

CITATION REPORT

List of articles citing

Determination of the helix and beta form of proteins in aqueous solution by circular dichroism

DOI: 10.1021/bi00713a027
Biochemistry, 1974, 13, 3350-9.

Source: <https://exaly.com/paper-pdf/11908082/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
2037	Overall Structural Model of NS5A Protein from Hepatitis C Virus and Modulation by Mutations Confering Resistance of Virus Replication to Cyclosporin A.		
2036	Facile Chemoselective Modification of Thio-Ethers Generates Chiral Center-Induced Helical Peptides.		
2035	Molecular Insights into Human Serum Albumin as a Receptor of Amyloid- in the Extracellular Region.		
2034	The effects of neutral salts on the conformational transition of ceruloplasmin. 1975 , 405, 318-23		6
2033	Purification and characterization of glycoprotein from human erythrocyte membranes. 1975 , 6, 855-862		15
2032	Studies on the role and mode of operation of the very-lysine-rich histone H1 (F1) in eukaryote chromatin. The properties of the N-terminal and C-terminal halves of histone H1. 1975 , 57, 521-8		94
2031	Studies on the role and mode of operation of the very-lysine-rich histones in eukaryote chromatin. The conformation of phi1 histones from marine invertebrate sperm. 1975 , 59, 237-43		15
2030	Studies on cytochrome c. XI. Circular dichroism studies on synthetic peptides related to the C-terminal region of baker's yeast iso-1-cytochrome c. 1975 , 14, 2075-2093		10
2029	Circular dichroism estimate of secondary structure of glutamate dehydrogenase. 1975 , 97, 391-4		6
2028	Conformational changes in the progesterone binding globulin-progesterone complex. <i>Biochemistry</i> , 1975 , 14, 3296-300	3.2	19
2027	Ionic strength induced structure in histone H4 and its fragments. <i>Biochemistry</i> , 1975 , 14, 3391-400	3.2	50
2026	Temperature dependence of the optical activity of human serum low density lipoprotein. The role of lipids. <i>Biochemistry</i> , 1975 , 14, 3357-62	3.2	28
2025	Circular dichroism studies of myoglobin and leghemoglobin. <i>Biochemistry</i> , 1975 , 14, 5141-9	3.2	72
2024	Circular dichroism and saccharide-induced conformational transitions of lectins from <i>Ricinus communis</i> . <i>Archives of Biochemistry and Biophysics</i> , 1975 , 169, 731-6	4.1	29
2023	Rabbit skeletal alpha-tropomyosin chains are in register. 1975 , 64, 1316-22		94
2022	The isolation and characterization of the ATPase inhibitory protein (TN-I) from bovine cardiac muscle. 1975 , 53, 1207-13		15
2021	The isolation and characterization of the tropomyosin binding component (TN-T) of bovine cardiac troponin. 1976 , 54, 546-52		20

2020	Studies on secondary structure in chicken egg-white lysozyme after reductive cleavage of disulfide bonds. <i>Biochemistry</i> , 1976 , 15, 2906-12	3.2	38
2019	Physical and chemical properties of Moloney murine leukemia virus p30 protein: a major core structural component exhibiting high helicity and self-association. 1976 , 107, 131-43		26
2018	Studies on chemically modified fibrinogen. II. Physicochemical properties of maleylated fibrinogen. 1976 , 9, 359-68		5
2017	Conformation of snake toxins [proceedings]. 1976 , 14, 410-1		
2016	Physical-chemical studies on the role of the metal ions in concanavalin A. 1976 , 102, 441-51		35
2015	Conformational study of alpha1-acid glycoprotein. <i>Archives of Biochemistry and Biophysics</i> , 1976 , 175, 400-9	4.1	65
2014	Studies of human transcortin at different pHs: circular dichroism, polymerisation and binding affinity. 1976 , 64, 278-84		17
2013	Circular dichroism study of the interaction of glutamyl-tRNA synthetase with tRNA ^{Glu} 2. <i>Biochemistry</i> , 1976 , 15, 4347-52	3.2	37
2012	Physical studies on the H3/H4 histone tetramer. <i>Biochemistry</i> , 1976 , 15, 2261-7	3.2	87
2011	Purification and characterization of the catalytic subunit of adenosine 3':5'-cyclic monophosphate-dependent protein kinase from bovine liver. <i>Biochemical Journal</i> , 1976 , 159, 409-22	3.8	270
2010	Isolation and characterization of human plasma alpha 1-proteinase inhibitor and a conformational study of its interaction with proteinases. <i>Biochemical Journal</i> , 1976 , 157, 339-51	3.8	43
2009	Thermal stability of immobilized enzymes circular dichroism, fluorescence and kinetic measurements of alpha-chymotrypsin attached to soluble carriers. 1976 , 63, 591-8		29
2008	Structural studies of chicken erythrocyte histone H5. 1976 , 67, 379-88		36
2007	A pH-dependent interaction between histones H2A and H2B involving secondary and tertiary folding. 1976 , 71, 337-50		90
2006	In vitro activation of glycoprotein hormones. Hybridization of subunits from thyrotropin, lutropin and human choriogonadotropin. 1976 , 446, 262-76		24
2005	Physicochemical studies on the creatine kinase M-line protein and its interaction with myosin and myosin fragments. 1976 , 453, 391-9		32
2004	Circular dichroism of corticotropin, fragment 1-24, and model compounds. An assessment of the contributions of the peptide chromophore and aromatic residues. 1976 , 15, 43-59		34
2003	Protein conformation in bacterial spinae. 1976 , 15, 2353-69		14

2002	Isolation and characterization of iron superoxide dismutase from <i>Bacillus megaterium</i> . 1976 , 7, 541-542		19
2001	The binding site of skeletal alpha-tropomyosin on troponin-T. 1977 , 55, 1032-8		73
2000	Identification of beta,beta-turns and unordered conformations in polypeptide chains by vacuum ultraviolet circular dichroism. 1977 , 74, 3208-12		157
1999	Conformation of beta-endorphin and beta-lipotropin: formation of helical structure in methanol and sodium dodecyl sulfate solutions. 1977 , 74, 3235-8		62
1998	A circular dichroic spectral study on disulfide-reduced pancreatic ribonuclease A and its renaturation to the active enzyme. 1977 , 82, 1127-33		24
1997	Reversible denaturation of rabbit muscle creatine kinase [proceedings]. 1977 , 5, 761-4		7
1996	Structural studies on the freezing-point-depressing protein of the winter flounder <i>Pseudopleuronectes americanus</i> . 1977 , 74, 685-9		62
1995	Cytosol superoxide dismutase from swordfish (<i>Xiphias gladius</i> L.) liver. 1977 , 56, 235-238		1
1994	Circular dichroism of turnip peroxidases. 1977 , 55, 804-11		12
1993	Secondary structure of histones and DNA in chromatin. 1977 , 197, 385-8		122
1992	Polymerizability of rabbit skeletal tropomyosin: effects of enzymic and chemical modifications. <i>Biochemistry</i> , 1977 , 16, 2264-9	3.2	108
1991	Circular dichroism and saccharide-induced conformational transitions of wheat germ agglutinin. <i>Archives of Biochemistry and Biophysics</i> , 1977 , 178, 625-30	4.1	42
1990	Further studies of detergent-induced conformational transitions in proteins. Circular dichroism of ovalbumin, bacterial alpha-amylase, papain, and beta-lactoglobulin at various pH values. <i>Archives of Biochemistry and Biophysics</i> , 1977 , 181, 137-46	4.1	53
1989	Circular dichroic study of rat alpha-fetoprotein. 1977 , 78, 194-8		7
1988	Nuclear magnetic resonance studies on rabbit uteroglobin. 1977 , 83, 217-21		8
1987	Physical properties of ribosomal protein S1 and its interaction with the 30 S ribosomal subunit of <i>Escherichia coli</i> . 1977 , 112, 399-421		99
1986	Effect of dioxane on the conformation of lysozyme at low pH. I. Studies by circular dichroism and viscosity measurements. 1977 , 81, 1769-79		6
1985	Circular dichroism of insulin A chain in water: trifluoroethanol mixtures. Use of linear and nonlinear least squares analysis. 1977 , 7, 41-9		5

1984	Equivalency of linear least squares curve fitting and reciprocal functions in protein circular dichroic spectra analysis. 1977 , 7, 223-7	4
1983	Circular dichroism and conformation of human alpha1-antitrypsin. 1977 , 493, 352-8	13
1982	Laser Raman spectra of calf thymus histones H1, H2A, and H2B. 1977 , 491, 423-33	13
1981	The secondary structure of myelin basic protein extracted by deoxycholate. 1977 , 491, 581-90	41
1980	Least-squares analysis of circular dichroic spectra of proteins. 1977 , 74, 421-4	7
1979	Physical studies on the conformation of ribosomal protein S4 from Escherichia coli. 1977 , 78, 153-9	13
1978	The location of secondary structure in histone H4. 1977 , 79, 535-48	15
1977	Comparative studies on the structures of the heat labile beta-N-acetylhexosaminidases from human plasma and placenta. 1977 , 8, 113-20	5
1976	Circular dichroism of human urinary Tamm-Horsfall glycoprotein. 1977 , 15, 109-16	4
1975	Enzymatic fragmentation of tetanus toxin. Identification and characterization of an atoxic, immunogenic fragment. 1978 , 21, 23-31	8
1974	The effects of pH and temperature on the circular dichroism of human erythrocyte membranes. 1978 , 9, 15-22	8
1973	Circular dichroism studies on the effects of sodium dodecyl sulfate on the conformation of some phytohemagglutinins. 1978 , 536, 205-11	19
1972	Isolation, purification and characterization of creatine kinase from bovine cardiac muscle. 1978 , 534, 38-47	14
1971	Renaturation of a reduced Taiwan cobra cardiotoxin. 1978 , 533, 105-11	5
1970	Isolation and characterization of the 165 000 dalton protein component of the M-line of rabbit skeletal muscle and its interaction with creatine kinase. 1978 , 533, 248-56	22
1969	Circular dichroic properties of rat liver arginase. 1978 , 9, 757-9	8
1968	Circular dichroism of catechol 1,2-dioxygenase from Acinetobacter calcoaceticus. 1978 , 7, 115-119	1
1967	The conformation of histone H5. Isolation and characterisation of the globular segment. 1978 , 88, 363-71	118

1966	A circular dichroic investigation of the secondary structure of lectins. 1978 , 17, 2107-2120		29
1965	Conformational properties of the N-terminal residues of S-peptide. I. The ribonuclease S? system. 1978 , 17, 2525-2543		5
1964	Conformational properties of the N-terminal residues of S-peptide. II. The guanidine hydrochloride-water-trifluoroethanol system. 1978 , 17, 2545-2559		12
1963	Circular dichroic analysis of protein conformation: inclusion of the beta-turns. 1978 , 91, 13-31		1058
1962	Serum glycoproteins in fibroblast spreading on glass. 1978 , 312, 453-6		3
1961	Circular dichroism studies on cytochrome c peroxidase from baker's yeast (<i>Saccharomyces cerevisiae</i>). 1978 , 536, 212-25		21
1960	The influence of chemical modification on the biological properties of cloacin DF13. 1978 , 85, 1025-30		
1959	Circular dichroism and structure- function relationships in cloacin DF13- immunity protein complex. 1978 , 80, 97-103		5
1958	Prediction of the conformation of the cow and sheep kappa-caseins. 1978 , 23, 323-36		54
1957	Laser Raman light-scattering observations of conformational changes in myosin induced by inorganic salts. 1978 , 23, 349-58		45
1956	Conformational prediction and circular dichroism studies on ribosomal protein S4 from <i>Escherichia coli</i> . 1978 , 23, 359-73		11
1955	Blood glycoprotein from antarctic fish. Possible conformational origin of antifreeze activity. 1978 , 540, 346-56		44
1954	Thermal denaturation of nucleosomal core particles. 1978 , 5, 139-60		174
1953	Circular dichroism studies on lipid-protein complexes of a hydrophobic myelin protein. <i>Biochemistry</i> , 1978 , 17, 624-9	3.2	53
1952	Metal ion induced conformational transitions of prothrombin and prothrombin fragment 1. <i>Biochemistry</i> , 1978 , 17, 4430-8	3.2	127
1951	Conformational states of a hydrophobic protein. The coat protein of fd bacteriophage. <i>Biochemistry</i> , 1978 , 17, 1239-46	3.2	67
1950	Stability and troponin-T binding properties of rabbit skeletal alpha-tropomyosin fragments. 1978 , 87, 95-8		19
1949	Chloroplast coupling factor CF1 in solution Small-angle X-ray scattering and circular dichroism measurements. 1978 , 87, 265-268		13

1948	Salt-induced conformational changes in, and secondary structure analysis of, halophile ribosomal 'A' proteins equivalent to EL7/EL12. 1978 , 85, 279-82	4
1947	Conformation of diphtheria toxin and an enzymically-active fragment. 1978 , 89, 59-63	8
1946	Circular dichroism of limulin: Limulus polyphemus lectin. 1978 , 91, 233-6	9
1945	Non-polymerizability of platelet tropomyosin and its NH ₂ - and COOH-terminal sequences. 1978 , 91, 237-41	58
1944	Comparative optical properties of free and assembled hexon capsomeres of human adenovirus type 2. 1977 , 85, 52-6	7
1943	Association of the major coat protein of fd bacteriophage with phospholipid vesicles. 1978 , 510, 18-37	34
1942	Altered erythrocyte membrane proteins in sickle cell patients associated with the severity of the disease. 1978 , 19, 95-107	4
1941	Nature and reactivity of platinum-pyrimidine blues with biomacromolecules. 1978 , 27, 1571-6	8
1940	Circular Dichroism and Saccharide-Induced Conformational Transitions of Soybean Agglutinin. 1979 , 67-75	4
1939	Thermometric titration studies of the interaction of block polypeptides with surfactants. 1979 , 18, 1889-1900	11
1938	Denaturation of cobalt-carbonic anhydrase B from bovine erythrocyte. 1979 , 18, 2893-904	9
1937	Determination of the secondary structures of proteins by circular dichroism spectra. Calculation of the protein basic circular dichroism spectra for antiparallel and parallel β structures and β bends. 1979 , 16, 819-824	26
1936	Nephrotoxicity of Bence Jones proteins in the rat: importance of protein isoelectric point. 1979 , 16, 345-52	83
1935	Purification of tryptophan synthase from Saccharomyces cerevisiae and partial activity of its nicked subunits. 1979 , 102, 167-72	20
1934	Cleavage of elongation factor G into compact domains. 1979 , 99, 585-91	11
1933	Rhodopsin: its molecular substructure and phospholipid interactions. 1979 , 29, 671-7	20
1932	Some conformational studies of larval cuticular protein from Calliphora vicina. 1979 , 9, 557-561	22
1931	Receptor binding and conformational properties of bovine and ovine prolactins after chemical modification of the two tryptophan residues. 1979 , 578, 125-34	3

1930	Circular dichroic analysis of the secondary structure of myelin basic protein and derived peptides bound to detergents and to lipid vesicles. 1979 , 578, 381-91		70
1929	Circular dichroism studies on cytochrome c peroxidase and cytochrome c-551 of <i>Pseudomonas aeruginosa</i> . 1979 , 578, 392-400		20
1928	s-Cis and s-trans isomerism of the His-Pro peptide bond in angiotensin and thyroliberin analogues. <i>Biochemistry</i> , 1979 , 18, 1952-7	3.2	34
1927	Comparison of the linear least mean squares procedure and the vector projection method of spectral analysis. 1979 , 78, 167-83		2
1926	Block poly(Ala)-poly(Lys). A water-soluble model for intrinsic membrane proteins?. 1979 , 557, 331-9		4
1925	Conformational analysis of a snake neurotoxin by prediction from sequence, circular dichroism, and raman spectroscopy. <i>Archives of Biochemistry and Biophysics</i> , 1979 , 193, 407-14	4.1	15
1924	Effect of nitration on prolactin activities. <i>Archives of Biochemistry and Biophysics</i> , 1979 , 192, 112-9	4.1	11
1923	Covalent modification as the cause of the anomalous kinetics of aryl sulfatase A. <i>Archives of Biochemistry and Biophysics</i> , 1979 , 195, 248-51	4.1	20
1922	Spectroscopic studies on the urea denaturation of hemocyanin from the Australian freshwater crayfish <i>Cherax destructor</i> . <i>Archives of Biochemistry and Biophysics</i> , 1979 , 196, 248-54	4.1	3
1921	Hog thyroid peroxidase: physical, chemical, and catalytic properties of the highly purified enzyme. <i>Archives of Biochemistry and Biophysics</i> , 1979 , 194, 244-57	4.1	80
1920	Purification and some optical characteristics of flagellar ATPase dynein I from sea urchin sperm. 1979 , 106, 397-400		6
1919	Compact globular structure of protein S15 from <i>Escherichia coli</i> ribosomes. 1979 , 105, 63-9		18
1918	Physical properties of collagen--sodium dodecyl sulfate complexes. <i>Biochemistry</i> , 1979 , 18, 4761-8	3.2	64
1917	5S RNA-protein complex from an extreme halophile, <i>Halobacterium cutirubrum</i> . Comparative studies on reconstituted complexes. <i>Biochemistry</i> , 1979 , 18, 2855-9	3.2	6
1916	Conformational and immunochemical analysis of the cyanogen bromide fragments of thermolysin. <i>Biochemistry</i> , 1979 , 18, 3023-31	3.2	37
1915	Isolation and characterization of a major outer membrane protein of <i>Pseudomonas aeruginosa</i> . Evidence for the occurrence of a lipoprotein. 1979 , 85, 115-22		41
1914	Isolation and characterization of major outer membrane proteins of <i>Pseudomonas aeruginosa</i> strain PAO with special reference to peptidoglycan-associated protein. 1979 , 86, 979-89		52
1913	Conformational Stability of Ribonuclease T1I. Thermal Denaturation and Effects of Salts1. 1979 ,		

1912	Ligand-induced conformational transitions and secondary structure composition of chicken liver pyruvate carboxylase. <i>Biochemical Journal</i> , 1979 , 177, 697-705	3.8	8
1911	The Effect of Sugars on the Thermal Denaturation of Lysozyme. 1980 , 53, 2451-2455		99
1910	An Application of the Extended Principal Component Analysis to Circular Dichroism and Optical Rotatory Dispersion. A Case of Poly(L-glutamic acid) in the Helix-Coil Transition Region. 1980 , 53, 968-974		6
1909	Hydrophobic interaction between the monomer of mitochondrial malate dehydrogenase and phospholipid membranes. <i>Biochemical Journal</i> , 1980 , 186, 227-33	3.8	5
1908	Circular dichroic, infrared and other studies on the protein component of pig brain thromboplastin. <i>Biochemical Journal</i> , 1980 , 189, 209-18	3.8	10
1907	Physicochemical Studies of Conglutin α Storage Globulin From Seeds of <i>Lupinus angustifolius</i> . 1980 , 7, 1		13
1906	Characterization of globin domains: heme binding to the central exon product. 1980 , 77, 1384-8		92
1905	Darstellung, Charakterisierung und Konformationsbestimmung eines Undekapeptidhydrazids der N-terminalen Alamethicin-Sequenz. 1980 , 1980, 1489-1506		21
1904	Relaxin-insulin homology: predictions of secondary structure and lack of competitive binding. 1980 , 11, 357-62		11
1903	A computer-assisted model for estimating protein secondary structure from circular dichroic spectra: comparison of animal lactate dehydrogenases. 1980 , 104, 160-7		108
1902	Circular dichroism and conformational analysis of the membrane-modifying peptide N-t-Boc-(Aib-L-Ala) ⁵ -Gly-Ala-Aib-Pro-Ala-Aib-Aib-Glu-(OBzl)-Gln-OMe with respect to alamethicin. 1980 , 19, 203-14		54
1901	The role of surface ions in a model for peptide adsorption to whole bovine dental enamel. 1980 , 76, 220-226		27
1900	Conformation of colipase. Prediction of the secondary structure, circular dichroism and 360 MHz proton NMR studies of porcine colipase A. 1980 , 621, 29-42		33
1899	Solution studies on heme proteins. Circular dichroism and optical rotation of <i>Glycera dibranchiata</i> hemoglobins. 1980 , 624, 346-62		9
1898	The secondary structure of staphylococcal enterotoxins A, B and C. 1980 , 621, 233-40		13
1897	The refolding of denatured rabbit muscle creatine kinase. 1980 , 621, 305-14		43
1896	Circular dichroism comparative studies of two bacterial collagenases and thermolysin. 1980 , 624, 51-9		20
1895	Structure of milk lactoperoxidase. A study using circular dichroism and difference absorption spectroscopy. 1980 , 624, 249-59		41

1894	Ligand-dependent allosteric transformation of hemoglobins from the blood clam, <i>Anadara broughtonii</i> . 1980 , 625, 318-27		16
1893	CHEMICAL AND CONFORMATIONAL CHANGES OF OVALBUMIN DUE TO THE MAILLARD REACTION. 1980 , 3, 263-274		18
1892	The structure of sea-urchin-sperm histone phi 1 (H1) in chromatin and in free solution. Trypsin digestion and spectroscopic studies. 1980 , 104, 263-70		24
1891	Temperature behaviour of human serum albumin. 1980 , 104, 469-78		190
1890	The effect of amphipaths on the flavin-linked aerobic glycerol-3-phosphate dehydrogenase from <i>Escherichia coli</i> . 1980 , 58, 1172-8		12
1889	Compact globular conformation of protein S4 from <i>Escherichia coli</i> ribosomes. 1980 , 137, 93-107		26
1888	Determination of protein secondary structure in solution by vacuum ultraviolet circular dichroism. 1980 , 138, 149-78		725
1887	Correlation between circular dichroism data and biological activities of 2,5 substituted enkephalin analogues. 1980 , 27, 129-33		18
1886	Nucleosome core protein: asymmetric dissociation of the octamer. 1980 , 607, 480-9		5
1885	The structural basis of anomalous kinetics of rabbit liver aryl sulfatase A. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 203, 11-24	4.1	17
1884	Structure and action of heteronemertine polypeptide toxins: inactivation of <i>Cerebratulus lacteus</i> toxin B-IV by tyrosine nitration. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 203, 816-21	4.1	17
1883	Structure and action of heteronemertine polypeptide toxins: inactivation of <i>Cerebratulus lacteus</i> toxin B-IV concomitant with tryptophan alkylation. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 203, 822-6	4.1	19
1882	Circular dichroism studies of ferredoxin:protein complexes. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 199, 117-22	4.1	14
1881	Molecular transitions of human thyroxine-binding globulin. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 200, 288-95	4.1	7
1880	Conformational changes of <i>Carcinus maenas</i> haemocyanin induced by urea. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 202, 277-88	4.1	14
1879	Circular dichroism spectroscopic studies of native and turnover-modified sulfatase A. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 202, 661-3	4.1	
1878	A method for the preparation of human thyroxine-binding globulin; its importance in the establishment of an accurate and specific radioimmunoassay. 1980 , 104, 25-41		11
1877	The estimation of protein secondary structure by laser Raman. Spectroscopy from the amide III' intensity distribution. 1980 , 115, 306-8		22

