	Solvent dependence of the helix-coil transition of poly-?-benzyl-L-glutamate. A PMR study. Biopolymers, 1973, 12, 1451-1458.	1.2	2
166	Carbon Magnetic Resonance Studies of the Self-Aggregation of Calf Thymus Histones. FEBS Journal, 1979, 100, 219-224.	0.2	2
167	Conformational changes of aspartate induced by high salt concentrations. Advances in Molecular Relaxation and Interaction Processes, 1982, 24, 15-26.	0.6	2
168	Influence of the Ionic Environment on the Conformation of Aspartic Acid and Possible Relevance to Its Neurotransmitter Action. Journal of Neurochemistry, 1983, 40, 903-907.	2.1	2
169	From oligopeptides to sweet proteins. Journal of Peptide Science, 2005, 11, 262-264.	0.8	2
170	The Origin of Unpleasant Aftertastes in Synthetic Sweeteners: A Hypothesis. Frontiers in Molecular Biosciences, 2018, 5, 119.	1.6	2
171	An â€œonionâ€likeâ€•model of protein unfolding: collective versus site specific approaches. ChemPhysChem, 2021, , .	1.0	2
172	Recipes for Inducing Cold Denaturation in an Otherwise Stable Protein. Journal of the American Chemical Society, 2022, 144, 7198-7207.	6.6	2
173	Complexes of amides with cations of low charge density: 1H nuclear magnetic resonance study of the Ag+-dimethylacetamide complex. Chemical Communications / Chemical Society, London, 1968, , 844.	0.1	1
174	Treats and Tricks: The Magic World of Sweetness. Frontiers for Young Minds, 2017, 5, .	0.8	1
175	Striking Dependence of Protein Sweetness on Water Quality: The Role of the Ionic Strength. Frontiers in Molecular Biosciences, 2021, 8, 705102.	1.6	1
176	Conformational isomerization of 4,6,10,11,15,17,21,22,23,24,25,26,27,28-tetradecamethylpentacyclo-[16,2,2,1,2,1]octacosa-3,5,7,9,11,14,16,18,20,22,23,26-dodecae Chemical Communications / Chemical Society, London, 1968, , 1645.		1
177	Sweeter and Stronger: Structural-Driven Molecular Design to Enhance Sweetness and Stability of the Single Chain Monellin MNEI. Biophysical Journal, 2017, 112, 53a.	0.2	0
178	Metal detoxification and homeostasis in Antarctic Notothenioids. A comparative survey on evolution, expression and functional properties of fish and mammal metallothioneins. , 2006, , 369-383.		0