1876	Influence of chemical modifications of amino acid side chains on the binding of progesterone to uteroglobin. 1980 , 13, 1347-53		5
1875	Physical and enzymatic properties of myosin from porcine brain. 1980 , 32, 705-18		20
1874	Characterization of the inhibitory (epsilon) subunit of the proton-translocating adenosine triphosphatase from <i>Escherichia coli</i> . <i>Biochemistry</i> , 1980 , 19, 526-31	3.2	120
1873	Conformational dynamics of insulin in solution. Circular dichroic studies. <i>Biochemistry</i> , 1980 , 19, 5043-9	3.2	118
1872	Conformation and association of pancreatic polypeptide from three species. <i>Biochemistry</i> , 1980 , 19, 1838-43		43
1871	Circular dichroism spectroscopy of bovine pancreatic trypsin inhibitor and five altered conformational states. Relationship of conformation and the refolding pathway of the trypsin inhibitor. <i>Biochemistry</i> , 1981 , 20, 5744-54	3.2	88
1870	Procedure for purification of <i>Escherichia coli</i> ribonucleic acid synthesis termination protein rho. <i>Biochemistry</i> , 1981 , 20, 1640-5	3.2	52
1869	Molecular characterization of human clathrin. <i>Biochemistry</i> , 1981 , 20, 2777-82	3.2	42
1868	Characterization of a new sarcoplasmic calcium-binding protein with magnesium-induced cooperativity in the binding of calcium. <i>Biochemistry</i> , 1981 , 20, 5430-6	3.2	55
1867	Effect of long-chain alkyl sulfate binding on circular dichroism and conformation of soybean trypsin inhibitor. <i>Biochemistry</i> , 1981 , 20, 1630-4	3.2	17
1866	Kinetics of collagen fold formation in human type I procollagen and the effect of disulfide bonds. <i>Biochemistry</i> , 1981 , 20, 1857-65	3.2	18
1865	The effect of terbium on the structure of actin and myosin subfragment 1 as measured by circular dichroism. 1981 , 127, 245-9		6
1864	Effect of phospholipids on the length of the helical segments in the fatty acid synthetase complex from <i>Ceratitis capitata</i> . 1981 , 126, 253-6		7
1863	Study of the secondary and tertiary structure of ribosomal protein S7 from <i>Escherichia coli</i> in solution. 1981 , 130, 279-82		3
1862	Conformation of pepsin and pepsinogen: some aspects of the role of tyrosine residues and the 1-44 segment of pepsinogen on conformational stability. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 207, 135-40	4.1	7
1861	Conformational study of native and acid-dissociated states of porcine lutropin (pLH) by vacuum circular dichroism and ultraviolet absorption spectroscopy. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 209, 480-5	4.1	6
1860	Raman study of crystalline peptides containing beta turns. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 211, 628-31	4.1	25
1859	The interaction of Ca ²⁺ with human Factor IX. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 208, 576-85	4.1	40

1858	Non-polymerizable tropomyosin: preparation, some properties and F-actin binding. 1981 , 101, 208-14		80
1857	Determination of the secondary structure of proteins from the amide I band of the laser Raman spectrum. 1981 , 152, 783-813		131
1856	Renaturation of bovine erythrocyte carbonic anhydrase B denatured by acid, heat, and detergent. <i>Biochemistry</i> , 1981 , 20, 3062-7	3.2	45
1855	Incorporation of melittin into phosphatidylcholine bilayers. Study of binding and conformational changes. 1981 , 134, 37-42		151
1854	Calcium ion-protein interactions in prothrombin activation. 1981 , 370, 366-77		1
1853	Triosephosphate isomerase from the insect <i>Ceratitis capitata</i> molecular and enzymic properties. 1981 , 70, 257-262		0
1852	Thermodynamics of polyol-induced thermal stabilization of chymotrypsinogen. 1981 , 90, 51-60		80
1851	Resistance of bovine band 3, a hydrophobic erythrocyte membrane protein, to denaturation of guanidine hydrochloride. 1981 , 89, 651-8		9
1850	Preparation and characterization of histone H1 from the sperm of the sea-urchin <i>Sphaerechinus granularis</i> . <i>Biochemical Journal</i> , 1981 , 195, 171-6	3.8	18
1849	Secondary and tertiary structural differences between histone H1 molecules from calf thymus and sea-urchin (<i>Sphaerechinus granularis</i>) sperm. <i>Biochemical Journal</i> , 1981 , 197, 655-60	3.8	26
1848	Chemical and physical characterization of a proline-rich polypeptide from sheep colostrum. <i>Biochemical Journal</i> , 1981 , 199, 9-15	3.8	37
1847	The effects of anions on fumarate reductase isolated from the cytoplasmic membrane of <i>Escherichia coli</i> . <i>Biochemical Journal</i> , 1981 , 199, 473-7	3.8	12
1846	The Binding of Sodium Dodecyl Sulfate to Lysozyme in Aqueous Solutions. 1981 , 54, 3122-3127		48
1845	The sea urchin sperm histone H2B readily forms a complex with heterologous H2A despite having an elongated N-terminal domain. 1981 , 114, 629-34		10
1844	Structural studies of the non-histone chromosomal proteins HMG-T and H6 from trout testis. 1981 , 119, 545-51		19
1843	Conformation studies of histone H1(0) in comparison with histones H1 and H5. 1981 , 120, 371-7		54
1842	Spectroscopic investigations of peptide 401 from bee venom. 1981 , 20, 373-385		16
1841	High-resolution study of the helix-coil transition of poly(L-glutamic acid): Spectroscopic data correlation and the discovery of a new transition. 1981 , 20, 695-705		12

1840	Determination of the stereochemistry of condensation products between polydiamines and polydioxo compounds by circular dichroism, ¹ H NMR and x-ray diffraction. 1981 , 37, 2477-2484	7
1839	O ₂ binding properties of the product of the central exon of beta-globin gene. 1981 , 291, 87-90	51
1838	Fractionation of potato juice proteins into acid-soluble and acid-coagulable fractions?. 1981 , 6, 323-335	14
1837	Conformational change in fibrinogen desorbed from glass surface. 1981 , 84, 263-265	64
1836	Influence of irradiation on conformational characteristics of insulin molecules in medicinal preparations. 1981 , 15, 752-756	
1835	Purification and characterisation of the cyclic AMP-dependent protein kinase, the C- and the R-protein from bovine liver. 1981 , 670, 47-55	2
1834	Subunit structure and dissociation of Callinectes sapidus hemocyanin. 1981 , 667, 44-58	23
1833	Dependence on lipid structure of the coil-to-helix transition of bovine myelin basic protein. 1981 , 668, 107-18	37
1832	Effects of chemical modification on the conformation and biological activity of peanut agglutinin. 1981 , 668, 149-59	6
1831	Novel transient circular dichroic spectra with a trough near 230 nm observed in the denaturation processes of lectins by sodium dodecyl sulfate. 1981 , 668, 193-6	6
1830	A characterization of abrin A from the seeds of the Abrus precatorius plant. 1981 , 667, 397-410	15
1829	[A ² -Norleucine]insulin. An analog with unanticipated biological properties. 1981 , 362, 629-38	12
1828	Circular dichroism spectra of hemoglobins. 1981 , 76, 262-75	47
1827	Theory of helix-to-random coil transitions of two-chain, coiled coils. Application to a synthetic analog of tropomyosin. 1982 , 15, 812-821	19
1826	Studies on puromycin by chemical modifications. 1982 , 91, 257-63	48
1825	Structure of the lambda tof repressor protein in solution. Heat stability and its relation to binding ability to DNA. 1982 , 91, 1213-21	21
1824	Optical activity measurements for elucidating structure-function relationships in muscle protein systems. 1982 , 85 Pt B, 677-98	3
1823	Ultraviolet circular dichroism of rhodopsin in disk membranes and detergent solution. 1982 , 81, 629-33	3

1822	Precise elimination of the N-terminal domain of histone H1. <i>Biochemical Journal</i> , 1982 , 203, 577-82	3.8	14
1821	Chemical, photochemical and spectroscopic characterization of an alkaline proteinase from <i>Bacillus subtilis</i> variant DY. <i>Biochemical Journal</i> , 1982 , 207, 193-200	3.8	38
1820	Effects of pH and urea on the conformational properties of subtilisin DY. <i>Biochemical Journal</i> , 1982 , 207, 201-5	3.8	11
1819	Two new low-molecular-weight acidic proteins from calf thymus nuclei that resemble HMG (high-mobility-group) proteins 14 and 17. <i>Biochemical Journal</i> , 1982 , 207, 519-27	3.8	4
1818	Preliminary circular dichroism study of the conformations of intermediates trapped during protein folding. 1981 , 63, 835-9		7
1817	Conformational analysis of corticotropin (ACTH) and conformation-activity relationship. 1981 , 63, 907-10		5
1816	Conformational studies of the helical proteins from wool keratin by c.d.. 1982 , 4, 165-172		18
1815	Secondary structure in ribonuclease. I. Equilibrium folding transitions seen by amide circular dichroism. 1982 , 157, 331-55		65
1814	Role of aromatic residues in the structure-function relationship of alpha-bungarotoxin. <i>Biochemistry</i> , 1982 , 21, 2592-600	3.2	28
1813	Circular dichroism and thermal denaturation studies of subnucleosomes and their relationships to nucleosome structure. <i>Biochemistry</i> , 1982 , 21, 4362-70	3.2	11
1812	Studies on the relationship of disulfide bonds to the formation and maintenance of secondary structure in chicken egg white lysozyme. <i>Biochemistry</i> , 1982 , 21, 967-77	3.2	29
1811	Sulfhydryl chemistry and solubility properties of human plasma apolipoprotein B. <i>Biochemistry</i> , 1982 , 21, 4503-11	3.2	101
1810	Glucagon carboxyl-terminal derivatives: preparation, purification, and characterization. <i>Biochemistry</i> , 1982 , 21, 940-50	3.2	22
1809	Conformation and orientation of the protein in the bacterial photosynthetic reaction center. 1982 , 682, 273-280		35
1808	Structure and mechanism of action of riboflavin-binding protein: small-angle X-ray scattering, sedimentation, and circular dichroism studies on the holo- and apoproteins. <i>Archives of Biochemistry and Biophysics</i> , 1982 , 214, 714-25	4.1	32
1807	Secondary structure of sea anemone toxins. 1982 , 141, 124-127		13
1806	Secondary structure of the cecropins: antibacterial peptides from the moth <i>Hyalophora cecropia</i> . 1982 , 137, 283-7		102
1805	Isolation of thermostable structure from the fibrinogen D fragment. 1982 , 146, 339-42		16

1804	Effects of Reducing Agent on the Conformation of the Isolated Subunits of Ribulose Bisphosphate Carboxylase-Oxygenase from Cold-Hardened and Unhardened Rye. 1982 , 106, 69-80		10
1803	[25-oxindolylalanine]glucagon and [27-methionine sulfoxide]glucagon: preparation, purification, and characterization. <i>Biochemistry</i> , 1982 , 21, 4974-81	3.2	16
1802	The effect of guanidine hydrochloride on the conformation of bovine pancreatic DNAase I as measured with circular dichroism. 1982 , 700, 165-70		2
1801	Purification and physicochemical characterization of human alpha 2-HS-glycoprotein. 1982 , 701, 200-5		20
1800	Conformational studies of Escherichia coli pyruvate oxidase. 1982 , 705, 321-9		12
1799	Comparative study of the conformational features of rat immunoglobulin G subclasses by circular dichroism. 1982 , 701, 93-101		2
1798	Enzymic synthesis of steroid sulphates. XV. Structural domains of oestrogen sulphotransferase. 1982 , 707, 28-37		6
1797	Circular dichroism studies of human factor H. A regulatory component of the complement system. 1982 , 709, 58-64		21
1796	Factors determining the reconstructive denaturation of proteins in sodium dodecyl sulfate solutions. Further circular dichroism studies on structural reorganization of seven proteins. 1982 , 1, 71-84		16
1795	Prediction of secondary structural elements in the phosphatidylcholine-transfer protein from bovine liver. 1982 , 121, 391-4		28
1794	A structural study of filamin, a high-molecular-weight actin-binding protein from chicken gizzard. 1982 , 121, 553-9		18
1793	Effects of palmitoyl-CoA on the structure-function of the fatty acid synthetase complex from <i>Ceratitidis capitata</i> . 1982 , 14, 1061-6		4
1792	Experimental errors and their effect on analyzing circular dichroism spectra of proteins. 1982 , 125, 177-88		108
1791	Influence of hemin on the conformation of cyanogen bromide-cleaved peptides of apomyoglobin. 1982 , 21, 805-15		9
1790	Influence of surfactants on the conformation of beta-lactoglobulin B using circular dichroism. 1982 , 21, 895-908		22
1789	Vibrational circular dichroism in amino acids and peptides. 7. Amide stretching vibrations in polypeptides. 1982 , 21, 2161-83		67
1788	Isolation, characterization, and spontaneous interconversion of two forms of human prostatic acid phosphatase. 1982 , 3, 165-81		17
1787	Conditions for the Formation of Heat-Induced Gels of Some Globular Food Proteins. 1982 , 47, 1241-1244		66

1786	Conformation and domain structure of the non-histone chromosomal proteins, HMG 1 and 2. Isolation of two folded fragments from HMG 1 and 2. 1983 , 131, 367-74		40
1785	Complex formation in sonicated mixtures of β -lactoglobulin and phosphatidylcholine. 1983 , 18, 111-118		63
1784	Chemical and spectroscopic evidence on the homology of three antitumor proteins: β -barcin, mitogillin, and restrictocin. 1983 , 2, 251-261		28
1783	Circular dichroism and conformational properties of modeccin, a toxic protein. 1983 , 2, 105-111		1
1782	Instability of terminal amino acid residues in oligopeptides in sodium dodecyl sulfate solution. 1983 , 746, 72-80		14
1781	Structure and dipole moment of melittin molecules in butanol/water as derived from dielectric dispersion and circular dichroism. 1983 , 745, 189-193		6
1780	Dimerization occurs during the reversible acid inactivation of 2-oxo-4-hydroxyglutarate aldolase from <i>Escherichia coli</i> . 1983 , 749, 52-61		4
1779	Comparisons of the structures of the chromosomal high mobility group proteins HMG1 and HMG2 prepared under conditions of neutral and acidic pH. 1983 , 745, 70-81		21
1778	NMR studies of myelin basic protein. X. Conformation of a determinant encephalitogenic in the rabbit. 1983 , 748, 176-83		19
1777	Domain characteristics of the carboxyl-terminal fragment 206-316 of thermolysin. 1983 , 22, 69-78		23
1776	Tyrosine optical activity as a probe of the conformation and interactions of fibronectin. 1983 , 22, 821-31		35
1775	Circular dichroism studies of freeze-drying-induced conformational changes in human hemoglobin. 1983 , 22, 2367-81		12
1774	Spectral studies on the calcium binding properties of bovine brain S-100b protein. <i>Biochemistry</i> , 1983 , 22, 1734-40	3.2	64
1773	Circular dichroism and fluorescence studies on a cation channel forming plasma membrane proteolipid. <i>Biochemistry</i> , 1983 , 22, 3330-5	3.2	25
1772	Self-association of the cardiac fatty acid binding protein. Influence on membrane-bound, fatty acid dependent enzymes. <i>Biochemistry</i> , 1983 , 22, 1863-72	3.2	63
1771	Shape and substructure of skeletal muscle myosin light chain kinase. <i>Biochemistry</i> , 1983 , 22, 4316-26	3.2	53
1770	Circular dichroism spectroscopy of the intermediates that precede the rate-limiting step of the refolding pathway of bovine pancreatic trypsin inhibitor. Relationship of conformation and the refolding pathway. <i>Biochemistry</i> , 1983 , 22, 2433-40	3.2	44
1769	Estimation of protein secondary structure from the laser Raman amide I spectrum. 1983 , 166, 581-603		168

1768	Structure of 7S seed globulin from <i>Phaseolus vulgaris</i> L. in solution. 1983 , 5, 356-360		21
1767	Coat protein conformation in M13 filaments, I-forms and spheroids. 1983 , 112, 349-55		8
1766	The dependence of the molecular dynamics of calmodulin upon pH and ionic strength. <i>Archives of Biochemistry and Biophysics</i> , 1983 , 222, 158-69	4.1	16
1765	Studies of the structure of bacteriophage lambda cro protein in solution. Analysis of the circular dichroism data. 1983 , 155, 291-4		12
1764	Temperature-dependent conformational changes in isolated oligomycin-sensitive ATPase. 1983 , 155, 131-4		9
1763	Peptide-chain secondary structure of bacteriorhodopsin. 1983 , 43, 81-9		99
1762	Immunochemical and spectral studies on <i>Vicia faba</i> agglutinin. 1983 , 93, 763-9		20
1761	The denaturation of rabbit muscle phosphorylase b by guanidinium chloride. <i>Biochemical Journal</i> , 1983 , 213, 595-602	3.8	6
1760	Structural studies on the microfibrillar proteins of wool. Interaction between alpha-helical segments and reassembly of a four-chain structure. <i>Biochemical Journal</i> , 1983 , 209, 587-95	3.8	57
1759	The refolding of denatured rabbit muscle pyruvate kinase. <i>Biochemical Journal</i> , 1983 , 209, 763-70	3.8	13
1758	Structural and circular-dichroism studies on the interaction between human C1-esterase inhibitor and C1s. <i>Biochemical Journal</i> , 1983 , 213, 617-24	3.8	19
1757	The proteolytic digestion of ox neurofilaments with trypsin and alpha-chymotrypsin. <i>Biochemical Journal</i> , 1983 , 215, 239-52	3.8	62
1756	Autoactivation of human complement subcomponent C1r involves structural changes reflected in modifications of intrinsic fluorescence, circular dichroism and reactivity with monoclonal antibodies. <i>Biochemical Journal</i> , 1983 , 215, 369-75	3.8	14
1755	Differential Absorption and Differential Scattering of Circularly Polarized Light: Applications to Biological Macromolecules. 1984 , 35, 329-355		31
1754	Effects of laser radiation on <i>Rhus vernicifera</i> laccase, Type 2 Cu-depleted laccase, and stellacyanin. 1984 , 20, 87-92		2
1753	Shape, symmetry, hydration and secondary structure of the legumin from <i>Vicia faba</i> in solution. 1984 , 784, 140-6		51
1752	Conformational studies on rat alpha-lactalbumin. 1984 , 786, 57-61		6
1751	Stability and physicochemical properties of a trypsin inhibitor from winged bean seed (<i>Psophocarpus tetragonolobus</i> (L)DC). 1984 , 791, 285-93		14

1750	A helix stop signal in the isolated S-peptide of ribonuclease A. 1984 , 307, 329-34		184
1749	Effects of high-performance liquid chromatographic solvents and hydrophobic matrices on the secondary and quaternary structure of a model protein. 1984 , 317, 129-140		134
1748	Conformation and domain structure of the non-histone chromosomal proteins HMG 1 and 2. Domain interactions. 1984 , 143, 323-30		23
1747	Preparation of red-cell-membrane cytoskeletal constituents and characterisation of protein 4.1. 1984 , 144, 375-9		48
1746	Circular dichroism study of thyroxine-binding globulin derivatized with p-iodophenylsulfonyl chloride. 1984 , 16, 575-7		3
1745	Studies on components 1' (modified monomer) and 2 (dimer) formed during heat-treatment of bovine serum albumin. 1984 , 262, 470-476		5
1744	Role of the protein alpha helices in histone-DNA interactions studied by vibrational spectroscopy. <i>Biochemistry</i> , 1984 , 23, 2644-50	3.2	14
1743	Independent folding of the carboxyl-terminal fragment 228-316 of thermolysin. <i>Biochemistry</i> , 1984 , 23, 5512-9	3.2	22
1742	Exploring the conformational roles of signal sequences: synthesis and conformational analysis of lambda receptor protein wild-type and mutant signal peptides. <i>Biochemistry</i> , 1984 , 23, 3111-4	3.2	115
1741	Conformational domains and structural transitions of human von Willebrand protein. <i>Biochemistry</i> , 1984 , 23, 3880-6	3.2	14
1740	Identification and isolation of vinculin from platelets. 1984 , 165, 26-30		17
1739	Solubilization and insertion into reverse micelles of the major myelin transmembrane proteolipid. 1984 , 172, 343-7		29
1738	Transmembrane orientation of α helices and the organization of chlorophylls in photosynthetic pigment-protein complexes. 1984 , 176, 355-359		36
1737	Conformational studies on the inactivation of glyceraldehyde-3-phosphate dehydrogenase from the facultative thermophile <i>Bacillus coagulans</i> KU. <i>Archives of Biochemistry and Biophysics</i> , 1984 , 233, 299-309	4.1	7
1736	Conformation and orientation of chlorophyll-proteins in photosystem I by circular dichroism and polarized infrared spectroscopies. 1984 , 767, 640-647		21
1735	Transmembrane orientation of α helices in the thylakoid membrane and in the light-harvesting complex. A polarized infrared spectroscopy study. 1984 , 765, 380-387		47
1734	The C-terminus of bacteriorhodopsin is a random coil. 1984 , 777, 93-8		7
1733	Modification of apolipoprotein C-II with 1,2-cyclohexanedione and 2,3-butanedione. Role of arginine in the activation of lipoprotein lipase. 1984 , 794, 472-8		8

1732	Structural studies of a french bean storage protein: phaseolin. 1984 , 6, 137-141		21
1731	Folding of ribonuclease A from a partially disordered conformation. Kinetic study under transition conditions. <i>Biochemistry</i> , 1984 , 23, 2470-7	3.2	28
1730	Specificity of cholecystokinin antibody may influence choice of tracer for radioimmunoassay. 1984 , 74, 199-203		1
1729	Study on Interactions between Plasma Proteins and Polymer Surface. 1984 , 16, 1-8		11
1728	A circular dichroism study on thermal denaturation of a dimeric globular protein, Streptomyces subtilisin inhibitor. 1984 , 95, 1569-75		13
1727	Conformation Analyses of Poly(L-lysine) Induced by Various Surfactants. 1985 , 58, 1210-1214		16
1726	Inactivation of rabbit muscle phosphoglycerate mutase by limited proteolysis with thermolysin. <i>Biochemical Journal</i> , 1985 , 229, 167-71	3.8	24
1725	Physicochemical properties of a novel Mr-21 000 Ca ²⁺ -binding protein of bovine brain. <i>Biochemical Journal</i> , 1985 , 232, 569-75	3.8	12
1724	The interaction of rabbit skeletal muscle troponin-T fragments with troponin-I. 1985 , 63, 212-8		56
1723	Existence of Concanavaline A Type β Sheet Structure Shown by Reduction of Disulfide Bonds of a Dimeric Globular Protein. 1985 , 17, 807-810		2
1722	Involvement of C-terminal 14 residues of alkali light chain in binding to the heavy chain of myosin. 1985 , 97, 1785-93		11
1721	Molecular shape and dipole moment of alamethicin-like synthetic peptides. 1985 , 12, 67-73		18
1720	Denaturation and the effects of temperature on hydrophobic-interaction and reversed-phase high-performance liquid chromatography of proteins. 1985 , 327, 77-92		105
1719	Hierarchic organization of globular proteins: Experimental studies on thermolysin. 1985 , 8, 57-66		4
1718	Physicochemical characterization of the alkaline denaturation of cytochrome c peroxidase. 1985 , 827, 183-9		12
1717	Circular dichroism studies on synthetic signal peptides. 1985 , 831, 340-6		20
1716	Subunit dissociation of Busycon canaliculatum hemocyanin. 1985 , 828, 278-89		20
1715	Physical studies by NMR and circular dichroism determining three structurally different domains in Physarum polycephalum histone H1. 1985 , 151, 579-89		9

1714	Kinetics of coil to helix to β -structure transitions of poly(L-ornithine) in low concentrations of sodium dodecyl sulfate. 1985 , 24, 683-694		17
1713	Domain characteristics of the carboxyl-terminal fragment 206B16 of thermolysin: pH and ionic strength dependence of conformation. 1985 , 24, 767-782		15
1712	Molecular organization of glycophorin A: implications for membrane interactions. 1985 , 24, 2301-32		26
1711	Conformational studies of NADPH cytochrome P-450 reductase by circular dichroism: interaction with phospholipids. 1985 , 17, 1103-7		8
1710	The design, synthesis, and characterization of tight-binding inhibitors of calmodulin. 1985 , 29, 83-93		64
1709	Circular Dichroism of Peptides. 1985 , 15-114		52
1708	Hydrodynamic and optical properties of the wheat germ Em protein. 1985 , 63, 803-811		76
1707	Further characterization of protein secondary structures in purple membrane by circular dichroism and polarized infrared spectroscopies. 1985 , 48, 873-6		36
1706	Folding of thermolysin fragments. Identification of the minimum size of a carboxyl-terminal fragment that can fold into a stable native-like structure. 1985 , 182, 331-40		38
1705	Secondary structure of globulins from plant seeds: a re-evaluation from circular dichroism measurements. 1985 , 7, 105-108		52
1704	Alkaline ribonuclease from the insect <i>Ceratitis capitata</i> . 1985 , 826, 129-136		11
1703	Proton NMR of aequorin. Structural changes concomitant with calcium-independent light emission. <i>Biochemistry</i> , 1985 , 24, 4280-7	3.2	19
1702	Effect of pH on the conformation of diphtheria toxin and its implications for membrane penetration. <i>Biochemistry</i> , 1985 , 24, 5458-64	3.2	182
1701	Comparison of the transient folding intermediates in lysozyme and alpha-lactalbumin. <i>Biochemistry</i> , 1985 , 24, 874-81	3.2	282
1700	Limited proteolysis of thermolysin by subtilisin: isolation and characterization of a partially active enzyme derivative. <i>Biochemistry</i> , 1985 , 24, 1798-806	3.2	49
1699	Membrane proteins in reverse micelles: myelin basic protein in a membrane-mimetic environment. <i>Biochemistry</i> , 1985 , 24, 7024-32	3.2	81
1698	Conformational alteration in alpha-toxin from <i>Staphylococcus aureus</i> concomitant with the transformation of the water-soluble monomer to the membrane oligomer. 1985 , 130, 175-81		60
1697	Structure and action of heteronemertine polypeptide toxins: importance of amphipathic helix for activity of <i>Cerebratulus lacteus</i> toxin A-III. <i>Archives of Biochemistry and Biophysics</i> , 1985 , 236, 167-75	4.1	8

1696	Comparison of helix orientation in the chromatophore, quantasome and reaction centre of <i>Rhodospseudomonas viridis</i> by circular dichroism and polarized infrared spectroscopy. 1985 , 809, 271-276		13
1695	Investigations on the insertion of the mitochondrial precursor protein apocytochrome c into model membranes. 1985 , 818, 398-409		57
1694	Characterization and crystallization of delta-crystallin from the eye lens of adult turkey: comparison with delta-crystallin from adult quail and young chick. 1985 , 40, 273-83		6
1693	Role of methionine-1 in ubiquitin conformation and activity. 1986 , 138, 437-44		7
1692	Conformational properties of membrane-bound fumarate reductase of <i>Escherichia coli</i> . <i>Archives of Biochemistry and Biophysics</i> , 1986 , 249, 579-87	4.1	4
1691	Relationship between antimicrobial activity and amphiphilic property of basic model peptides. 1986 , 862, 211-9		76
1690	Conformational studies of lipoprotein B and apolipoprotein B: effects of disulfide reducing agents, sulfhydryl blocking agent, denaturing agents, pH and storage. 1986 , 876, 460-8		16
1689	Selective detection of rapid motions in spectrin by NMR. 1986 , 197, 234-8		17
1688	Circular dichroism studies on the signal sequence of <i>E. coli</i> alkaline phosphatase indicate the presence of both alpha-helix and beta-structure in hydrophobic environments. 1986 , 202, 349-52		11
1687	Plastocyanin conformation. An analysis of its near ultraviolet absorption and circular dichroic spectra. 1986 , 49, 891-900		24
1686	¹ H NMR spectroscopic studies of calcium-binding proteins. 3. Solution conformations of rat apo-alpha-parvalbumin and metal-bound rat alpha-parvalbumin. <i>Biochemistry</i> , 1986 , 25, 1835-46	3.2	41
1685	Light-scattering investigation of the subunit structure and dissociation of octopoda hemocyanins. <i>Biochemistry</i> , 1986 , 25, 931-9	3.2	27
1684	Marine invertebrate sperm-specific histones and histone-DNA interactions: circular dichroism and ultraviolet spectroscopy studies. 1986 , 8, 194-200		6
1683	Renaturation of neurotoxin B-IV from the heteronemertine <i>Cerebratulus lacteus</i> . 1986 , 24, 63-9		7
1682	Calculation of protein conformation from circular dichroism. 1986 , 130, 208-69		1381
1681	In vitro binding of LexA repressor to DNA: evidence for the involvement of the amino-terminal domain.. <i>EMBO Journal</i> , 1986 , 5, 793-798	13	45
1680	Stopped-flow circular dichroism. 1986 , 130, 519-34		10
1679	Isolation, characterization and metal-ion-binding properties of the alpha-subunit from S-100a protein. <i>Biochemical Journal</i> , 1986 , 237, 757-64	3.8	10

1678	Structural analysis of acute-phase alpha 2-macroglobulin. <i>Biochemical Journal</i> , 1986 , 238, 359-64	3.8	3
1677	Affinity purification of seminalplasmin and characterization of its interaction with calmodulin. <i>Biochemical Journal</i> , 1986 , 240, 567-73	3.8	28
1676	Substitution of a serine residue for proline-87 reduces catalytic activity and increases susceptibility to proteolysis of Escherichia coli adenylate kinase. 1986 , 83, 5798-802		40
1675	Induced circular dichroism in biopolymer-dye systems. 1986 , 1-121		23
1674	Analysis of protein circular dichroism spectra for secondary structure using a simple matrix multiplication. 1986 , 155, 155-67		473
1673	Conformation and aggregation of melittin: effect of pH and concentration of sodium dodecyl sulfate. 1986 , 25, 1493-504		22
1672	The subunit structure and stability of conglutin α sulphur-rich protein from the seeds of <i>Lupinus angustifolius</i> L.. 1986 , 37, 895-907		20
1671	Structuring of H1 histone. Evidence of high-affinity binding sites for phosphate ions. 1986 , 156, 143-8		26
1670	Purification, molecular and enzymic characterization of an acid RNase from the insect <i>Ceratitis capitata</i> . 1986 , 158, 367-72		17
1669	The secondary structure of salt-extracted ribosomal proteins from <i>Escherichia coli</i> as studied by circular dichroic spectroscopy. 1986 , 874, 227-34		12
1668	Cytochrome b5 from the insect <i>Ceratitis capitata</i> . 1986 , 872, 116-124		7
1667	Chemical modification of arginine residues of porcine muscle acylphosphatase. 1986 , 870, 234-41		6
1666	On the role of the 2Fe-2S cluster in the formation of the structure of spinach ferredoxin. 1986 , 870, 538-544		20
1665	Folding intermediates studied by circular dichroism. 1986 , 131, 126-35		28
1664	Topography of all tyrosine residues in subtilisin DY. 1986 , 367, 861-70		2
1663	Preparation of Monoclonal Antibody against Bovine β -Lactoglobulin and Its Unique Binding Affinity. 1987 , 51, 797-802		
1662	Germin: physicochemical properties of the glycoprotein which signals onset of growth in the germinating wheat embryo. 1987 , 65, 1039-1048		22
1661	Characterization of Regulatory Light Chain- α Myosin Kinase from Smooth Muscle of Scallop, <i>Patinopecten yessoensis</i> . 1987 ,		

1660	Zeta-crystallin, a novel lens protein from the guinea pig. 1987 , 6, 725-32		89
1659	Design and Synthesis of Amphiphilic Basic Peptides with Antibacterial Activity and Their Interaction with Model Membrane. 1987 , 60, 697-706		24
1658	Identification of a liver growth factor as an albumin-bilirubin complex. <i>Biochemical Journal</i> , 1987 , 243, 443-8	3.8	51
1657	Denaturation and renaturation of the monomeric phosphoglycerate mutase from <i>Schizosaccharomyces pombe</i> . <i>Biochemical Journal</i> , 1987 , 245, 525-30	3.8	23
1656	The structure of a high-Mr subunit of durum-wheat (<i>Triticum durum</i>) gluten. <i>Biochemical Journal</i> , 1987 , 247, 215-21	3.8	115
1655	Spectroscopic studies on Tb ³⁺ binding to S-100a protein. <i>Biochemical Journal</i> , 1987 , 244, 559-63	3.8	2
1654	Isolation and characterization of a novel 21-kDa Ca ²⁺ -binding protein from bovine brain. 1987 , 139, 88-105		4
1653	Structural basis of human erythrocyte glucose transporter function in proteoliposome vesicles: circular dichroism measurements. 1987 , 84, 4113-6		46
1652	A receptor-binding region in human choriogonadotropin/lutropin beta subunit. 1987 , 84, 2038-42		99
1651	Primary and secondary structure of bovine retinal S antigen (48-kDa protein). 1987 , 84, 6975-9		181
1650	Infrared spectroscopic evidence of conformational transitions of an atrial natriuretic peptide. 1987 , 84, 7028-30		49
1649	Characterization of a metallo-proteinase from <i>Bothrops asper</i> (terciopelo) snake venom. 1987 , 25, 759-66		24
1648	The chromatin of sea urchin sperm. 1987 , 908, 70-80		13
1647	Isolation, molecular and biological properties of a lectin from rice embryo: relationship with wheat germ agglutinin properties. <i>Archives of Biochemistry and Biophysics</i> , 1987 , 259, 79-88	4.1	20
1646	The secondary structure content of pigment-protein complexes from the thylakoids of two Chromophyte algae. 1987 , 894, 365-369		8
1645	Purification and characterization of the reovirus cell attachment protein sigma 1. 1987 , 156, 377-85		31
1644	Polyamines permit the preparation of stable Physarum core particles which have a structure similar to those from higher eukaryotes. 1987 , 908, 34-45		5
1643	Large scale purification and molecular characterization of human recombinant α -proteinase inhibitor produced in yeasts. 1987 , 5, 181-197		5

1642	Characterization of calpains and calpastatins from hamster skeletal muscle. 1987 , 87, 715-24		1
1641	Direct Combination of a High Performance Liquid Chromatograph and a Circular Dichroism Spectrometer for Separation and Structural Analysis of Proteins. 1987 , 10, 2759-2769		13
1640	Conformational properties of the main intrinsic polypeptide (MIP26) isolated from lens plasma membranes. <i>Biochemistry</i> , 1987 , 26, 8092-8	3.2	39
1639	Conformational changes in the human serum albumin-indomethacin binding. 1987 , 265, 164-166		2
1638	Predicted calmodulin-binding sequence in the gamma subunit of phosphorylase b kinase. 1987 , 2, 20-33		45
1637	Determination of the secondary structure of proteins from the Raman amide I band: The reference intensity profiles method. 1987 , 18, 289-300		100
1636	Structure of a major pea seed albumin: Implication of a free sulphhydryl group. 1987 , 41, 167-178		27
1635	Molecular and spectroscopic characterisation of a low molecular weight seed storage protein from yellow mustard (<i>Sinapis alba</i> L.). 1987 , 19, 899-907		42
1634	Unfolding of iron and copper complexes of human lactoferrin and transferrin. 1987 , 19, 1001-8		13
1633	Secondary structures of bovine serum albumin in anionic and cationic surfactant solutions. 1987 , 117, 120-126		85
1632	Circular dichroism studies on a synthetic peptide corresponding to the membrane-spanning region of vesicular stomatitis virus G protein and its fatty acyl derivative. 1987 , 911, 231-7		6
1631	Comparison of conformations of β -casein, para- β -casein and glycomacropeptide. 1987 , 911, 318-325		19
1630	Characterization of two hemorrhagic zinc proteinases, toxin c and toxin d, from western diamondback rattlesnake (<i>Crotalus atrox</i>) venom. 1987 , 911, 356-63		32
1629	Secondary structure changes of disulfide bridge-cleaved bovine serum albumin in solutions of urea, guanidine hydrochloride, and sodium dodecyl sulfate. 1988 , 124, 284-289		50
1628	Structure-activity relationship of lepidopteran, a self-defence peptide of <i>bombyx mori</i> XXX. 1988 , 44, 787-803		3
1627	Syntheses of antibacterial peptides, gramicidin S analogs and designed amphiphilic oligopeptides. 1988 , 44, 877-886		9
1626	The interaction of delta-hemolysin with calmodulin. 1988 , 31, 231-45		10
1625	Secondary structure change of myoglobin induced by sodium dodecyl sulfate and its kinetic aspects. 1988 , 125, 307-313		27

1624	Methionine modification in cytochrome-c peroxidase. 1988 , 954, 95-107		13
1623	Enhancement of lectin-erythrocyte agglutination by gums. 1988 , 957, 164-7		2
1622	Secondary structural changes of non-reduced and reduced ribonuclease A in solutions of urea, guanidine hydrochloride and sodium dodecyl sulfate. 1988 , 957, 340-4		25
1621	Secondary structure of proteins through circular dichroism spectroscopy. 1988 , 17, 145-66		497
1620	Circular dichroism analysis of the secondary structures of bovine blood coagulation factor IX, factor X, and prothrombin. 1988 , 7, 593-612		8
1619	Phosphorylation loops in synthetic peptides of the human neurofilament protein middle-sized subunit. 1988 , 7, 365-76		47
1618	Folding of carp parvalbumin studied by equilibrium and kinetic circular dichroism spectra. <i>Biochemistry</i> , 1988 , 27, 7419-7428	3.2	53
1617	Reversible dissociation of the B873 light-harvesting complex from <i>Rhodospirillum rubrum</i> G9+. <i>Biochemistry</i> , 1988 , 27, 1004-1014	3.2	76
1616	Analysis of the secondary structure of hirudin and the mechanism of its interaction with thrombin. <i>Archives of Biochemistry and Biophysics</i> , 1988 , 267, 158-66	4.1	49
1615	Circular dichroism of platelet factor 4. <i>Archives of Biochemistry and Biophysics</i> , 1988 , 261, 170-4	4.1	9
1614	Effect of membrane potential on the conformation of bacteriorhodopsin reconstituted in lipid vesicles. 1988 , 54, 747-50		12
1613	An immunochemical study of avian pancreatic polypeptide: the nature of the principal epitope. 1988 , 25, 961-73		5
1612	Spectroscopic and hydrodynamic studies reveal structural differences in normal and transforming H-ras gene products. <i>Biochemistry</i> , 1988 , 27, 4735-40	3.2	19
1611	Characterization and amino acid sequence of a fatty acid-binding protein from human heart. <i>Biochemical Journal</i> , 1988 , 252, 191-8	3.8	78
1610	A BASIC microcomputer program to calculate the secondary structure of proteins from their circular dichroism spectrum. 1988 , 4, 479-82		6
1609	Conserved cysteine and histidine residues of the avian myeloblastosis virus nucleocapsid protein are essential for viral replication but are not "zinc-binding fingers". 1988 , 85, 7094-8		67
1608	The unfolding and refolding of glutamate dehydrogenases from bovine liver, baker's yeast and <i>Clostridium symbiosum</i> . <i>Biochemical Journal</i> , 1988 , 251, 135-9	3.8	42
1607	Circular dichroism and fluorescence investigations on <i>Vicia faba</i> lectin-saccharide binding. <i>Biochemical Journal</i> , 1988 , 251, 195-9	3.8	4

1606	Ca ²⁺ -induced changes in the secondary structure of a 60 kDa phosphoinositide-specific phospholipase C from bovine brain cytosol. <i>Biochemical Journal</i> , 1988 , 255, 807-12	3.8	16
1605	Binding Aspects of 2-(4-Hydroxyphenylazo)benzoic Acid to Bovine Serum Albumin in the Limited Mixing Ratio. 1988 , 61, 2727-2730		
1604	Amphiphilicity is essential for mitochondrial presequence function.. <i>EMBO Journal</i> , 1988 , 7, 649-653	13	210
1603	Applications of Optical Spectroscopy to Protein Conformational Transitions. 1988 , 177-192		
1602	Physicochemical properties of 57 kDa thyroid hormone binding protein from rat liver nuclei. 1989 , 106, 1064-7		
1601	Structural differences between active and inactive mammalian 60S ribosomal subunits. Circular dichroism and electric birefringence studies. 1989 , 7, 639-60		
1600	Biosynthesis of winter flounder antifreeze proprotein in E.coli. 1989 , 3, 145-51		17
1599	Helix formation in reduced, S-carboxymethylated human choriogonadotropin beta subunit and tryptic peptides. 1989 , 8, 779-94		7
1598	Circular dichroic study of conformational changes in ovalbumin. 1989 , 8, 221-9		19
1597	Circular dichroic study of conformational changes in ovalbumin induced by modification of sulfhydryl groups and disulfide reduction. 1989 , 8, 609-17		15
1596	Conformational change of bovine serum albumin by heat treatment. 1989 , 8, 653-9		132
1595	Secondary structural changes in the intact and the disulfide bridges cleaved beta-lactoglobulin A and B in solutions of urea, guanidine hydrochloride, and sodium dodecyl sulfate. 1989 , 8, 487-94		12
1594	Interaction of staphylococcal delta-toxin and synthetic analogues with erythrocytes and phospholipid vesicles. Biological and physical properties of the amphipathic peptides. 1989 , 183, 381-90		38
1593	Conformational analysis of T immunogenic peptides by circular dichroism spectroscopy. 1989 , 19, 1969-72		20
1592	Circular dichroic study of the conformational stability of sulfhydryl-blocked bovine serum albumin. 1989 , 21, 857-62		9
1591	Adenylate kinase of <i>Mycobacterium marinum</i> . Amino acid composition, secondary structure and other aspects. 1989 , 21, 657-60		13
1590	A CD determination of the alpha-helix contents of the coat proteins of four filamentous bacteriophages: fd, IKe, Pf1, and Pf3. 1989 , 28, 1861-73		44
1589	Underlying assumptions in the estimation of secondary structure content in proteins by circular dichroism spectroscopy--a critical review. 1989 , 7, 1103-19		65

1588	Isolation of domain-sized fragments of bovine serum albumin by limited peptic digestion and their secondary structural changes in solutions of urea, guanidine hydrochloride, and sodium dodecyl sulfate. 1989 , 133, 497-504		26
1587	The T-lymphocyte proliferative response to synthetic peptide antigens of defined secondary structure. 1989 , 30, 723-30		16
1586	Nature of forces stabilizing the transmembrane protein bacteriorhodopsin in purple membrane. 1989 , 56, 769-80		20
1585	Structural differences between histone H1 molecules from sea urchin (<i>Strongylocentrotus intermedius</i>) sperm and calf thymus: hydrodynamic and c.d. studies. 1989 , 11, 153-8		5
1584	Inhibition of pepsin by polyions and c.d. studies. 1989 , 11, 207-12		1
1583	Mussel glue protein has an open conformation. <i>Archives of Biochemistry and Biophysics</i> , 1989 , 269, 415-22.1		64
1582	Formation of an intramolecular disulfide bond of glycolipid transfer protein. 1989 , 985, 45-50		15
1581	The spectroscopic analysis for binding of amphipathic and antimicrobial model peptides containing pyrenylalanine and tryptophan to lipid bilayer. 1989 , 984, 174-82		20
1580	Helix formation and stability in a signal sequence. <i>Biochemistry</i> , 1989 , 28, 8554-61	3.2	82
1579	Preferential heterodimer formation by isolated leucine zippers from fos and jun. 1989 , 245, 646-8		453
1578	Evidence that the leucine zipper is a coiled coil. 1989 , 243, 538-42		859
1577	Ca ²⁺ -dependent structural changes in bovine blood coagulation factor Va and its subunits. <i>Biochemistry</i> , 1989 , 28, 4762-71	3.2	19
1576	Physicochemical properties of a human glycoprotein bearing blood group A activity. 1989 , 106, 745-50		2
1575	The unfolding and refolding of cytoplasmic aspartate aminotransferase from pig heart. <i>Biochemical Journal</i> , 1989 , 261, 189-96	3.8	24
1574	Physicochemical studies on achatininH, a novel sialic acid-binding lectin. <i>Biochemical Journal</i> , 1989 , 257, 65-71	3.8	45
1573	Purification and characterization of band 3 protein. 1989 , 173, 494-512		53
1572	Antibacterial Activity of Amphipathic Basic Peptides with a Long Acyl Group and Their Interaction with Phospholipid Bilayers. 1990 , 63, 1180-1184		4
1571	The unfolding and attempted refolding of mitochondrial aspartate aminotransferase from pig heart. <i>Biochemical Journal</i> , 1990 , 265, 45-50	3.8	27

1570	Folding transition in the DNA-binding domain of GCN4 on specific binding to DNA. 1990 , 347, 575-8	382
1569	Preparation of biologically active platelet-derived growth factor isoforms AA and AB. Preferential formation of AB heterodimers. 1990 , 187, 207-14	40
1568	Thymosins: both nuclear and cytoplasmic proteins. 1990 , 192, 643-51	68
1567	Design of DNA-binding peptides based on the leucine zipper motif. 1990 , 249, 774-8	280
1566	Circular dichroism and laser Raman spectroscopic analysis of the secondary structure of <i>Cerebratulus lacteus</i> toxin B-IV. 1990 , 9, 433-43	13
1565	Circular dichroism studies on helical structure preferences of amino acid residues of proteins caused by sodium dodecyl sulfate. 1990 , 9, 573-82	19
1564	Peptide building blocks from bacteriorhodopsin: isolation and physicochemical characterization of two individual transmembrane segments. 1990 , 9, 201-7	3
1563	Structural distinction between soluble and particulate protein kinase C species. 1990 , 9, 209-20	14
1562	The unfolding and attempted refolding of citrate synthase from pig heart. 1990 , 1037, 332-6	35
1561	The histone H1 globular region. A possible supersecondary structure from spectroscopic and statistical studies. 1990 , 1041, 14-21	5
1560	Conformational study of the chromosomal protein MC1 from the archaebacterium <i>Methanosarcina barkeri</i> . 1990 , 1038, 346-54	22
1559	The hemoglobin of the aquatic snail, <i>Planorbella duryi</i> (Wetherby). 1990 , 95, 321-6	5
1558	Secondary structural changes of chymotrypsinogen A, alpha-chymotrypsin, and the isolated polypeptides Cys1-Leu13, Ile16-Tyr146, and Ala149-Asn245 in sodium dodecyl sulfate, urea and guanidine hydrochloride. 1990 , 268, 612-617	13
1557	Role of phosphorylation in conformational adaptability of bovine myelin basic protein. 1990 , 7, 32-40	36
1556	The thermal stability of native, delipidated, deionized and regenerated bacteriorhodopsin. 1990 , 7, 289-302	21
1555	Conformational distributions of melittin in water/methanol mixtures from frequency-domain measurements of nonradiative energy transfer. 1990 , 36, 99-115	72
1554	A thermodynamic scale for the helix-forming tendencies of the commonly occurring amino acids. 1990 , 250, 646-51	1131
1553	Structural characterization of a partly folded apomyoglobin intermediate. 1990 , 249, 1544-8	680

1552	Melittin binding to mixed phosphatidylglycerol/phosphatidylcholine membranes. <i>Biochemistry</i> , 1990 , 29, 52-8	3.2	289
1551	Spectropolarimetric analysis of the core histone octamer and its subunits. <i>Biochemistry</i> , 1990 , 29, 965-72	3.2	27
1550	Preparation and physicochemical properties of glycosylated derivatives of pea legumin. 1990 , 38, 1700-1706		27
1549	Isolation and characterization of a novel molecular weight 11,000 Ca ²⁺ -binding protein from smooth muscle. <i>Biochemistry</i> , 1990 , 29, 1398-404	3.2	42
1548	Conformational differences between latent and active plasminogen activator inhibitor, PAI-1: a spectroscopic study. 1990 , 59, 851-8		13
1547	Biophysical approach to the determination of the secondary structure of the histone H1 globular region. 1990 , 12, 177-9		6
1546	Sequence-specific DNA binding by a short peptide dimer. 1990 , 249, 769-71		298
1545	Secondary structure of a mitochondrial signal peptide in lipid bilayer membranes. 1990 , 272, 29-33		38
1544	Electric field dependence of alamethicin channels. 1990 , 1024, 49-53		26
1543	The interaction of calmodulin with the C-terminal M5 peptide of myosin light chain kinase. <i>Archives of Biochemistry and Biophysics</i> , 1990 , 276, 12-8	4.1	12
1542	Convex constraint analysis: a natural deconvolution of circular dichroism curves of proteins. 1991 , 4, 669-79		294
1541	Identification and characterization of <i>Drosophila melanogaster</i> paramyosin. 1991 , 220, 687-700		45
1540	Designed coiled-coil proteins: synthesis and spectroscopy of two 78-residue alpha-helical dimers. <i>Biochemistry</i> , 1991 , 30, 3161-9	3.2	84
1539	Construction, purification, and characterization of a hybrid protein comprising the DNA binding domain of the LexA repressor and the Jun leucine zipper: a circular dichroism and mutagenesis study. <i>Biochemistry</i> , 1991 , 30, 9657-64	3.2	61
1538	Transient intermediates in the folding of dihydrofolate reductase as detected by far-ultraviolet circular dichroism spectroscopy. <i>Biochemistry</i> , 1991 , 30, 7693-703	3.2	160
1537	The chaperonin GroEL binds a polypeptide in an alpha-helical conformation. <i>Biochemistry</i> , 1991 , 30, 7359-62	3.2	169
1536	Systematic comparison of statistical analyses of electronic and vibrational circular dichroism for secondary structure prediction of selected proteins. <i>Biochemistry</i> , 1991 , 30, 6885-95	3.2	75
1535	A proper transmembrane Ca ²⁺ gradient is essential for the higher enzymatic activity of adenylate cyclase. 1991 , 175, 366-71		8

1534	What spectroscopy can still tell us about the secondary structure of bacteriorhodopsin. 1991 , 59, 934-8	12
1533	Lysozyme and alpha-lactalbumin: structure, function, and interrelationships. 1991 , 41, 173-315	175
1532	TolA: a membrane protein involved in colicin uptake contains an extended helical region. 1991 , 88, 5939-43	134
1531	Association Characteristics of Amphiphilic α -Helices Connected by Flexible Links. 1991 , 64, 396-402	11
1530	Role of the N-terminal region of phospholipase A2 subunit of beta 1-bungarotoxin in the toxin-Ca ²⁺ complex-formation. <i>Biochemical Journal</i> , 1991 , 278 (Pt 2), 481-6	3.8 5
1529	A circular dichroism study of mitochondrial transhydrogenase from beef heart. 1991 , 39, 267-72	1
1528	Divalent cation-induced changes in conformation of protein kinase C. 1991 , 39, 215-24	16
1527	Removal of dodecyl sulfate ions bound to bovine serum albumin and chymotrypsinogen from the proteins. Effects of reduction of disulfide bridges and cleavage of peptide bonds on the removal extent. 1991 , 147, 51-56	9
1526	Secondary structural changes of N-bromosuccinimide-cleaved bovine serum albumin in solutions of sodium dodecyl sulfate, urea, and guanidine hydrochloride. 1991 , 144, 45-52	7
1525	Isolation, characterisation and growth-related changes of an HMG-like protein from microplasmidia of <i>Physarum polycephalum</i> . 1991 , 1079, 15-22	1
1524	Biochemical and functional characterization of <i>Rapana thomasiana</i> hemocyanin. 1991 , 100, 493-501	6
1523	Membrane insertion and lateral mobility of synthetic amphiphilic signal peptides in lipid model membranes. 1991 , 1071, 123-48	89
1522	Changes of fluorescence lifetime and rotational correlation time of bovine serum albumin labeled with 1-dimethylaminonaphthalene-5-sulfonyl chloride in guanidine and thermal denaturations. 1991 , 10, 17-23	16
1521	Large differences in the helix propensities of alanine and glycine. 1991 , 351, 586-8	305
1520	The amphiphilic alpha-helix concept. Consequences on the structure of staphylococcal delta-toxin in solution and bound to lipids. 1991 , 195, 203-13	70
1519	Conformational studies on a peptide fragment representing the RNA-binding N-terminus of a viral coat protein using circular dichroism and NMR spectroscopy. 1991 , 201, 489-94	9
1518	The effect of enhanced alpha-helicity on the activity of a winter flounder antifreeze polypeptide. 1991 , 202, 1057-63	128
1517	Theoretical CD studies of polypeptide helices: examination of important electronic and geometric factors. 1991 , 31, 569-86	299

1516	Solution structure of human growth hormone-releasing factor fragment (1-29) by CD: characteristic conformational change on phospholipid membrane. 1991 , 31, 869-76		14
1515	Parameters of helix-coil transition theory for alanine-based peptides of varying chain lengths in water. 1991 , 31, 1463-70		460
1514	The helix-coil transition in heterogeneous peptides with specific side-chain interactions: theory and comparison with CD spectral data. 1991 , 31, 1605-14		191
1513	Design and synthesis of the pseudo-EF hand in calbindin D9K: effect of amino acid substitutions in the alpha-helical regions. 1991 , 9, 12-22		14
1512	Role of conserved proline residues in stabilizing tryptophan synthase alpha subunit: analysis by mutants with alanine or glycine. 1991 , 9, 90-8		47
1511	Side chain-backbone hydrogen bonding contributes to helix stability in peptides derived from an alpha-helical region of carboxypeptidase A. 1991 , 10, 130-9		129
1510	Interaction of Z-4,4-bis(4-ethylphenyl)-2,3-dibromo-2-butenoic acid with aminotransferases: changes in absorption and circular dichroism spectra. 1991 , 9, 255-68		1
1509	Design, synthesis and structure of an amphipathic peptide with pH-inducible haemolytic activity. 1992 , 5, 323-31		13
1508	Microscopic surface structure of a globular molecule of ovalbumin in aqueous buffer solutions. 1992 , 71, 1020-1025		8
1507	Structure-activity relationship in buffalo spleen cathepsin B. 1992 , 111, 732-5		7
1506	A synthetic peptide inhibitor of human immunodeficiency virus replication: correlation between solution structure and viral inhibition. 1992 , 89, 10537-41		459
1505	Solution conformation of a peptide corresponding to the principal neutralizing determinant of HIV-1III _B : a two-dimensional NMR study. <i>Biochemistry</i> , 1992 , 31, 6972-9	3.2	67
1504	Protein conformational perturbations affect the photoreduction of native cytochrome c peroxidase (III) at alkaline pH. <i>Biochemistry</i> , 1992 , 31, 12847-54	3.2	5
1503	N-terminal domain of Avena phytochrome: interactions with sodium dodecyl sulfate micelles and N-terminal chain truncated phytochrome. <i>Biochemistry</i> , 1992 , 31, 9413-20	3.2	14
1502	Purification and characterization of a novel 12,000-Da calcium binding protein from smooth muscle. <i>Archives of Biochemistry and Biophysics</i> , 1992 , 296, 442-9	4.1	12
1501	Effect of amphipathic peptides with different alpha-helical contents on liposome-fusion. 1992 , 1103, 157-62		14
1500	Validity of putative calcium binding loops of photoprotein aequorin. 1992 , 307, 272-4		3
1499	Thermodynamics of melittin tetramerization determined by circular dichroism and implications for protein folding. 1992 , 1, 641-53		69

1498	Role of interchain alpha-helical hydrophobic interactions in Ca ²⁺ affinity, formation, and stability of a two-site domain in troponin C. 1992 , 1, 945-55	33
1497	Differentiation between transmembrane helices and peripheral helices by the deconvolution of circular dichroism spectra of membrane proteins. 1992 , 1, 1032-49	105
1496	Deconvolution of the circular dichroism spectra of proteins: the circular dichroism spectra of the antiparallel beta-sheet in proteins. 1992 , 13, 57-69	107
1495	Effect of pH on colloidal properties of native ovalbumin aqueous systems. 1992 , 270, 687-693	24
1494	Secondary structural changes of metmyoglobin and apomyoglobin in anionic and cationic surfactant solutions: effect of the hydrophobic chain length of the surfactants on the structural changes. 1992 , 11, 583-8	11
1493	Dependence of reaction rate of 5,5'-dithiobis-(2-nitrobenzoic acid) to free sulfhydryl groups of bovine serum albumin and ovalbumin on the protein conformations. 1992 , 11, 187-92	14
1492	Circular dichroism and fluorescence studies to probe the conformational properties of Rhus vernicifera laccase. 1992 , 193, 237-243	2
1491	Design and synthesis of a polypeptide containing 1-pyrenylalanines as fluorescent probe for four α -helix bundle structure. 1992 , 33, 5767-5770	25
1490	Application of the Yukawa potential to the auto-controlled mechanism of the ovalbumin molecule in aqueous systems. 1992 , 166, 299-302	4
1489	The effect of some medical treatments of thalassemia on the red blood cells. 1992 , 71, 1251-1254	6
1488	Long range electron transfer along an alpha-helix. 1992 , 1159, 286-94	17
1487	Conformational analysis of a mitochondrial presequence derived from the F1-ATPase beta-subunit by CD and NMR spectroscopy. 1992 , 1159, 81-93	35
1486	Kinetic study of the helix to coil dark reaction of poly(spiropyran-L-glutamate). 1992 , 55, 1-7	65
1485	The two-stranded alpha-helical coiled-coil is an ideal model for studying protein stability and subunit interactions. 1992 , 32, 419-26	115
1484	Circular dichroism studies on conformational changes in protein molecules upon adsorption on ultrafine polystyrene particles. 1992 , 40, 889-94	110
1483	Analysis of the circular dichroism spectrum of proteins using the convex constraint algorithm: a practical guide. 1992 , 203, 83-93	402
1482	Increased electrophoretic mobility of sodium sulfite-treated jack bean urease. 1992 , 13, 300-4	2
1481	Probing the helical content of growth hormone-releasing factor analogs using electrospray ionization mass spectrometry. 1993 , 4, 646-51	25

1480	Conformational changes in protein molecules upon adsorption on ultrafine particles. 1993 , 1, 197-201		32
1479	Kinetic and circular dichroism studies of enzymes adsorbed on ultrafine silica particles. 1993 , 39, 726-31		61
1478	Conformational changes of alpha-lactalbumin and its fragment, Phe31-Ile59, induced by sodium dodecyl sulfate. 1993 , 12, 477-82		19
1477	Secondary structural changes of large and small fragments of bovine serum albumin in thermal denaturation and in sodium dodecyl sulfate denaturation. 1993 , 12, 223-8		12
1476	CD and 1H-NMR studies on the conformational properties of peptide fragments from the C-terminal domain of thermolysin. 1993 , 211, 569-81		63
1475	Calcium binding to sialic acids and its effect on the conformation of ependymins. 1993 , 217, 275-80		23
1474	Analysis of polypeptides and proteins. 1993 , 10, 29-90		29
1473	Association of the wasp venom peptide mastoparan with electrically neutral lipid vesicles. Salt effects on partitioning and conformational state. 1993 , 318, 172-6		40
1472	Folding and dynamics of melittin in reversed micelles. 1993 , 1146, 213-8		8
1471	Peptide models of protein folding initiation sites. 3. The G-H helical hairpin of myoglobin. <i>Biochemistry</i> , 1993 , 32, 6356-64	3.2	101
1470	Peptide models of protein folding initiation sites. 1. Secondary structure formation by peptides corresponding to the G- and H-helices of myoglobin. <i>Biochemistry</i> , 1993 , 32, 6337-47	3.2	198
1469	Controlled formation of model homo- and heterodimer coiled coil polypeptides. <i>Biochemistry</i> , 1993 , 32, 12664-71	3.2	157
1468	Conformational behavior of Escherichia coli OmpA signal peptides in membrane mimetic environments. <i>Biochemistry</i> , 1993 , 32, 4881-94	3.2	192
1467	An interactive graphic program for calculating the secondary structure content of proteins from circular dichroism spectrum. 1993 , 9, 197-9		87
1466	Structural and functional characterization of the alpha 5 segment of Bacillus thuringiensis delta-endotoxin. <i>Biochemistry</i> , 1993 , 32, 3429-36	3.2	77
1465	Modulation of the helical stability of a model peptide by ionic residues. <i>Biochemistry</i> , 1993 , 32, 12901-5	3.2	27
1464	Calcium-dependent regulation of the caldesmon-heavy meromyosin interaction by caltropin. <i>Biochemistry</i> , 1993 , 32, 11217-23	3.2	9
1463	Acrylamide quenching of the intrinsic fluorescence of tryptophan residues genetically engineered into the soluble colicin E1 channel peptide. Structural characterization of the insertion-competent state. <i>Biochemistry</i> , 1993 , 32, 6974-81	3.2	45

1462	Spectroscopic and functional characterization of the putative transmembrane segment of the minK potassium channel. <i>Biochemistry</i> , 1993 , 32, 2371-7	3.2	37
1461	Recombinant bovine heart mitochondrial F1-ATPase inhibitor protein: overproduction in <i>Escherichia coli</i> , purification, and structural studies. <i>Biochemistry</i> , 1993 , 32, 10140-9	3.2	28
1460	Structural characterization, membrane interaction, and specific assembly within phospholipid membranes of hydrophobic segments from <i>Bacillus thuringiensis</i> var. <i>israelensis</i> cytolytic toxin. <i>Biochemistry</i> , 1993 , 32, 12363-71	3.2	68
1459	Thermal stability of the DNA-binding domain of the Myb oncoprotein. <i>Biochemistry</i> , 1993 , 32, 7759-64	3.2	29
1458	Regulation of the soluble form of nicotinamide adenine dinucleotide phosphate-specific isocitrate dehydrogenase from lactating bovine mammary gland: effects of metabolites on activity and structure. 1993 , 76, 3799-811		1
1457	Structural and functional studies in vitro on the p6 protein from the HIV-1 gag open reading frame. 1993 , 1182, 157-61		22
1456	A spring-loaded mechanism for the conformational change of influenza hemagglutinin. 1993 , 73, 823-32		814
1455	RNA recognition by an isolated alpha helix. 1993 , 73, 1031-40		259
1454	Role of beta-turn in proteolytic processing of peptide hormone precursors at dibasic sites. <i>Biochemistry</i> , 1993 , 32, 4925-30	3.2	57
1453	Pulmonary surfactant-associated protein SP-B has little effect on acyl chains in dipalmitoylphosphatidylcholine dispersions. <i>Biochemistry</i> , 1993 , 32, 4397-402	3.2	65
1452	Electrostatic screening of charge and dipole interactions with the helix backbone. 1993 , 260, 198-202		170
1451	Synthesis and characterization of a fragment of an ice nucleation protein. 1993 , 71, 236-40		5
1450	Use of Raman Spectroscopy for the Study of Snake Toxins. 1993 , 12, 203-224		1
1449	Dansyl and Indolyl Groups as a Probing Pair for Intersegmental Arrangement in Four α -Helix Bundle Structure of a Polypeptide. 1993 , 22, 53-56		5
1448	Circular Dichroism Spectra of Synthetic Steroidogenesis-Activator Polypeptide and Its Fragments. 1993 , 66, 1563-1565		
1447	De Novo Design and Synthesis of Four α -Helix Bundle Proteins with Flavin Function. 1993 , 22, 1533-1536		6
1446	Circular dichroism analysis of ligand-induced conformational changes in protein kinase C. Mechanism of translocation of the enzyme from the cytosol to the membranes and its implications. <i>Biochemical Journal</i> , 1993 , 290 (Pt 3), 827-32	3.8	14
1445	The role of cysteine residues 129 and 329 in <i>Escherichia coli</i> K1 CMP-NeuAc synthase. <i>Biochemical Journal</i> , 1993 , 295 (Pt 2), 485-91	3.8	9

1444	Structure and mobility of growth hormone releasing factor on Phospholipid membrane. 1993,	
1443	Characterization of recombinant CK-2 and its subunits. 1993,	
1442	Molecular and genetic characterization of GABP beta. 1994, 8, 1853-65	70
1441	Structure and membrane actions of a marine worm protein cytolysin, Cerebratulus toxin A-III. 1994, 87, 189-203	13
1440	Conformational stability of alpha-lactalbumin missing a peptide bond between Asp66 and Pro67. 1994, 13, 423-8	2
1439	Characterization of a synthetic peptide from the glycosaminoglycan binding site of heparin cofactor II. 1994, 1, 3-8	3
1438	Examining the relationship between secondary structure and antibody recognition in immunopeptides from foot-and-mouth disease virus. 1994, 1, 39-49	4
1437	CD studies of a peptide mimetic of L-type calcium channels. 1994, 4, 817-822	4
1436	Deuterium exchange of alpha-helices and beta-sheets as monitored by electrospray ionization mass spectrometry. 1994, 3, 1305-14	55
1435	Template-assembled melittin: structural and functional characterization of a designed, synthetic channel-forming protein. 1994, 3, 1788-805	62
1434	Quantification of the calcium-induced secondary structural changes in the regulatory domain of troponin-C. 1994, 3, 1961-74	174
1433	Helix packing in proteins: prediction and energetic analysis of dimeric, trimeric, and tetrameric GCN4 coiled coil structures. 1994, 20, 105-23	49
1432	Alpha-helical assembly of biologically active peptides and designed helix bundle protein. 1994, 34, 481-8	13
1431	Effect of succinylation on the membrane activity and conformation of a short cecropin A-melittin hybrid peptide. 1994, 34, 1251-8	14
1430	Reversed-phase chromatography of synthetic amphipathic alpha-helical peptides as a model for ligand/receptor interactions. Effect of changing hydrophobic environment on the relative hydrophilicity/hydrophobicity of amino acid side-chains. 1994, 676, 139-53	81
1429	Analytical Methods for the Assessment of Protein Formulations and Delivery Systems. 1994, 22-45	1
1428	Isolation and characterization of tropomyosin from fish muscle. 1994, 108, 95-106	15
1427	Elucidating the folding problem of helical peptides using empirical parameters. 1994, 1, 399-409	557

1426	Structures of heat-stable and unstable homologues of the sweet protein mabinlin. The difference in the heat stability is due to replacement of a single amino acid residue. 1994 , 223, 989-95		28
1425	Fine specificity of B-cell epitopes on Felis domesticus allergen I (Fel d I): effect of reduction and alkylation or deglycosylation on Fel d I structure and antibody binding. 1994 , 93, 22-33		49
1424	Costabilization of peptide and RNA structure in an HIV Rev peptide-RRE complex. <i>Biochemistry</i> , 1994 , 33, 14579-85	3.2	109
1423	Chapter 6 Analysis of protein structure by circular dichroism spectroscopy. 1994 , 14, 175-205		11
1422	A parallel three stranded alpha-helical bundle at the nucleation site of collagen triple-helix formation. 1994 , 344, 191-5		105
1421	The amphipathic alpha-helix concept. Application to the de novo design of ideally amphipathic Leu, Lys peptides with hemolytic activity higher than that of melittin. 1994 , 349, 29-33		74
1420	Does a synthetic peptide containing the leucine-zipper domain of c-myc form an alpha-helical structure in solution?. 1994 , 337, 265-8		4
1419	Synthesis and properties of the peptide corresponding to the mutant form of the leucine zipper of the transcriptional activator GCN4 from yeast. 1994 , 7, 1097-101		37
1418	A determination of the solution conformation of the nonmammalian tachykinin eledoisin by NMR and CD spectroscopy. <i>Biochemistry</i> , 1994 , 33, 6802-11	3.2	22
1417	An irregularity in the transmembrane domain helix correlates with the rate of insulin receptor internalization. <i>Biochemistry</i> , 1994 , 33, 14333-8	3.2	13
1416	Immunoglobulin-type domains of titin: same fold, different stability?. <i>Biochemistry</i> , 1994 , 33, 4730-7	3.2	82
1415	Synthetic peptides probe folding initiation sites in platelet factor-4: stable chain reversal found within the hydrophobic sequence LIATLKNRGRKISL. <i>Biochemistry</i> , 1994 , 33, 13436-44	3.2	34
1414	Ultraviolet absorbance and circular dichroism of Pf1 virus: nucleotide/subunit ratio of unity, hyperchromic tyrosines and DNA bases, and high helicity in the subunits. <i>Biochemistry</i> , 1994 , 33, 1694-703	3.2	34
1413	Structure and orientation of the transmembrane domain of glycoporphin A in lipid bilayers. <i>Biochemistry</i> , 1994 , 33, 6334-41	3.2	78
1412	Secondary structure and membrane localization of synthetic segments and a truncated form of the IsK (minK) protein. <i>Biochemistry</i> , 1994 , 33, 6966-73	3.2	24
1411	Identification of catalytically relevant amino acids of the extracellular Serratia marcescens endonuclease by alignment-guided mutagenesis. 1994 , 22, 3280-7		69
1410	Conformation of a peptide corresponding to T4 lysozyme residues 59-81 by NMR and CD spectroscopy. <i>Biochemistry</i> , 1994 , 33, 11174-83	3.2	33
1409	Design and chemical synthesis of a neoprotein structural model for the cytoplasmic domain of a multisubunit cell-surface receptor: integrin alpha IIb beta 3 (platelet GPIIb-IIIa). <i>Biochemistry</i> , 1994 , 33, 7701-8	3.2	85

1408	Biophysical characterization of the c-Myb DNA-binding domain. <i>Biochemistry</i> , 1994 , 33, 14586-93	3.2	16
1407	Stationary and time-resolved circular dichroism of hemoglobins. 1994 , 232, 247-66		21
1406	Urea unfolding of peptide helices as a model for interpreting protein unfolding. 1995 , 92, 185-9		158
1405	Structural variety of arginine-rich RNA-binding peptides. 1995 , 92, 5282-6		180
1404	Circular Dichroism Measurements on C-Terminal Fragment of Heat Shock Protein from Rat. 1995 , 42, 493-498		2
1403	Folding of Protein G B1 Domain Studied by the Conformational Characterization of Fragments Comprising Its Secondary Structure Elements. 1995 , 230, 634-649		2
1402	Conformational Studies of Osteocalcin in Solution. 1995 , 232, 515-521		2
1401	Folding of the squash trypsin inhibitor EETI II. Evidence of native and non-native local structural preferences in a linear analogue. 1995 , 233, 837-46		20
1400	Three isoforms of human myelin basic protein: purification and structure. 1995 , 41, 819-27		9
1399	Helix formation in model peptides based on nucleolin TPAKK motifs. 1995 , 35, 93-102		9
1398	Influence of proline-14 substitution on the secondary structure in a synthetic analogue of alamethicin. 1995 , 36, 547-58		10
1397	Peptides in membranes: helicity and hydrophobicity. 1995 , 37, 295-318		95
1396	The measurement of transmembrane helices by the deconvolution of CD spectra of membrane proteins: A review. 1995 , 37, 339-362		21
1395	Conformational changes of alpha-lactalbumin induced by the stepwise reduction of its disulfide bridges: the effect of the disulfide bridges on the structural stability of the protein in sodium dodecyl sulfate solution. 1995 , 14, 679-84		13
1394	The leucine zipper domain of the Max gene product is not an autonomous dimerization site. 1995 , 1, 255-262		4
1393	Lactam bridge stabilization of alpha-helical peptides: ring size, orientation and positional effects. 1995 , 1, 274-82		73
1392	The distribution of alpha-helix propensity along the polypeptide chain is not conserved in proteins from the same family. 1995 , 4, 1577-86		16
1391	Bipartite structure of the alpha-lactalbumin molten globule. 1995 , 2, 281-6		148

1390	The hydrophobic-staple motif and a role for loop-residues in alpha-helix stability and protein folding. 1995 , 2, 380-5		118
1389	The receptor binding affinity of monocyclic [Ala3,Xaa11]endothelin-1 analogs correlates with inducible helix length. 1995 , 3, 113-24		5
1388	Sequence-specific DNA binding by covalently constrained peptide dimers of the basic leucine zipper protein GCN4. 1995 , 3, 777-84		14
1387	Synthesis of redox derivatives of lysine and their use in solid-phase synthesis of a light-harvesting peptide. 1995 , 51, 1093-1106		97
1386	Cholesterol interaction with recombinant human sterol carrier protein-2. 1995 , 30, 795-803		67
1385	CD and NMR determination of the solution structure of a peptide corresponding to T4 lysozyme residues 38-51. 1995 , 1250, 163-70		13
1384	A specific sequence of the laminin alpha 2 chain critical for the initiation of heterotrimer assembly. <i>Journal of Biological Chemistry</i> , 1995 , 270, 3292-8	5-4	41
1383	The effects of interhelical electrostatic repulsions between glutamic acid residues in controlling the dimerization and stability of two-stranded alpha-helical coiled-coils. <i>Journal of Biological Chemistry</i> , 1995 , 270, 25495-506	5-4	73
1382	Structure and topology of the influenza virus fusion peptide in lipid bilayers. <i>Journal of Biological Chemistry</i> , 1995 , 270, 27606-14	5-4	110
1381	Specific inhibition of herpes simplex virus DNA polymerase by helical peptides corresponding to the subunit interface. 1995 , 92, 1456-60		51
1380	Self-association of a synthetic peptide from the N terminus of the hepatitis delta virus protein into an immunoreactive alpha-helical multimer. 1995 , 92, 382-6		39
1379	Effect of pH on the conformation and backbone dynamics of a 27-residue peptide in trifluoroethanol. An NMR and CD Study. <i>Journal of Biological Chemistry</i> , 1995 , 270, 24693-701	5-4	17
1378	The assembly and organization of the alpha 5 and alpha 7 helices from the pore-forming domain of <i>Bacillus thuringiensis</i> delta-endotoxin. Relevance to a functional model. <i>Journal of Biological Chemistry</i> , 1995 , 270, 2571-8	5-4	67
1377	Structure and stability of histone Hmf from the hyperthermophilic archaeon <i>Methanothermus fervidus</i> . <i>Biochemistry</i> , 1995 , 34, 8441-8	3-2	21
1376	C2, and unusual filamentous bacterial virus: protein sequence and conformation, DNA size and conformation, and nucleotide/subunit ratio. <i>Biochemistry</i> , 1995 , 34, 4077-87	3-2	5
1375	Dissecting titin into its structural motifs: identification of an alpha-helix motif near the titin N-terminus. <i>Biochemistry</i> , 1995 , 34, 553-61	3-2	15
1374	The leucine zippers of the HLH-LZ proteins Max and c-Myc preferentially form heterodimers. <i>Biochemistry</i> , 1995 , 34, 13554-64	3-2	47
1373	Structure effects of double D-amino acid replacements: a nuclear magnetic resonance and circular dichroism study using amphipathic model helices. <i>Biochemistry</i> , 1995 , 34, 12954-62	3-2	69

1372	Functional unit of the <i>Rapana thomasiana</i> (Grosse) (marine snail, gastropod) hemocyanin. 1995 , 112, 599-606		9
1371	Conformational flexibility of pulmonary surfactant proteins SP-B and SP-C, studied in aqueous organic solvents. 1995 , 1255, 68-76		41
1370	Elucidating the folding problem of helical peptides using empirical parameters. II. Helix macrodipole effects and rational modification of the helical content of natural peptides. 1995 , 245, 275-96		343
1369	Elucidating the folding problem of helical peptides using empirical parameters. III. Temperature and pH dependence. 1995 , 245, 297-308		226
1368	Structural model of the phospholamban ion channel complex in phospholipid membranes. 1995 , 248, 824-34		118
1367	Experimental analysis of the Schellman motif. 1995 , 251, 150-60		55
1366	Conformational properties of four peptides spanning the sequence of hen lysozyme. 1995 , 252, 483-91		112
1365	Search for nucleation sites in smaller fragments of chymotrypsin inhibitor 2. 1995 , 254, 289-304		69
1364	Preferential heterodimeric parallel coiled-coil formation by synthetic Max and c-Myc leucine zippers: a description of putative electrostatic interactions responsible for the specificity of heterodimerization. 1995 , 254, 505-20		102
1363	The protein conformation and a zinc-binding domain of an autoantigen from mouse seminal vesicle. 1995 , 69, 2084-9		15
1362	Relationship between molecular states (conformation and orientation) and activities of α -amylase adsorbed on ultrafine silica particles. 1995 , 43, 801-807		8
1361	A pair of pyrene groups as a conformational probe for designed four-helix bundle polypeptides. 1995 , 1915-1921		9
1360	Design, synthesis and solution structure of a helix-loop-helix dimer as a template for the rational design of catalytically active polypeptides. 1995 , 2047-2056		48
1359	Structural analysis of peptides encompassing all alpha-helices of three alpha/beta parallel proteins: Che-Y, flavodoxin and P21-ras: implications for alpha-helix stability and the folding of alpha/beta parallel proteins. 1995 , 247, 648-69		31
1358	Physical and conformational properties of synthetic idealized signal sequences parallel their biological function. <i>Biochemistry</i> , 1995 , 34, 9904-12	3.2	43
1357	Design and synthesis of amphiphilic alpha-helical model peptides with systematically varied hydrophobic-hydrophilic balance and their interaction with lipid- and bio-membranes. <i>Biochemistry</i> , 1996 , 35, 13196-204	3.2	171
1356	The conformation of substance P in lipid environments. 1996 , 70, 1716-27		55
1355	HIV-1 gp41 tertiary structure studied by EPR spectroscopy. <i>Biochemistry</i> , 1996 , 35, 13922-8	3.2	39

1354	Binding of substance P agonists to lipid membranes and to the neurokinin-1 receptor. <i>Biochemistry</i> , 1996 , 35, 4365-74	3.2	60
1353	On the dynamics and conformation of the HA2 domain of the influenza virus hemagglutinin. <i>Biochemistry</i> , 1996 , 35, 5359-65	3.2	25
1352	Lactam bridge stabilization of alpha-helices: the role of hydrophobicity in controlling dimeric versus monomeric alpha-helices. <i>Biochemistry</i> , 1996 , 35, 10041-50	3.2	53
1351	Conformational heterogeneity of stability of apomyoglobin studied by hydrogen/deuterium exchange and electrospray ionization mass spectrometry. <i>Biochemistry</i> , 1996 , 35, 4069-78	3.2	82
1350	Guanidine hydrochloride unfolding of peptide helices: separation of denaturant and salt effects. <i>Biochemistry</i> , 1996 , 35, 7292-7	3.2	83
1349	In vitro enzyme activation and folded stability of <i>Pseudomonas aeruginosa</i> exotoxin A and its C-terminal peptide. <i>Biochemistry</i> , 1996 , 35, 9042-51	3.2	23
1348	Coassembly of synthetic segments of shaker K ⁺ channel within phospholipid membranes. <i>Biochemistry</i> , 1996 , 35, 6828-38	3.2	36
1347	Mechanism of laminin chain assembly into a triple-stranded coiled-coil structure. <i>Biochemistry</i> , 1996 , 35, 2885-93	3.2	34
1346	A thermostable 35-residue subdomain within villin headpiece. 1996 , 260, 126-34		195
1345	Use of a conformationally restricted secondary structural element to display peptide libraries: a two-stranded alpha-helical coiled-coil stabilized by lactam bridges. 1996 , 262, 270-82		36
1344	Inhibitors of human immunodeficiency virus type 1 derived from gp41 transmembrane protein: structure-activity studies. 1996 , 39, 2681-9		11
1343	Efforts toward deriving the CD spectrum of a 3(10) helix in aqueous medium. 1996 , 399, 47-52		73
1342	Ligand stabilization of the beta 2 adrenergic receptor: effect of DTT on receptor conformation monitored by circular dichroism and fluorescence spectroscopy. <i>Biochemistry</i> , 1996 , 35, 14445-51	3.2	26
1341	Biological characterization of two novel cathelicidin-derived peptides and identification of structural requirements for their antimicrobial and cell lytic activities. <i>Journal of Biological Chemistry</i> , 1996 , 271, 28375-81	5.4	180
1340	The 18-kilodalton <i>Chlamydia trachomatis</i> histone H1-like protein (Hc1) contains a potential N-terminal dimerization site and a C-terminal nucleic acid-binding domain. 1996 , 178, 994-1002		9
1339	Alpha-helical, but not beta-sheet, propensity of proline is determined by peptide environment. 1996 , 93, 6676-81		205
1338	Membrane disruption by Alzheimer beta-amyloid peptides mediated through specific binding to either phospholipids or gangliosides. Implications for neurotoxicity. <i>Journal of Biological Chemistry</i> , 1996 , 271, 26482-9	5.4	267
1337	Characterization of sheep lacrimal-gland peroxidase and its major physiological electron donor. <i>Biochemical Journal</i> , 1996 , 314 (Pt 2), 413-9	3.8	13

1336	Conformational dependence of electron transfer across de novo designed metalloproteins. 1996 , 93, 9521-6	42
1335	Probing the oligomeric structure of an enzyme by electrospray ionization time-of-flight mass spectrometry. 1996 , 93, 6851-6	100
1334	Isolation and characterization of a monomethioninesulfoxide variant of interferon alpha-2b. 1996 , 13, 762-9	30
1333	Adsorption activity and conformation of α -amylase on various ultrafine silica particles modified with polymer silane coupling agents. 1996 , 109, 129-136	20
1332	Fluorescence behavior of tryptophan residues of bovine and human serum albumins in ionic surfactant solutions: a comparative study of the two and one tryptophan(s) of bovine and human albumins. 1996 , 15, 265-72	211
1331	Purification and structural characterization of bovine cathelicidins, precursors of antimicrobial peptides. 1996 , 238, 769-76	46
1330	Stabilization of proteins by rational design of α -helix stability using helix/coil transition theory. 1996 , 1, 29-34	68
1329	Analysis of the effect of local interactions on protein stability. 1996 , 1, 167-78	61
1328	Local versus nonlocal interactions in protein folding and stability--an experimentalist's point of view. 1996 , 1, R71-7	79
1327	Structure and dynamics of a designed helix-loop-helix dimer in dilute aqueous trifluoroethanol solution. A strategy for NMR spectroscopic structure determination of molten globules in the rational design of native-like proteins. 1996 , 1, 347-56	40
1326	Native-like secondary structure in a peptide from the alpha-domain of hen lysozyme. 1996 , 1, 473-84	14
1325	Site-specific modification of α -helical peptides with electron donors and acceptors. 1996 , 243, 207-212	12
1324	A New Experimental Method to Determine the Mutual Orientation of Helices in Coiled-Coil Proteins: Structural Information about the Dimeric Interface of cJun, cFos, GCN4, and gp41. 1996 , 2, 403-411	5
1323	Conformation and Self-Association of a Hybrid Peptide of Cecropin A and Melittin with Improved Antibiotic Activity. 1996 , 2, 838-846	5
1322	Disruption of coiled coil formation by methionine oxidation. 1996 , 6, 229-232	17
1321	CD studies of peptides that mimic the four helicoidal sequences of the uteroglobin monomer. 1996 , 2, 353-362	3
1320	A natural variant of type I antifreeze protein with four ice-binding repeats is a particularly potent antifreeze. 1996 , 5, 1150-6	55
1319	Conformation and molecular topography of the N-terminal segment of surfactant protein B in structure-promoting environments. 1996 , 5, 1662-75	73

1318	Secondary structure, membrane localization, and coassembly within phospholipid membranes of synthetic segments derived from the N- and C-termini regions of the ROMK1 K ⁺ channel. 1996 , 5, 2287-97		13
1317	Helix propagation and N-cap propensities of the amino acids measured in alanine-based peptides in 40 volume percent trifluoroethanol. 1996 , 5, 2623-37		239
1316	Hydrophobic effects on antibacterial and channel-forming properties of cecropin A-melittin hybrids. 1996 , 2, 223-32		29
1315	Proline scanning mutagenesis of a molten globule reveals non-cooperative formation of a protein's overall topology. 1996 , 3, 682-7		93
1314	Theory of Circular Dichroism of Proteins. 1996 , 25-67		120
1313	Nuclear magnetic resonance chemical shift: comparison of estimated secondary structures in peptides by nuclear magnetic resonance and circular dichroism. 1996 , 9, 15-25		13
1312	Biophysical characterization of a recombinant soluble interleukin 2 receptor (Tac). Evidence for a monomeric structure. <i>Journal of Biological Chemistry</i> , 1996 , 271, 10453-60	5-4	19
1311	Native chick laminin-4 containing the beta 2 chain (s-laminin) promotes motor axon growth. 1996 , 135, 1583-92		70
1310	DNA binding of Jun and Fos bZip domains: homodimers and heterodimers induce a DNA conformational change in solution. 1996 , 24, 4487-94		24
1309	Influence of Helix Formation on cis/trans Isomerism of Xaa-Pro Bonds Flanking the Helical Segment. 1996 , 377, 489-496		15
1308	Turns. 1996 , 285-380		78
1307	Determination of Protein Secondary Structure. 1996 , 69-107		160
1306	CD Spectroscopy and the Helix-Coil Transition in Peptides and Polypeptides. 1996 , 201-259		40
1305	The oligomerization domain of the asialoglycoprotein receptor preferentially forms 2:2 heterotetramers in vitro. <i>Journal of Biological Chemistry</i> , 1996 , 271, 31996-2001	5-4	39
1304	Calcium Binding Proteins. 1996 , 105-116		4
1303	A trimeric structural subdomain of the HIV-1 transmembrane glycoprotein. 1997 , 15, 465-71		139
1302	Demonstration of coiled-coil interactions within the kinesin neck region using synthetic peptides. Implications for motor activity. <i>Journal of Biological Chemistry</i> , 1997 , 272, 8946-56	5-4	72
1301	A structural change occurs upon binding of syntaxin to SNAP-25. <i>Journal of Biological Chemistry</i> , 1997 , 272, 4582-90	5-4	137

1300	Identification of CRAMP, a cathelin-related antimicrobial peptide expressed in the embryonic and adult mouse. <i>Journal of Biological Chemistry</i> , 1997 , 272, 13088-93	5.4	302
1299	Structure of the C-terminal fragment 300-320 of the rat angiotensin II AT1A receptor and its relevance with respect to G-protein coupling. <i>Journal of Biological Chemistry</i> , 1997 , 272, 9734-41	5.4	58
1298	Molding a peptide into an RNA site by in vivo peptide evolution. 1997 , 94, 11887-92		56
1297	Identification of an N-capping box that affects the alpha 6-helix propensity in glutathione S-transferase superfamily proteins: a role for an invariant aspartic residue. <i>Biochemical Journal</i> , 1997 , 322 (Pt 1), 229-34	3.8	32
1296	Solution conformation of a peptide corresponding to bovine kappa-casein B residues 130-153 by circular dichroism spectroscopy and 1H-nuclear magnetic resonance spectroscopy. 1997 , 64, 377-97		19
1295	Hydrogen-exchange kinetics of reduced alpha-lactalbumin bound to the chaperonin GroEL. 1997 , 121, 534-41		11
1294	Quorum sensing in <i>Vibrio fischeri</i> : essential elements for activation of the luminescence genes. 1997 , 179, 557-62		143
1293	Backbone structure and dynamics of a hemolymph protein from the mealworm beetle <i>Tenebrio molitor</i> . <i>Biochemistry</i> , 1997 , 36, 13791-801	3.2	14
1292	Calcium binding peptides from alpha-lactalbumin: implications for protein folding and stability. <i>Biochemistry</i> , 1997 , 36, 4607-15	3.2	33
1291	Solution conformations of a peptide containing the cytoplasmic domain sequence of the beta amyloid precursor protein. <i>Biochemistry</i> , 1997 , 36, 8145-52	3.2	25
1290	Protein dissection of the antiparallel coiled coil from <i>Escherichia coli</i> seryl tRNA synthetase. <i>Biochemistry</i> , 1997 , 36, 2544-9	3.2	31
1289	Laser temperature jump study of the helixcoil kinetics of an alanine peptide interpreted with a 'kinetic zipper' model. <i>Biochemistry</i> , 1997 , 36, 9200-10	3.2	334
1288	Identification of kinesin neck region as a stable alpha-helical coiled coil and its thermodynamic characterization. <i>Biochemistry</i> , 1997 , 36, 1933-42	3.2	59
1287	Conformational analysis of LYS(11-36), a peptide derived from the beta-sheet region of T4 lysozyme, in TFE and SDS. <i>Biochemistry</i> , 1997 , 36, 11525-33	3.2	43
1286	Thymosin beta 4 binds actin in an extended conformation and contacts both the barbed and pointed ends. <i>Biochemistry</i> , 1997 , 36, 5806-16	3.2	103
1285	Structural RNA mimetics: N3'-->P5' phosphoramidate DNA analogs of HIV-1 RRE and TAR RNA form A-type helices that bind specifically to Rev and Tat-related peptides. <i>Biochemistry</i> , 1997 , 36, 650-9	3.2	31
1284	Circular dichroism of model peptides emulating the amphipathic alpha-helical regions of intermediate filaments. <i>Biochemistry</i> , 1997 , 36, 2559-65	3.2	31
1283	Electron Transfer across a Peptide-Peptide Interface within a Designed Metalloprotein. 1997 , 119, 8377-8378		30

1282	De novo design, synthesis, and characterization of a pore-forming small globular protein and its insertion into lipid bilayers. <i>Biochemistry</i> , 1997 , 36, 3782-91	3.2	25
1281	Global topology & stability and local structure & dynamics in a synthetic spin-labeled four-helix bundle protein. <i>Biochemistry</i> , 1997 , 36, 2798-806	3.2	62
1280	The exchangeable yeast ribosomal acidic protein YP2beta shows characteristics of a partly folded state under physiological conditions. <i>Biochemistry</i> , 1997 , 36, 9625-35	3.2	43
1279	Contribution of increased length and intact capping sequences to the conformational preference for helix in a 31-residue peptide from the C terminus of myohemerythrin. <i>Biochemistry</i> , 1997 , 36, 5234-44	3.2	41
1278	Special folding pathway to tetramer only through the micelle state of the corticotropin-releasing factor. <i>Biochemistry</i> , 1997 , 36, 15538-45	3.2	7
1277	C repeats of the streptococcal M1 protein achieve the human serum albumin binding ability by flanking regions which stabilize the coiled-coil conformation. <i>Biochemistry</i> , 1997 , 36, 8107-13	3.2	16
1276	Direct observation of aminoglycoside-RNA interactions by surface plasmon resonance. 1997 , 119, 3641-8		186
1275	Catalysis of Hydrolysis and Transesterification Reactions of p-Nitrophenyl Esters by a Designed Helix-Loop-Helix Dimer. 1997 , 119, 11362-11372		91
1274	Thermal unfolding in a GCN4-like leucine zipper: ¹³ C alpha NMR chemical shifts and local unfolding curves. 1997 , 73, 1031-41		60
1273	Formation of stable polypeptide monolayers at interfaces: controlling molecular conformation and orientation. 1997 , 73, 1056-72		101
1272	The structure and organization of synthetic putative membranous segments of ROMK1 channel in phospholipid membranes. 1997 , 72, 85-96		24
1271	Design, synthesis, and characterization of a cationic peptide that binds to nucleic acids and permeabilizes bilayers. <i>Biochemistry</i> , 1997 , 36, 3008-17	3.2	393
1270	Self-assembly of designed antimicrobial peptides in solution and micelles. <i>Biochemistry</i> , 1997 , 36, 9540-9	3.2	60
1269	Mechanism of helix induction by trifluoroethanol: a framework for extrapolating the helix-forming properties of peptides from trifluoroethanol/water mixtures back to water. <i>Biochemistry</i> , 1997 , 36, 8413-21	3.2	577
1268	Conformational preferences of a peptide corresponding to the major antigenic determinant of foot-and-mouth disease virus: implications for peptide-vaccine approaches. <i>Archives of Biochemistry and Biophysics</i> , 1997 , 341, 360-9	4.1	13
1267	The tryptophan/histidine interaction in alpha-helices. 1997 , 267, 184-97		94
1266	Non-native local interactions in protein folding and stability: introducing a helical tendency in the all beta-sheet alpha-spectrin SH3 domain. 1997 , 268, 760-78		57
1265	Bioincorporation of telluromethionine into proteins: a promising new approach for X-ray structure analysis of proteins. 1997 , 270, 616-23		59

1264	Hydrogen bonding interactions between glutamine and asparagine in alpha-helical peptides. 1997 , 272, 465-73	56
1263	Helix-loop-helix motif in GnRH associated peptide is critical for negative regulation of prolactin secretion. 1997 , 272, 731-40	19
1262	C-capping and helix stability: the Pro C-capping motif. 1997 , 274, 276-88	53
1261	Purification, characterization and conformational analysis of a haemorrhagin from the venom of <i>Agkistrodon acutus</i> . 1997 , 35, 283-92	25
1260	A natural motif approach to protein design: a synthetic leucine zipper peptide mimics the biological function of the platelet factor 4 protein. 1997 , 409, 183-7	13
1259	Trifluoroethanol induces the self-association of specific amphipathic peptides. 1997 , 416, 265-8	32
1258	Skn-1: evidence for a bipartite recognition helix in DNA binding. 1997 , 94, 5556-61	9
1257	Role of a nonnative interaction in the folding of the protein G B1 domain as inferred from the conformational analysis of the alpha-helix fragment. 1997 , 2, 123-33	31
1256	Human ribosomal protein L7 binds RNA with an alpha-helical arginine-rich and lysine-rich domain. 1997 , 245, 549-56	24
1255	Characterisation of the isolated Che Y C-terminal fragment (79-129)--Exploring the structure/stability/folding relationship of the alpha/beta parallel protein Che Y. 1997 , 243, 384-92	9
1254	Spectroscopic studies of the C-terminal secretion signal of the <i>Serratia marcescens</i> haem acquisition protein (HasA) in various membrane-mimetic environments. 1997 , 243, 400-7	19
1253	Design of synthetic antimicrobial peptides based on sequence analogy and amphipathicity. 1997 , 250, 549-58	106
1252	Helix stability in barstar peptides. 1997 , 249, 724-32	10
1251	Non-specific helix-induction in charged homopolypeptides by alcohols. 1997 , 1338, 69-76	19
1250	Isotropic solutions of phospholipid bicelles: a new membrane mimetic for high-resolution NMR studies of polypeptides. 1997 , 9, 329-35	197
1249	Conformation of 60-residue peptide fragment from N-terminal of porcine kidney fructose 1,6-bisphosphatase. 1997 , 40, 251-6	
1248	Methionine-containing zipper peptides. 1997 , 4, 135-140	3
1247	Temperature coefficients of peptides dissolved in hexafluoroisopropanol monitor distortions of helices. 1997 , 4, 29-39	5

1246	Conformational analysis of peptides corresponding to all the secondary structure elements of protein L B1 domain: secondary structure propensities are not conserved in proteins with the same fold. 1997 , 6, 162-74	42
1245	The interaction of beta-amyloid protein fragment (12-28) with lipid environments. 1997 , 6, 666-75	44
1244	Design, synthesis, expression, and characterization of the genes for mouse Fc gamma RIIb1 and Fc gamma RIIb2 cytoplasmic regions. 1997 , 6, 1038-46	2
1243	Absence of a stable intermediate on the folding pathway of protein A. 1997 , 6, 1449-57	113
1242	Empirical parameterization of a model for predicting peptide helix/coil equilibrium populations. 1997 , 6, 1920-36	49
1241	A limitation of two-state analysis for transitions between disordered and weakly ordered states. 1997 , 4, 507-12	3
1240	Secondary solvent effects on the circular dichroism spectra of polypeptides in non-aqueous environments: influence of polarisation effects on the far ultraviolet spectra of alamethicin. 1997 , 65, 65-74	32
1239	Dichroic statistical model for prediction and analysis of peptide helicity. 1997 , 28, 467-480	11
1238	pH responsive microdomain formation in a de novo polypeptide. 1997 , 41, 521-32	4
1237	"Teflon-coated peptides": hexafluoroacetone trihydrate as a structure stabilizer for peptides. 1997 , 42, 125-8	58
1236	Design and synthesis of novel nonpolar host peptides for the determination of the 310- and β -helix compatibilities of amino acid building blocks: An assessment of β -disubstituted glycines. 1997 , 42, 575-626	23
1235	Peptides as tools for studying propeptide and proprotein processing. 1997 , 352, 155-178	8
1234	Structural study of the interaction between the mitochondrial presequence of cytochrome c oxidase subunit IV and model membranes. 1998 , 18, 251-63	4
1233	Cecropin A - magainin 2 hybrid peptides having potent antimicrobial activity with low hemolytic effect. 1998 , 44, 1119-26	17
1232	A distinct 14 residue site triggers coiled-coil formation in cortexillin I. <i>EMBO Journal</i> , 1998 , 17, 1883-91	13 107
1231	Distinct Rab-binding domains mediate the interaction of Rabaptin-5 with GTP-bound Rab4 and Rab5. <i>EMBO Journal</i> , 1998 , 17, 1941-51	13 202
1230	Subunit conformation and dynamics in a heterodimeric protein: studies of the hybrid isozyme of creatine kinase. 1998 , 1387, 447-53	18
1229	Spectroscopic studies of the interaction of Ca ²⁺ -ATPase-peptides with dodecyl maltoside and its brominated analog. 1998 , 257, 216-27	9

1228	Structural information on a cecropin-like synthetic peptide, Shiva-3 toxic to the sporogonic development of <i>Plasmodium berghei</i> . 1998 , 257, 263-73	21
1227	Characterization of a calcium-dependent calmodulin-binding domain in the 135-kD human protein 4.1 isoform. 1998 , 258, 567-71	16
1226	Effects of Adsorption Conditions on Kinetics of Protein Adsorption and Conformational Changes at Ultrafine Silica Particles. 1998 , 198, 34-41	90
1225	The effect of N-methylation on helical peptides. 1998 , 40, 609-616	8
1224	Predicted and trifluoroethanol-induced helicity of polypeptides. 1998 , 39, 367-376	26
1223	Threshold hydrophobicity dictates helical conformations of peptides in membrane environments. 1996 , 39, 465-70	64
1222	CD and NMR structural characterization of ceratotoxins, natural peptides with antimicrobial activity. 1998 , 39, 653-664	3
1221	Structural cassette mutagenesis in a de novo designed protein: proof of a novel concept for examining protein folding and stability. 1998 , 47, 101-23	7
1220	Chemical synthesis of human protein S thrombin-sensitive module and first epidermal growth factor module. 1998 , 46, 53-63	18
1219	Effects of backbone modification on helical peptides: the reduced carbonyl modification. 1998 , 46, 181-93	3
1218	Structure of segments of a G protein-coupled receptor: CD and NMR analysis of the <i>Saccharomyces cerevisiae</i> tridecapeptide pheromone receptor. 1998 , 46, 343-57	25
1217	Conformational mapping of a viral fusion peptide in structure-promoting solvents using circular dichroism and electrospray mass spectrometry. 1998 , 33, 38-49	27
1216	Calcium-protein interactions in the extracellular environment: calcium binding, activation, and immunolocalization of a collagenase/gelatinase activity expressed in the sea urchin embryo. 1998 , 71, 546-58	11
1215	Probing enzyme quaternary structure by combinatorial mutagenesis and selection. 1998 , 7, 1757-67	29
1214	Antimicrobial activity and conformation of gaegurin-6 amide and its analogs. 1998 , 19, 1653-8	13
1213	Cytotoxicity of pilosulin 1, a peptide from the venom of the jumper ant <i>Myrmecia pilosula</i> . 1998 , 1425, 74-80	27
1212	Biological characterization of a novel mammalian antimicrobial peptide. 1998 , 1425, 361-8	31
1211	Redox potential controls the structure and DNA binding activity of the paired domain. <i>Journal of Biological Chemistry</i> , 1998 , 273, 25062-72	5-4 86

1210	Helicity, membrane incorporation, orientation and thermal stability of the large conductance mechanosensitive ion channel from <i>E. coli</i> . 1998 , 1369, 131-40		25
1209	Structural investigations of basic amphipathic model peptides in the presence of lipid vesicles studied by circular dichroism, fluorescence, monolayer and modeling. 1998 , 1371, 265-83		18
1208	Cystic fibrosis transmembrane conductance regulator: expression and helicity of a double membrane-spanning segment. 1998 , 431, 29-33		21
1207	A small, thermostable, and monofunctional chorismate mutase from the archaeon <i>Methanococcus jannaschii</i> . <i>Biochemistry</i> , 1998 , 37, 10062-73	3.2	82
1206	Circular dichroism and electron microscopy of a core Y61F mutant of the F1 gene 5 single-stranded DNA-binding protein and theoretical analysis of CD spectra of four Tyr → Phe substitutions. <i>Biochemistry</i> , 1998 , 37, 7463-77	3.2	26
1205	Conformation and ion-channeling activity of a 27-residue peptide modeled on the single-transmembrane segment of the IsK (minkK) protein. <i>Biochemistry</i> , 1998 , 37, 8121-31	3.2	31
1204	Bridging of Nonionic Reverse Micelles by a Myelin Transmembrane Protein. 1998 , 102, 528-533		16
1203	Structural characterization and topology of the second potential membrane anchor region in the thromboxane A2 synthase amino-terminal domain. <i>Biochemistry</i> , 1998 , 37, 822-30	3.2	19
1202	Insertion of magainin into the lipid bilayer detected using lipid photolabels. <i>Biochemistry</i> , 1998 , 37, 13793-9		19
1201	A buried polar interaction can direct the relative orientation of helices in a coiled coil. <i>Biochemistry</i> , 1998 , 37, 12603-10	3.2	161
1200	Biophysical properties of human erythrocyte spectrin at alkaline pH: implications for spectrin structure, function, and association. <i>Biochemistry</i> , 1998 , 37, 264-71	3.2	11
1199	Structural transitions accompanying the activation of peptide binding to the endoplasmic reticulum Hsp90 chaperone GRP94. <i>Biochemistry</i> , 1998 , 37, 5709-19	3.2	57
1198	Conformation and lipid binding properties of four peptides derived from the membrane-binding domain of CTP:phosphocholine cytidyltransferase. <i>Biochemistry</i> , 1998 , 37, 9509-19	3.2	56
1197	Expression, purification, and characterization of Sss1p, an essential component of the yeast Sec61p protein translocation complex. 1998 , 13, 423-32		5
1196	Characterization of the secondary structure and membrane interaction of the putative membrane anchor domains of prostaglandin I2 synthase and cytochrome P450 2C1. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 352, 78-84	4.1	27
1195	A peptide corresponding to residues Asp177 to Asn208 of human cyclin A forms an alpha-helix. 1998 , 253, 621-7		8
1194	Rat GTP cyclohydrolase I is a homodecameric protein complex containing high-affinity calcium-binding sites. 1998 , 279, 189-99		18
1193	Position dependence of non-polar amino acid intrinsic helical propensities. 1998 , 278, 279-89		66

1192	Insights into the mechanism of heterodimerization from the ¹ H-NMR solution structure of the c-Myc-Max heterodimeric leucine zipper. 1998 , 281, 165-81		88
1191	Elucidating the folding problem of alpha-helices: local motifs, long-range electrostatics, ionic-strength dependence and prediction of NMR parameters. 1998 , 284, 173-91		378
1190	Porcine cerebroside sulfate activator (saposin B) secondary structure: CD, FTIR, and NMR studies. 1998 , 63, 14-25		20
1189	Aqueous solubilization of transmembrane peptide sequences with retention of membrane insertion and function. 1998 , 74, 256-67		59
1188	Determination of sedimentation coefficients for small peptides. 1998 , 74, 466-74		71
1187	Synthetic HemePeptide Complexes. 1998 , 120, 6183-6184		51
1186	Formation of Oriented Helical Peptide Layers on a Gold Surface Due to the Self-Assembling Properties of Peptides. 1998 , 14, 6935-6940		99
1185	Structure-activity relation of NH ₂ -terminal human parathyroid hormone fragments. <i>Journal of Biological Chemistry</i> , 1998 , 273, 4308-16	5-4	23
1184	A carboxypeptidase inhibitor from the medical leech <i>Hirudo medicinalis</i> . Isolation, sequence analysis, cDNA cloning, recombinant expression, and characterization. <i>Journal of Biological Chemistry</i> , 1998 , 273, 32927-33	5-4	67
1183	An autonomous folding unit mediates the assembly of two-stranded coiled coils. 1998 , 95, 13419-24		158
1182	Binding of an oligopeptide to a specific plane of ice. <i>Journal of Biological Chemistry</i> , 1998 , 273, 11714-8	5-4	64
1181	High level expression and dimer characterization of the S100 EF-hand proteins, migration inhibitory factor-related proteins 8 and 14. <i>Journal of Biological Chemistry</i> , 1998 , 273, 12427-35	5-4	165
1180	Tenascin-C hexabrachion assembly is a sequential two-step process initiated by coiled-coil alpha-helices. <i>Journal of Biological Chemistry</i> , 1998 , 273, 10602-8	5-4	91
1179	Modular synthesis of de novo-designed metalloproteins for light-induced electron transfer. 1998 , 95, 11526-31		79
1178	Small espin: a third actin-bundling protein and potential forked protein ortholog in brush border microvilli. 1998 , 143, 107-19		116
1177	Assembly of a ternary complex by the predicted minimal coiled-coil-forming domains of syntaxin, SNAP-25, and synaptobrevin. A circular dichroism study. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34214-21	5-4	23
1176	Proteins: Some principles of classification and structure. 1998 , 7, 1-50		3
1175	NMR and CD studies on the conformation of a synthetic peptide containing epitopes of the human immunodeficiency virus 1 transmembrane protein gp41. 1996 , 38, 423-35		3

1174	N- and C-Terminal Effect of Amphiphilic Helical Peptides on the Interaction with Model- and Bio-Membranes. 1998 , 71, 1151-1158		4
1173	Haem propionates control oxidative and reductive activities of horseradish peroxidase by maintaining the correct orientation of the haem. <i>Biochemical Journal</i> , 1998 , 334 (Pt 1), 51-6	3.8	16
1172	Identification and characterization of the antimicrobial peptide corresponding to C-terminal beta-sheet domain of tenecin 1, an antibacterial protein of larvae of <i>Tenebrio molitor</i> . <i>Biochemical Journal</i> , 1998 , 334 (Pt 1), 99-105	3.8	52
1171	Activities of LL-37, a cathelin-associated antimicrobial peptide of human neutrophils. 1998 , 42, 2206-14		861
1170	Inhibition of human immunodeficiency virus type 1 infectivity by the gp41 core: role of a conserved hydrophobic cavity in membrane fusion. 1999 , 73, 8578-86		74
1169	Characterization of the amino-terminal activation domain of peroxisome proliferator-activated receptor alpha. Importance of alpha-helical structure in the transactivating function. <i>Journal of Biological Chemistry</i> , 1999 , 274, 35152-8	5.4	38
1168	Alpha-helix nucleation by a calcium-binding peptide loop. 1999 , 96, 903-8		69
1167	Structure of two fragments of the third cytoplasmic loop of the rat angiotensin II AT1A receptor. Implications with respect to receptor activation and G-protein selection and coupling. <i>Journal of Biological Chemistry</i> , 1999 , 274, 227-35	5.4	39
1166	Catalytic oxidation of alkenes with a surface-bound metalloporphyrin-peptide conjugate. 1999 , 55, 1859-1870		37
1165	Synthesis of novel unnatural amino acid as a building block and its incorporation into an antimicrobial peptide. 1999 , 7, 2985-90		43
1164	Structure-activity studies of normal and retro pig cecropin-melittin hybrids. 1999 , 53, 244-51		7
1163	Synthesis and study of peptides with semirigid i and i + 7 side-chain bridges designed for alpha-helix stabilization. 1999 , 7, 161-75		29
1162	Position dependence of amino acid intrinsic helical propensities II: non-charged polar residues: Ser, Thr, Asn, and Gln. 1999 , 8, 2144-50		40
1161	Formation of amyloid fibrils by peptides derived from the bacterial cold shock protein CspB. 1999 , 8, 1350-7		60
1160	Stable proline box motif at the N-terminal end of alpha-helices. 1999 , 8, 1733-42		41
1159	Purification and characterization of a soybean-milk-coagulating enzyme from <i>Bacillus pumilus</i> TYO-67. 1999 , 51, 474-9		26
1158	Engineering of deltoid and reduced deltoid: Two chimeric proteins containing the oligomerization site of the hepatitis delta antigen. 1999 , 6, 23-32		1
1157	Heterobifunctionalized tetraethylene glycol: A spacer for surface attachment of viral peptide epitopes for ELISA and derivatization of membrane modifying peptides. 1999 , 6, 135-142		7

1156	Application of the disulfide trapping approach to explain the antiparallel assembly of dimeric rabbit uteroglobin: A preliminary study using short peptide models. 1999 , 6, 165-172		4
1155	Domain-domain interactions in high mobility group 1 protein (HMG1). 1999 , 260, 692-700		31
1154	Production in <i>Escherichia coli</i> and site-directed mutagenesis of a 9-kDa nonspecific lipid transfer protein from wheat. 1999 , 260, 861-8		20
1153	Mass spectrometry to characterize the binding of a peptide to a lipid surface. 1999 , 275, 22-9		9
1152	Equilibrium unfolding CD studies of bovine beta-lactoglobulin and its 14-52 fragment at acidic pH. 1999 , 49, 441-50		18
1151	Microencapsulation of human growth hormone within biodegradable polyester microspheres: protein aggregation stability and incomplete release mechanism. 1999 , 65, 659-67		142
1150	Analyzing protein circular dichroism spectra for accurate secondary structures. 1999 , 35, 307-312		563
1149	Differences in the effects of TFE on the folding pathways of human stefins A and B. 1999 , 36, 205-216		23
1148	Structural changes of hake (<i>Merluccius merluccius</i> L.) fillets: effects of freezing and frozen storage. 1999 , 47, 952-9		88
1147	Zn(2+) ions selectively induce antimicrobial salivary peptide histatin-5 to fuse negatively charged vesicles. Identification and characterization of a zinc-binding motif present in the functional domain. <i>Biochemistry</i> , 1999 , 38, 9626-33	3.2	66
1146	Natively unfolded human prothymosin alpha adopts partially folded collapsed conformation at acidic pH. <i>Biochemistry</i> , 1999 , 38, 15009-16	3.2	126
1145	Article. 1999 , 77, 990-996		3
1144	Heterodimerization of a functional GABAB receptor is mediated by parallel coiled-coil alpha-helices. <i>Biochemistry</i> , 1999 , 38, 13263-9	3.2	87
1143	Conformational and aggregational properties of the gene 9 minor coat protein of bacteriophage M13 in membrane-mimicking systems. <i>Biochemistry</i> , 1999 , 38, 1128-35	3.2	8
1142	Comparative stability analysis of the thyroid transcription factor 1 and Antennapedia homeodomains: evidence for residue 54 in controlling the structural stability of the recognition helix. 1999 , 31, 1339-53		5
1141	Thermal features of the bovine serum albumin unfolding by polyethylene glycols. 1999 , 26, 23-33		50
1140	Factors affecting the dissociation and aggregation of human interferon gamma. 1999 , 26, 357-62		13
1139	Solution conformation on bovine growth hormone releasing factor by 1H NMR and molecular modeling. 1999 , 456, 343-8		3

1138	Cooperative folding units of escherichia coli tryptophan repressor. 1999 , 77, 1619-26		4
1137	Two-phase induction of the nonnative alpha-helical form of beta-lactoglobulin in the presence of trifluoroethanol. 1999 , 76, 451-7		38
1136	Cavitands Are Effective Templates for Inducing Stability and Nativelike Structure in de Novo Four-Helix Bundles. 1999 , 121, 8983-8994		45
1135	Oriented Helical Peptide Layer on the Carboxylate-Terminated Alkanethiol Immobilized on a Gold Surface. 1999 , 15, 1155-1160		40
1134	NMR conformational study of the sixth transmembrane segment of sarcoplasmic reticulum Ca ²⁺ -ATPase. <i>Biochemistry</i> , 1999 , 38, 5813-21	3.2	29
1133	Trimerization specificity in HIV-1 gp41: analysis with a GCN4 leucine zipper model. <i>Biochemistry</i> , 1999 , 38, 5378-85	3.2	52
1132	Structural analysis of the heparin-binding site of the NC1 domain of collagen XIV by CD and NMR. <i>Biochemistry</i> , 1999 , 38, 6479-88	3.2	30
1131	Modular nucleic acid surrogates. Solid phase synthesis of alpha-helical peptide nucleic acids (alpha PNAs). 1999 , 1, 403-5		18
1130	The sterol carrier protein-2 amino terminus: a membrane interaction domain. <i>Biochemistry</i> , 1999 , 38, 13231-43	3.2	43
1129	Characterization of the DNA binding properties of the bHLH domain of Deadpan to single and tandem sites. <i>Biochemistry</i> , 1999 , 38, 5138-46	3.2	28
1128	Autophosphorylation dependent destabilization of the insulin receptor kinase domain: tryptophan-1175 reports changes in the catalytic cleft. <i>Biochemistry</i> , 1999 , 38, 3079-89	3.2	19
1127	Thermodynamic properties and DNA binding of the ParD protein from the broad host-range plasmid RK2/RP4 killing system. 1999 , 380, 1413-20		28
1126	De novo design of a model peptide sequence to examine the effects of single amino acid substitutions in the hydrophobic core on both stability and oligomerization state of coiled-coils. 1999 , 285, 785-803		80
1125	Long-range effects on dynamics in a temperature-sensitive mutant of trp repressor. 1999 , 285, 361-78		15
1124	Membrane-induced step in the activation of Sendai virus fusion protein. 1999 , 285, 609-25		38
1123	Temperature dependence of intramolecular dynamics of the basic leucine zipper of GCN4: implications for the entropy of association with DNA. 1999 , 285, 2133-46		201
1122	Helix capping in the GCN4 leucine zipper. 1999 , 288, 743-52		39
1121	A calorimetric study of the folding-unfolding of an alpha-helix with covalently closed N and C-terminal loops. 1999 , 291, 965-76		48

1120	Local folding coupled to RNA binding in the yeast ribosomal protein L30. 1999 , 292, 345-59		28
1119	Preparation of the cerebroside sulfate activator (CSAct or saposin B) from human urine. 1999 , 68, 391-403		6
1118	Conformation and antimicrobial activity of linear derivatives of tachyplesin lacking disulfide bonds. <i>Archives of Biochemistry and Biophysics</i> , 1999 , 361, 127-34	4.1	84
1117	Co-operation between the PAI and RED subdomains of Pax-8 in the interaction with the thyroglobulin promoter. <i>Biochemical Journal</i> , 1999 , 337, 253-262	3.8	27
1116	Co-operation between the PAI and RED subdomains of Pax-8 in the interaction with the thyroglobulin promoter. <i>Biochemical Journal</i> , 1999 , 337, 253	3.8	12
1115	Structure-antibacterial, antitumor and hemolytic activity relationships of cecropin A-magainin 2 and cecropin A-melittin hybrid peptides. 1999 , 53, 82-90		64
1114	Using peptides as models of RNA-protein interactions. 2000 , 318, 423-38		7
1113	The Effect of D-Amino Acid-Containing Basic Peptides with Different Hydrophobicity on the Antimicrobial and Cytotoxic Activity. 2000 , 73, 2363-2370		1
1112	Characterization of the unique function of a reduced amide bond in a cytolytic peptide that acts on phospholipid membranes. <i>Biochemical Journal</i> , 2000 , 352, 659	3.8	4
1111	Electrostatic Interactions in Leucine Zippers: Effects on Stability and Specificity of Interaction. 2000 , 15, 334-356		3
1110	Bioenergetics: Bacteriorhodopsin, a Light-Driven Proton Pump. 2000 , 475-576		
1109	Circular dichroic constrained structure optimization of homoalanine peptides. 2000 , 21, 270-281		4
1108	Hydrogen-deuterium exchange signature of porcine cerebroside sulfate activator protein. 2000 , 35, 392-401		3
1107	The duplication of an eight-residue helical stretch in Staphylococcal nuclease is not helical: a model for evolutionary change. 2000 , 40, 465-72		2
1106	Native-like cyclic peptide models of a viral antigenic site: finding a balance between rigidity and flexibility. 2000 , 13, 5-13		26
1105	Amphipathic, alpha-helical antimicrobial peptides. 2000 , 55, 4-30		964
1104	Study on the packing geometry, stoichiometry, and membrane interaction of three analogs related to a pore-forming small globular protein. 2000 , 56, 96-108		5
1103	Reactive-site design in folded-polypeptide catalysts--the leaving group pKa of reactive esters sets the stage for cooperativity in nucleophilic and general-acid catalysis. 2000 , 6, 2214-20		24

1102	The role of the carboxyl terminal alpha-helical coiled-coil domain in osmosensing by transporter ProP of Escherichia coli. 2000 , 13, 309-22	53
1101	Secondary structure composition of reconstituted subunit b of the Escherichia coli ATP synthase. 2000 , 267, 3040-8	21
1100	The structure of the membrane-binding 38 C-terminal residues from bovine PP3 determined by liquid- and solid-state NMR spectroscopy. 2000 , 267, 188-99	11
1099	Biophysical studies of the development of amyloid fibrils from a peptide fragment of cold shock protein B. 2000 , 267, 2609-16	31
1098	Analysis of hen egg white lysozyme adsorption on Si(Ti)O ₂ /aqueous solution interfaces at low ionic strength: a biphasic reaction related to solution self-association. 2000 , 17, 81-94	30
1097	Peptide analogs from E-cadherin with different calcium-binding affinities. 2000 , 55, 203-15	10
1096	Studies on the conformational properties of CP-10(42-55), the hinge region of CP-10, using circular dichroism and RP-HPLC. 2000 , 55, 411-8	2
1095	Conformational mapping of the N-terminal segment of surfactant protein B in lipid using ¹³ C-enhanced Fourier transform infrared spectroscopy. 2000 , 55, 330-47	69
1094	Conformational characterization of a helix-nucleated bicyclic GCN4 decapeptide by proton NMR. 2000 , 55, 398-408	12
1093	Antibacterial activity of 15-residue lactoferricin derivatives. 2000 , 56, 265-74	111
1092	Molecular studies on bromovirus capsid protein. VII. Selective packaging on BMV RNA4 by specific N-terminal arginine residuals. 2000 , 275, 207-17	53
1091	Synthesis and NMR solution structure of an alpha-helical hairpin stapled with two disulfide bridges. 2000 , 9, 942-55	29
1090	Protein engineering as a strategy to avoid formation of amyloid fibrils. 2000 , 9, 1700-8	105
1089	Model for stathmin/OP18 binding to tubulin. <i>EMBO Journal</i> , 2000 , 19, 213-22	13 59
1088	Op18/stathmin caps a kinked protofilament-like tubulin tetramer. <i>EMBO Journal</i> , 2000 , 19, 572-80	13 87
1087	Conformational changes of lysozymes with different numbers of disulfide bridges in sodium dodecyl sulfate solutions. 2000 , 278, 979-985	5
1086	Primary structures of PYY, [Pro(34)]PYY, and PYY-(3-36) confer different conformations and receptor selectivity. 2000 , 279, G126-31	88
1085	The transmembrane domains of hepatitis C virus envelope glycoproteins E1 and E2 play a major role in heterodimerization. <i>Journal of Biological Chemistry</i> , 2000 , 275, 31428-37	5-4 124

1084	Chemical synthesis and spontaneous folding of a multidomain protein: anticoagulant microprotein S. 2000 , 97, 14074-8		33
1083	Phospholipid binding of synthetic talin peptides provides evidence for an intrinsic membrane anchor of talin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 17954-61	5-4	40
1082	A protein containing a serine-rich domain with vesicle fusing properties mediates cell cycle-dependent cytosolic pH regulation. <i>Journal of Biological Chemistry</i> , 2000 , 275, 19231-40	5-4	29
1081	Acetylation increases the alpha-helical content of the histone tails of the nucleosome. <i>Journal of Biological Chemistry</i> , 2000 , 275, 35013-20	5-4	125
1080	Structures of ovine corticotropin-releasing factor and its Ala32 mutant as studied by CD and NMR techniques. 2000 , 127, 687-94		
1079	Interactions between HIV-1 gp41 core and detergents and their implications for membrane fusion. <i>Journal of Biological Chemistry</i> , 2000 , 275, 1839-45	5-4	33
1078	The first selective agonist for the neuropeptide YY5 receptor increases food intake in rats. <i>Journal of Biological Chemistry</i> , 2000 , 275, 36043-8	5-4	154
1077	A distinct seven-residue trigger sequence is indispensable for proper coiled-coil formation of the human macrophage scavenger receptor oligomerization domain. <i>Journal of Biological Chemistry</i> , 2000 , 275, 11672-7	5-4	43
1076	Disulfide connectivity in cerebroside sulfate activator is not necessary for biological activity or alpha-helical content but is necessary for trypsin resistance and strong ligand binding. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 376, 266-74	4-1	12
1075	Zn(2+)-mediated structure formation and compaction of the "natively unfolded" human prothymosin alpha. 2000 , 267, 663-8		64
1074	Core structure of the outer membrane lipoprotein from Escherichia coli at 1.9 A resolution. 2000 , 299, 1101-12		92
1073	Effects of side-chain characteristics on stability and oligomerization state of a de novo-designed model coiled-coil: 20 amino acid substitutions in position "d". 2000 , 300, 377-402		221
1072	Extended sugar slide function for the periplasmic coiled coil domain of ScrY. 2000 , 300, 687-95		15
1071	Expression and purification of dynamin II domains and initial studies on structure and function. 2000 , 20, 314-23		16
1070	Involvement of electrostatic interactions in the mechanism of peptide folding induced by sodium dodecyl sulfate binding. <i>Biochemistry</i> , 2000 , 39, 8362-73	3-2	113
1069	Synthesis and characterization of a sequence-specific DNA-binding protein that contains ruthenium polypyridyl centers. 2000 , 300-302, 822-828		16
1068	Enhanced immunogenicity of a conformational epitope of human T-lymphotropic virus type 1 using a novel chimeric peptide. 2000 , 19, 1068-81		28
1067	Effects of the hinge region of cecropin A(1-8)-magainin 2(1-12), a synthetic antimicrobial peptide, on liposomes, bacterial and tumor cells. 2000 , 1463, 209-18		47

1066	Methanol-induced conformations of myoglobin at pH 4.0. <i>Biochemistry</i> , 2000 , 39, 14702-10	3.2	83
1065	Secondary structure, orientation, oligomerization, and lipid interactions of the transmembrane domain of influenza hemagglutinin. <i>Biochemistry</i> , 2000 , 39, 496-507	3.2	106
1064	GCN4 binds with high affinity to DNA sequences containing a single consensus half-site. <i>Biochemistry</i> , 2000 , 39, 6380-9	3.2	43
1063	Conformational selection of inhibitors and substrates by proteolytic enzymes: implications for drug design and polypeptide processing. 2000 , 43, 1271-81		140
1062	Multistep Photoinduced Electron Transfer in a de Novo Helix Bundle: Multimer Self-Assembly of Peptide Chains Including a Chromophore Special Pair1. 2000 , 122, 388-389		48
1061	NMR studies of the anti-apoptotic protein Bcl-xL in micelles. <i>Biochemistry</i> , 2000 , 39, 11024-33	3.2	93
1060	Interhelical ion pairing in coiled coils: solution structure of a heterodimeric leucine zipper and determination of pKa values of Glu side chains. <i>Biochemistry</i> , 2000 , 39, 12804-18	3.2	47
1059	Design and Characterization of A Synthetic Electron-Transfer Protein. 2000 , 122, 7999-8006		46
1058	Synthesis and biophysical analysis of transmembrane domains of a <i>Saccharomyces cerevisiae</i> G protein-coupled receptor. <i>Biochemistry</i> , 2000 , 39, 15462-74	3.2	48
1057	Helical interactions in the HIV-1 gp41 core reveal structural basis for the inhibitory activity of gp41 peptides. <i>Biochemistry</i> , 2000 , 39, 1634-42	3.2	71
1056	Buried polar interactions and conformational stability in the simian immunodeficiency virus (SIV) gp41 core. <i>Biochemistry</i> , 2000 , 39, 676-85	3.2	31
1055	Consequences of cAMP-binding site mutations on the structural stability of the type I regulatory subunit of cAMP-dependent protein kinase. <i>Biochemistry</i> , 2000 , 39, 15022-31	3.2	29
1054	Identification of initiation sites for T4 lysozyme folding using CD and NMR spectroscopy of peptide fragments. <i>Biochemistry</i> , 2000 , 39, 5911-20	3.2	17
1053	Toward a high-resolution structure of phospholamban: design of soluble transmembrane domain mutants. <i>Biochemistry</i> , 2000 , 39, 6825-31	3.2	24
1052	Structural differences between <i>Saccharomyces cerevisiae</i> ribosomal stalk proteins P1 and P2 support their functional diversity. <i>Biochemistry</i> , 2000 , 39, 8935-43	3.2	21
1051	Improving the refolding yield of interleukin-4 through the optimization of local interactions. 2000 , 84, 217-30		12
1050	Probing the mechanism of insulin fibril formation with insulin mutants. <i>Biochemistry</i> , 2001 , 40, 8397-409	3.2	282
1049	Structure and dynamics of high molecular weight glutenin subunits of durum wheat (<i>Triticum durum</i>) in water and alcohol solutions studied by electron paramagnetic resonance and circular dichroism spectroscopies. 2001 , 49, 359-65		1

1048	Overexpression and refolding of the hydrophobic ribosomal P0 protein from <i>Trypanosoma cruzi</i> : a component of the P1/P2/P0 complex. 2001 , 22, 225-33		9
1047	Conformational properties of five peptides corresponding to the entire sequence of glutathione transferase domain II. <i>Archives of Biochemistry and Biophysics</i> , 2001 , 389, 15-21	4.1	6
1046	Acute phase response of C-reactive protein of <i>Labeo rohita</i> to aquatic pollutants is accompanied by the appearance of distinct molecular forms. <i>Archives of Biochemistry and Biophysics</i> , 2001 , 396, 139-50	4.1	29
1045	Fe(III) binding to <i>Bacillus PS3</i> F(1)ATPase, alphabeta subcomplexes and isolated alpha- and beta-subunits. 2001 , 281, 1266-70		3
1044	Purification and structural analysis of the hepatitis B virus preS1 expressed from <i>Escherichia coli</i> . 2001 , 282, 787-92		37
1043	Structure-activity analysis of SMAP-29, a sheep leukocytes-derived antimicrobial peptide. 2001 , 285, 1046-51		40
1042	The carboxyl-terminal lobe of Hsc70 ATPase domain is sufficient for binding to BAG1. 2001 , 289, 1099-105		40
1041	Evaluation of the energetic contribution of interhelical Coulombic interactions for coiled coil helix orientation specificity. 2001 , 313, 371-83		44
1040	Solid-state NMR data support a helix-loop-helix structural model for the N-terminal half of HIV-1 Rev in fibrillar form. 2001 , 313, 845-59		44
1039	Cooperative folding of the isolated alpha-helical domain of hen egg-white lysozyme. 2001 , 314, 321-9		16
1038	Analysis of antimicrobial peptide interactions with hybrid bilayer membrane systems using surface plasmon resonance. 2001 , 1512, 64-76		127
1037	The effect of charge increase on the specificity and activity of a short antimicrobial peptide. 2001 , 22, 1669-74		45
1036	Further studies on the structural requirements for mast cell degranulating (MCD) peptide-mediated histamine release. 2001 , 22, 1987-91		17
1035	Dicynthaurin: an antimicrobial peptide from hemocytes of the solitary tunicate, <i>Halocynthia aurantium</i> . 2001 , 1527, 141-8		70
1034	Total chemical synthesis and chemotactic activity of human S100A12 (EN-RAGE). 2001 , 488, 85-90		53
1033	Amyloid fibril formation by a helical cytochrome. 2001 , 495, 184-6		107
1032	Penetratin-induced aggregation and subsequent dissociation of negatively charged phospholipid vesicles. 2001 , 505, 307-12		70
1031	Evidence for membrane affinity of the C-terminal domain of bovine milk PP3 component. 2001 , 1513, 217-22		25

1030	Preventing estrogen receptor action with dimer-interface peptides. 2001 , 66, 549-58		14
1029	Effect of surface charges on the rates of intermolecular electron-transfer between de novo designed metalloproteins. <i>Biochemistry</i> , 2001 , 40, 12186-92	3.2	16
1028	Structural and functional analysis of the HIV gp41 core containing an Ile573 to Thr substitution: implications for membrane fusion. <i>Biochemistry</i> , 2001 , 40, 2797-807	3.2	32
1027	Guanidine-induced equilibrium unfolding of a homo-hexameric enzyme 4-oxalocrotonate tautomerase (4-OT). <i>Biochemistry</i> , 2001 , 40, 4493-502	3.2	15
1026	Membrane interactions of a novel viral enterotoxin: rotavirus nonstructural glycoprotein NSP4. <i>Biochemistry</i> , 2001 , 40, 4169-80	3.2	34
1025	A GCN4 variant with a C-terminal basic region binds to DNA with wild-type affinity. <i>Biochemistry</i> , 2001 , 40, 13833-9	3.2	7
1024	Anticandida activity is retained in P-113, a 12-amino-acid fragment of histatin 5. 2001 , 45, 1367-73		139
1023	Effect of Viscosity on the Kinetics of α -Helix and β -Hairpin Formation. 2001 , 105, 261-272		147
1022	Protein interactions leading to conformational changes monitored by limited proteolysis: apo form and fragments of horse cytochrome c. <i>Biochemistry</i> , 2001 , 40, 9460-8	3.2	40
1021	Comparison of three fungal laccases from <i>Rigidoporus lignosus</i> and <i>Pleurotus ostreatus</i> : correlation between conformation changes and catalytic activity. 2001 , 83, 67-75		44
1020	Amphipathic alpha helical antimicrobial peptides. 2001 , 268, 5589-600		366
1019	Phosphorylation of serine residues affects the conformation of the calmodulin binding domain of human protein 4.1. 2001 , 268, 4292-9		12
1018	Stepwise proteolytic removal of the beta subdomain in alpha-lactalbumin. The protein remains folded and can form the molten globule in acid solution. 2001 , 268, 4324-33		17
1017	Carboproteins: a 4-alpha-helix bundle protein model assembled on a D-galactopyranoside template. 2001 , 11, 697-700		40
1016	The methanol-induced conformational transitions of beta-lactoglobulin, cytochrome c, and ubiquitin at low pH: a study by electrospray ionization mass spectrometry. 2001 , 12, 317-28		58
1015	De novo design of fibrils made of short alpha-helical coiled coil peptides. 2001 , 8, 1025-32		134
1014	NMR and CD conformational studies of the C-terminal 16-peptides of <i>Pseudomonas aeruginosa</i> c551 and <i>Hydrogenobacter thermophilus</i> c552 cytochromes. 2001 , 57, 39-47		12
1013	Increased antibacterial activity of 15-residue murine lactoferricin derivatives. 2001 , 57, 127-39		34

1012	Antibacterial, antitumor and hemolytic activities of alpha-helical antibiotic peptide, P18 and its analogs. 2001 , 58, 504-14		79
1011	Designing heterodimeric two-stranded alpha-helical coiled-coils: the effect of chain length on protein folding, stability and specificity. 2001 , 58, 477-92		59
1010	Measurement of the affinity of melittin for zwitterionic and anionic membranes using immobilized lipid biosensors. 2001 , 58, 464-76		53
1009	Clavaspirin, an antibacterial and haemolytic peptide from <i>Styela clava</i> . 2001 , 58, 445-456		46
1008	Behaviour of bovine phosphatidylethanolamine-binding protein with model membranes. Evidence of affinity for negatively charged membranes. 2001 , 268, 5831-41		32
1007	Dilational Rheology of Mixed [Casein/Tween 20 and [Casein (F114[69])/Tween 20 Films at Oil/Water Interface. 2001 , 243, 515-522		29
1006	Protein-fatty acid complex for enhanced loading and stability within biodegradable nanoparticles. 2001 , 90, 194-201		62
1005	Phase diagrams of systems with cationic alpha-helical membrane-spanning model peptides and dioleoylphosphatidylcholine. 2001 , 89-90, 239-61		12
1004	Glycosylated molecular variants of C-reactive proteins from the major carp <i>Catla catla</i> in fresh and polluted aquatic environments. 2001 , 18, 547-56		12
1003	Thermal stability and enzymatic activity of a smaller lysozyme from silk moth (<i>Bombyx mori</i>). 2001 , 20, 107-13		10
1002	Computational estimation of specific side chain interaction energies in alpha helices. 2001 , 10, 809-18		35
1001	Total chemical synthesis of human matrix Gla protein. 2001 , 10, 864-70		53
1000	DNA sequence-dependent folding determines the divergence in binding specificities between Maf and other bZIP proteins. <i>EMBO Journal</i> , 2001 , 20, 828-40	13	36
999	Trifluoroethanol-assisted protein folding: fragment 53--103 of bovine alpha-lactalbumin. 2001 , 1548, 29-37		8
998	Folding stability of the kinetoplastid membrane protein-11 (KMP-11) from <i>Leishmania infantum</i> . 1999 , 260, 559-67		14
997	A novel heat-labile phospholipid-binding protein, SVS VII, in mouse seminal vesicle as a sperm motility enhancer. <i>Journal of Biological Chemistry</i> , 2001 , 276, 6913-21	5-4	39
996	RL-37, an alpha-helical antimicrobial peptide of the rhesus monkey. 2001 , 45, 2695-702		45
995	Structural and functional analysis of interhelical interactions in the human immunodeficiency virus type 1 gp41 envelope glycoprotein by alanine-scanning mutagenesis. 2001 , 75, 11146-56		69

994	Structural and functional analysis of horse cathelicidin peptides. 2001 , 45, 715-22		38
993	Calexitin B is a new member of the sarcoplasmic calcium-binding protein family. <i>Journal of Biological Chemistry</i> , 2001 , 276, 22529-36	5-4	15
992	Membrane-perturbing domains of HIV type 1 glycoprotein 41. 2001 , 17, 311-27		23
991	Design of potent inhibitors of HIV-1 entry from the gp41 N-peptide region. 2001 , 98, 11187-92		227
990	DNA-induced alpha-helical structure in the NH2-terminal domain of histone H1. <i>Journal of Biological Chemistry</i> , 2001 , 276, 46429-35	5-4	49
989	Phosphorylation-dependent regulation of the interaction of amyloid precursor protein with Fe65 affects the production of beta-amyloid. <i>Journal of Biological Chemistry</i> , 2001 , 276, 40353-61	5-4	198
988	Sarcolipin, the shorter homologue of phospholamban, forms oligomeric structures in detergent micelles and in liposomes. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30845-52	5-4	55
987	Selective protein-protein interactions direct channeling of intermediates between polyketide synthase modules. <i>Biochemistry</i> , 2001 , 40, 2326-31	3-2	109
986	Subdomain-specific localization of CLIMP-63 (p63) in the endoplasmic reticulum is mediated by its luminal alpha-helical segment. 2001 , 153, 1287-300		104
985	Truncated aspartate aminotransferase from alkalophilic <i>Bacillus circulans</i> with deletion of N-terminal 32 amino acids is a non-functional monomer in a partially structured state. 2001 , 14, 279-85		8
984	Functional characterization of a novel xylanase from a corn strain of <i>Erwinia chrysanthemi</i> . 2001 , 183, 2093-100		69
983	Studies of the ankyrin repeats of the <i>Drosophila melanogaster</i> Notch receptor. 1. Solution conformational and hydrodynamic properties. <i>Biochemistry</i> , 2001 , 40, 14344-56	3-2	53
982	HIV-1 gp41 envelope residues 650-685 exposed on native virus act as a lectin to bind epithelial cell galactosyl ceramide. <i>Journal of Biological Chemistry</i> , 2002 , 277, 25649-59	5-4	96
981	The angiopoietin-like factor cornea-derived transcript 6 is a putative morphogen for human cornea. <i>Journal of Biological Chemistry</i> , 2002 , 277, 686-93	5-4	30
980	Stabilization of the soluble, cleaved, trimeric form of the envelope glycoprotein complex of human immunodeficiency virus type 1. 2002 , 76, 8875-89		366
979	Interhelical packing in detergent micelles. Folding of a cystic fibrosis transmembrane conductance regulator construct. <i>Journal of Biological Chemistry</i> , 2002 , 277, 6067-72	5-4	28
978	An amino-terminal amphipathic alpha-helix mediates membrane association of the hepatitis C virus nonstructural protein 5A. <i>Journal of Biological Chemistry</i> , 2002 , 277, 8130-9	5-4	289
977	Characterization of the matrilin coiled-coil domains reveals seven novel isoforms. <i>Journal of Biological Chemistry</i> , 2002 , 277, 19071-9	5-4	46

976	The N-terminal domains of syntaxin 7 and vti1b form three-helix bundles that differ in their ability to regulate SNARE complex assembly. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36449-56	5.4	51
975	Mutations that destabilize the gp41 core are determinants for stabilizing the simian immunodeficiency virus-CPmac envelope glycoprotein complex. <i>Journal of Biological Chemistry</i> , 2002 , 277, 12891-900	5.4	15
974	The chain length dependence of helix formation of the second transmembrane domain of a G protein-coupled receptor of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2002 , 277, 14483-92	5.4	10
973	A short segment of the R domain of cystic fibrosis transmembrane conductance regulator contains channel stimulatory and inhibitory activities that are separable by sequence modification. <i>Journal of Biological Chemistry</i> , 2002 , 277, 23019-27	5.4	26
972	A de novo designed template for generating conformation-specific antibodies that recognize alpha-helices in proteins. <i>Journal of Biological Chemistry</i> , 2002 , 277, 23515-24	5.4	21
971	Purification and structural characterization of the central hydrophobic domain of oleosin. <i>Journal of Biological Chemistry</i> , 2002 , 277, 37888-95	5.4	52
970	Designing heterodimeric two-stranded alpha-helical coiled-coils. Effects of hydrophobicity and alpha-helical propensity on protein folding, stability, and specificity. <i>Journal of Biological Chemistry</i> , 2002 , 277, 37272-9	5.4	226
969	Side-chain lactam-bridge conformational constraints differentiate the activities of salmon and human calcitonins and reveal a new design concept for potent calcitonin analogues. 2002 , 45, 1108-21		14
968	Dimeric surfactant protein B peptide sp-b(1-25) in neonatal and acute respiratory distress syndrome. 2002 , 28, 623-40		29
967	Impact of single-residue mutations on the structure and function of ovispirin/novispirin antimicrobial peptides. 2002 , 15, 225-32		65
966	Analysis of the cytotoxicity of synthetic antimicrobial peptides on mouse leucocytes: implications for systemic use. 2002 , 50, 339-48		63
965	Evidence for crucial electrostatic interactions between Bcl-2 homology domains BH3 and BH4 in the anti-apoptotic Nr-13 protein. <i>Biochemical Journal</i> , 2002 , 368, 213-21	3.8	9
964	Solution structure and topology of the N-terminal membrane anchor domain of a microsomal cytochrome P450: prostaglandin I2 synthase. <i>Biochemical Journal</i> , 2002 , 368, 721-8	3.8	23
963	Effect of Nucleoplasmin on a Nucleosome Structure. 2002 , 34, 184-193		1
962	Role of aromatic side chains in the binding of volatile general anesthetics to a four-alpha-helix bundle. <i>Biochemistry</i> , 2002 , 41, 4080-7	3.2	32
961	Comparison between UV Raman and circular dichroism detection of short alpha helices in bombolitin III. <i>Biochemistry</i> , 2002 , 41, 1893-6	3.2	43
960	Direct observation of the multistep helix formation of poly-L-glutamic acids. 2002 , 124, 11596-7		48
959	Alpha-helix structure in Alzheimer's disease aggregates of tau-protein. <i>Biochemistry</i> , 2002 , 41, 7150-5	3.2	100

958	Identification of the epsilon-(gamma-glutamyl)lysine cross-linking sites in alpha-lactalbumin polymerized by mammalian and microbial transglutaminases. 2002 , 50, 7412-9		20
957	Solution structure of human apolipoprotein(a) kringle IV type 6. <i>Biochemistry</i> , 2002 , 41, 660-8	3.2	14
956	A stable dimer in the pH-induced equilibrium unfolding of the homo-hexameric enzyme 4-oxalocrotonate tautomerase (4-OT). <i>Biochemistry</i> , 2002 , 41, 4480-91	3.2	5
955	Conformational stability of helical peptides containing a thioamide linkage. 2002 , 4, 4655-7		67
954	Peptide models of folding initiation sites of bovine beta-lactoglobulin: identification of natively like hydrophobic interactions involving G and H strands. <i>Biochemistry</i> , 2002 , 41, 2786-96	3.2	20
953	NMR structure of lung surfactant peptide SP-B(11-25). <i>Biochemistry</i> , 2002 , 41, 9627-36	3.2	32
952	Modification of the Elastic Constants of a Peptide-Decorated Lamellar Phase. 2002 , 18, 4384-4392		13
951	Effect of zinc and temperature on the conformation of the gamma subunit of retinal phosphodiesterase: a natively unfolded protein. 2002 , 1, 149-59		57
950	Metal ion-induced stabilization and refolding of anticoagulation factor II from the venom of <i>Agkistrodon acutus</i> . <i>Biochemistry</i> , 2002 , 41, 3546-54	3.2	18
949	Key motif to gain selectivity at the neuropeptide Y5-receptor: structure and dynamics of micelle-bound [Ala31, Pro32]-NPY. <i>Biochemistry</i> , 2002 , 41, 8031-42	3.2	16
948	Polar residues in membrane domains of proteins: molecular basis for helix-helix association in a mutant CFTR transmembrane segment. <i>Biochemistry</i> , 2002 , 41, 3647-53	3.2	53
947	Structure-function analysis of the heat shock factor-binding protein reveals a protein composed solely of a highly conserved and dynamic coiled-coil trimerization domain. <i>Journal of Biological Chemistry</i> , 2002 , 277, 735-45	5.4	33
946	Electrostatic and hydrophobic forces tether the proximal region of the angiotensin II receptor (AT1A) carboxyl terminus to anionic lipids. <i>Biochemistry</i> , 2002 , 41, 7830-40	3.2	40
945	Interhelical interactions in the gp41 core: implications for activation of HIV-1 membrane fusion. <i>Biochemistry</i> , 2002 , 41, 7283-92	3.2	46
944	Transmembrane domain mediated self-assembly of major coat protein subunits from Ff bacteriophage. 2002 , 315, 63-72		62
943	Expression and purification of two hydrophobic double-spanning membrane proteins derived from the cystic fibrosis transmembrane conductance regulator. 2002 , 25, 81-6		30
942	Photoinduced charge transfer in helical polypeptides. 2002 , 28, 795-815		24
941	A heterodimerizing leucine zipper coiled coil system for examining the specificity of a position interactions: amino acids I, V, L, N, A, and K. <i>Biochemistry</i> , 2002 , 41, 14122-31	3.2	96

940	The characterization of biomolecular secondary structures by surface plasmon resonance. 2002 , 127, 1589-95	24
939	Conformational mapping of the N-terminal peptide of HIV-1 gp41 in membrane environments using (13)C-enhanced Fourier transform infrared spectroscopy. 2002 , 1559, 96-120	65
938	The nucleotide-independent Fe(III)-binding site is located on beta subunit of the mitochondrial F(1)-ATPase. 2002 , 297, 587-92	1
937	Core side-chain packing and backbone conformation in Lpp-56 coiled-coil mutants. 2002 , 318, 877-88	17
936	The activation energy for insertion of transmembrane alpha-helices is dependent on membrane composition. 2002 , 319, 839-53	57
935	Equilibrium folding and stability of myotrophin: a model ankyrin repeat protein. 2002 , 320, 165-70	49
934	Oligomerization of a peptide derived from the transmembrane region of the sodium pump gamma subunit: effect of the pathological mutation G41R. 2002 , 322, 583-50	46
933	Importance of potential interhelical salt-bridges involving interior residues for coiled-coil stability and quaternary structure. 2002 , 324, 257-70	38
932	Structure and receptor binding of PYY analogs. 2002 , 23, 305-21	104
931	Activity and NMR structure of synthetic peptides of the bovine ATPase inhibitor protein, IF1. 2002 , 23, 2127-41	7
930	Unraveling multistate unfolding of rabbit muscle creatine kinase. 2002 , 1596, 138-55	88
929	Comparison of in vivo selection and rational design of heterodimeric coiled coils. 2002 , 10, 1235-48	48
928	Zinc Complexes of a Helical 22-mer Peptide with Two Histidine Donors. 2002 , 2002, 2458-2462	13
927	Use of [Cit312,314] filaggrin (306B24) analogue for the diagnosis of rheumatoid arthritis. Conformational study by circular dichroism and fourier transformed infrared spectroscopy. 2002 , 9, 291-300	1
926	Carbohydrates as templates for control of distance-geometry in de novo-designed proteins. 2002 , 59, 859-69	24
925	Location and dynamics of tryptophan in transmembrane alpha-helix peptides: a fluorescence and circular dichroism study. 2002 , 31, 185-97	15
924	Structure-affinity relationships in the gp41 ELDKWA epitope for the HIV-1 neutralizing monoclonal antibody 2F5: effects of side-chain and backbone modifications and conformational constraints. 2002 , 59, 264-76	45
923	SMAP-29 has two LPS-binding sites and a central hinge. 2002 , 269, 1181-9	80

922	A possible mechanism for partitioning between homo- and heterodimerization of the yeast homeodomain proteins MATa1 and MATalpha2. 2002 , 59, 34-43	7
921	Structure characterization of human serum proteins in solution and dry state. 2002 , 59, 71-8	33
920	Conformational flexibility of three cytoplasmic segments of the angiotensin II AT1A receptor: a circular dichroism and fluorescence spectroscopy study. 2002 , 8, 23-35	6
919	A protein sequence that can encode native structure by disfavoring alternate conformations. 2002 , 9, 381-8	38
918	The mechanism of inhibition of HIV-1 env-mediated cell-cell fusion by recombinant cores of gp41 ectodomain. 2002 , 302, 174-84	21
917	Amino acid intrinsic alpha-helical propensities III: positional dependence at several positions of C terminus. 2002 , 11, 766-77	36
916	Importance of secondary structural specificity determinants in protein folding: insertion of a native beta-sheet sequence into an alpha-helical coiled-coil. 2002 , 11, 1519-31	18
915	In vitro reconstitution of the spinach chloroplast cytochrome b6 protein from a fusion protein expressed in Escherichia coli. 2002 , 1598, 177-84	15
914	Rationally selected basis proteins: a new approach to selecting proteins for spectroscopic secondary structure analysis. 2003 , 12, 2015-31	40
913	Transmembrane segment peptides with double D-amino acid replacements: helicity, hydrophobicity, and antimicrobial activity. 2003 , 71, 77-84	7
912	Mechanism-based protein design: attempted "nucleation-condensation" approach to a possible minimal helix-bundle protein. 2003 , 70, 355-63	5
911	Biosynthesis and biophysical analysis of domains of a yeast G protein-coupled receptor. 2003 , 71, 516-31	18
910	Helix-coil kinetics of two 14-residue peptides. 2003 , 370, 842-848	36
909	Protective effect of small amounts of sodium dodecyl sulfate on the helical structure of bovine serum albumin in thermal denaturation. 2003 , 257, 41-6	87
908	Targeted destruction of the polymerized human serum albumin binding site within the preS2 region of the HBV surface antigen while retaining full immunogenicity for this epitope. 2003 , 10, 70-9	9
907	Microcin E492 antibacterial activity: evidence for a TonB-dependent inner membrane permeabilization on Escherichia coli. 2003 , 49, 1031-41	61
906	Exploration of structural features of monomeric helical peptides designed with a genetic algorithm. 2003 , 53, 193-200	9
905	The structure of BtuB with bound colicin E3 R-domain implies a translocon. 2003 , 10, 948-54	128

904	Temperature profiling of polypeptides in reversed-phase liquid chromatography. II. Monitoring of folding and stability of two-stranded alpha-helical coiled-coils. 2003 , 1009, 45-59		36
903	Stabilization of a pH-sensitive apoptosis-linked coiled coil through single point mutations. 2003 , 12, 257-65		15
902	Three-dimensional structure in lipid micelles of the pediocin-like antimicrobial peptide sakacin P and a sakacin P variant that is structurally stabilized by an inserted C-terminal disulfide bridge. <i>Biochemistry</i> , 2003 , 42, 11417-26	3.2	96
901	Experimental investigation of initial steps of helix propagation in model peptides. <i>Biochemistry</i> , 2003 , 42, 6840-7	3.2	23
900	Reversible Self-Organization of Poly(ethylene glycol)-Based Hybrid Block Copolymers Mediated by a De Novo Four-Stranded α -Helical Coiled Coil Motif. 2003 , 36, 4107-4114		154
899	Conformational coupling of Mg ²⁺ and Ca ²⁺ on the three-state folding of calexcitin B. <i>Biochemistry</i> , 2003 , 42, 5531-9	3.2	12
898	The fusion core complex of the peste des petits ruminants virus is a six-helix bundle assembly. <i>Biochemistry</i> , 2003 , 42, 922-31	3.2	18
897	Role of an N-terminal loop in the secondary structural change of photoactive yellow protein. <i>Biochemistry</i> , 2003 , 42, 13893-900	3.2	56
896	Effect of four-alpha-helix bundle cavity size on volatile anesthetic binding energetics. <i>Biochemistry</i> , 2003 , 42, 11203-13	3.2	14
895	Secondary structure analyses of protein films on gold surfaces by circular dichroism. 2003 , 310, 606-11		30
894	Improving the thermodynamic stability of the leucine zipper of max increases the stability of its b-HLH-LZ:E-box complex. 2003 , 326, 1577-95		24
893	Synthetic and structural studies on Pyricularia pubera thionin: a single-residue mutation enhances activity against Gram-negative bacteria. 2003 , 536, 215-9		40
892	Production of native recombinant human midkine in the yeast, Pichia pastoris. 2003 , 27, 244-52		24
891	Fast purification of the Apo form and of a non-binding heme mutant of recombinant sperm whale myoglobin. 2003 , 28, 202-8		11
890	Pathogenic mutations in the carboxyl-terminal domain of glutaryl-CoA dehydrogenase: effects on catalytic activity and the stability of the tetramer. 2003 , 79, 245-56		12
889	Influence of high pressure on conformational changes of soybean glycinin. 2003 , 4, 269-275		64
888	Monosaccharide templates for de novo designed 4-alpha-helix bundle proteins: template effects in carboproteins. 2003 , 1, 2247-52		24
887	Examination of EmrE conformational differences in various membrane mimetic environments. 2003 , 81, 61-70		17

886	Photoinduced electron transfer in alpha-helical polypeptides: dependence on conformation and electron donor-acceptor distance. 2003 , 2, 1080-7		41
885	CD and NMR studies of prion protein (PrP) helix 1. Novel implications for its role in the PrPC-->PrPSc conversion process. <i>Journal of Biological Chemistry</i> , 2003 , 278, 50175-81	5-4	59
884	Inhibition of human cytomegalovirus DNA polymerase by C-terminal peptides from the UL54 subunit. 2003 , 77, 8336-44		41
883	The MinD membrane targeting sequence is a transplantable lipid-binding helix. <i>Journal of Biological Chemistry</i> , 2003 , 278, 40050-6	5-4	128
882	Synthesis and biophysical characterization of a multidomain peptide from a <i>Saccharomyces cerevisiae</i> G protein-coupled receptor. <i>Journal of Biological Chemistry</i> , 2003 , 278, 52537-45	5-4	13
881	A chimeric multi-human epidermal growth factor receptor-2 B cell epitope peptide vaccine mediates superior antitumor responses. 2003 , 170, 4242-53		59
880	Defining the SNARE complex binding surface of alpha-SNAP: implications for SNARE complex disassembly. <i>Journal of Biological Chemistry</i> , 2003 , 278, 27000-8	5-4	56
879	Characterization of the unfolding process of lipocalin-type prostaglandin D synthase. <i>Journal of Biological Chemistry</i> , 2003 , 278, 2845-52	5-4	40
878	Consequences of single-chain translation on the structures of two chorionic gonadotropin yoked analogs in alpha-beta and beta-alpha configurations. 2003 , 17, 757-67		10
877	Membrane-inserted conformation of transmembrane domain 4 of divalent-metal transporter. <i>Biochemical Journal</i> , 2003 , 372, 757-66	3-8	28
876	De novo design of peptide immunogens that mimic the coiled coil region of human T-cell leukemia virus type-1 glycoprotein 21 transmembrane subunit for induction of native protein reactive neutralizing antibodies. <i>Journal of Biological Chemistry</i> , 2004 , 279, 24141-51	5-4	49
875	Emergence of a drug-dependent human immunodeficiency virus type 1 variant during therapy with the T20 fusion inhibitor. 2004 , 78, 12428-37		125
874	Distinction of sperm-binding site and reactive site for trypsin inhibition on p12 secreted from the accessory sex glands of male mice. 2004 , 70, 965-71		13
873	Structural characterization of the fusion-active complex of severe acute respiratory syndrome (SARS) coronavirus. 2004 , 101, 8709-14		75
872	Phage phi29 DNA replication organizer membrane protein p16.7 contains a coiled coil and a dimeric, homeodomain-related, functional domain. <i>Journal of Biological Chemistry</i> , 2004 , 279, 50437-45	5-4	7
871	Stabilizing and destabilizing clusters in the hydrophobic core of long two-stranded alpha-helical coiled-coils. <i>Journal of Biological Chemistry</i> , 2004 , 279, 21576-88	5-4	74
870	Role of kinetic intermediates in the folding of leech carboxypeptidase inhibitor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 37261-70	5-4	26
869	Evolutionary repair of HIV type 1 gp41 with a kink in the N-terminal helix leads to restoration of the six-helix bundle structure. 2004 , 20, 742-9		20

868	Circular dichroism of protein-folding intermediates. 2004 , 380, 242-85		18
867	Phosphoprotein of the rinderpest virus forms a tetramer through a coiled coil region important for biological function. A structural insight. <i>Journal of Biological Chemistry</i> , 2004 , 279, 23606-14	5-4	33
866	Conformational changes of beta-lactoglobulin in sodium bis(2-ethylhexyl) sulfosuccinate reverse micelles. A fluorescence and CD study. 2004 , 271, 734-44		26
865	Evidence for conformational flexibility in the Tat-TAR recognition motif of cyclin T1. 2004 , 318, 306-17		18
864	Comparison of SIVmac239(352-382) and SIVsmmPBj41(360-390) enterotoxigenic synthetic peptides. 2004 , 320, 243-57		7
863	Diazoxide affects the IF1 inhibitor protein binding to F1 sector of beef heart F0F1ATP synthase. 2004 , 67, 1843-51		27
862	Structure and fungicidal activity of a synthetic antimicrobial peptide, P18, and its truncated peptides. 2004 , 26, 337-41		23
861	Defining the minimum size of a hydrophobic cluster in two-stranded alpha-helical coiled-coils: effects on protein stability. 2004 , 13, 714-26		37
860	Remorins form a novel family of coiled coil-forming oligomeric and filamentous proteins associated with apical, vascular and embryonic tissues in plants. 2004 , 55, 579-94		60
859	Tat cell-penetrating peptide has the characteristics of a poly(proline) II helix in aqueous solution and in SDS micelles. 2004 , 10, 423-6		33
858	Aqueous solubility and membrane interactions of hydrophobic peptides with peptoid tags. 2004 , 76, 110-8		17
857	Towards a three-alpha-helix bundle protein that binds volatile general anesthetics. 2004 , 75, 338-54		2
856	De novo metallonucleases based on helix-loop-helix motifs. 2004 , 10, 4163-70		54
855	Nicked apomyoglobin: a noncovalent complex of two polypeptide fragments comprising the entire protein chain. <i>Biochemistry</i> , 2004 , 43, 6230-40	3-2	7
854	Metal clips induce folding of a short unstructured peptide into an alpha-helix via turn conformations in water. Kinetic versus thermodynamic products. 2004 , 126, 15096-105		30
853	How C-terminal carboxyamidation alters the biological activity of peptides from the venom of the eumenine solitary wasp. <i>Biochemistry</i> , 2004 , 43, 5608-17	3-2	80
852	The LEF-1 high-mobility group domain undergoes a disorder-to-order transition upon formation of a complex with cognate DNA. <i>Biochemistry</i> , 2004 , 43, 8725-34	3-2	57
851	The unusually stable quaternary structure of human Cu,Zn-superoxide dismutase 1 is controlled by both metal occupancy and disulfide status. <i>Journal of Biological Chemistry</i> , 2004 , 279, 47998-8003	5-4	195

850	Involvement of the N- and C-terminal fragments of bovine pancreatic deoxyribonuclease in active protein folding. <i>Biochemistry</i> , 2004 , 43, 10653-63	3.2	11
849	pH-Dependent conformational changes and topology of a herpesvirus translocating peptide in a membrane-mimetic environment. <i>Biochemistry</i> , 2004 , 43, 9343-51	3.2	23
848	The alpha-helical peptide nucleic acid concept: merger of peptide secondary structure and codified nucleic acid recognition. 2004 , 126, 4626-40		30
847	Length Dependent Helix-Coil Transition Kinetics of Nine Alanine-Based Peptides. 2004 , 108,		60
846	Limited proteolysis of human growth hormone at low pH: isolation, characterization, and complementation of the two biologically relevant fragments 1-44 and 45-191. <i>Biochemistry</i> , 2004 , 43, 6576-86	3.2	25
845	Vesicle membrane interactions of penetratin analogues. <i>Biochemistry</i> , 2004 , 43, 11045-55	3.2	43
844	Effect of the N3 residue on the stability of the alpha-helix. 2004 , 13, 32-9		27
843	Modulation of the structural integrity of helix F in apomyoglobin by single amino acid replacements. 2004 , 13, 1572-85		27
842	Facile chemical synthesis and equilibrium unfolding properties of CopG. 2004 , 13, 1918-26		7
841	Characterization of peptides corresponding to the seven transmembrane domains of human adenosine A2a receptor. <i>Biochemistry</i> , 2004 , 43, 12945-54	3.2	42
840	Direct binding of cholesterol to the purified membrane region of SCAP: mechanism for a sterol-sensing domain. 2004 , 15, 259-68		253
839	Presence of transient helical segments in the galanin-like peptide evident from (1)H NMR, circular dichroism, and prediction studies. 2004 , 146, 261-71		7
838	Short-range, long-range and transition state interactions in the denatured state of ACBP from residual dipolar couplings. 2004 , 339, 1191-9		72
837	Trapping the on-pathway folding intermediate of Im7 at equilibrium. 2004 , 341, 215-26		41
836	A highly amyloidogenic region of hen lysozyme. 2004 , 340, 1153-65		228
835	Tau paired helical filaments from Alzheimer's disease brain and assembled in vitro are based on beta-structure in the core domain. <i>Biochemistry</i> , 2004 , 43, 1694-703	3.2	172
834	The effect of poly(ethylene glycol) on the activity, structural conformation and stability of yeast hexokinase. 2004 , 178-183		
833	Interaction(s) of rotavirus non-structural protein 4 (NSP4) C-terminal peptides with model membranes. <i>Biochemical Journal</i> , 2004 , 380, 723-33	3.8	23

832	Identification of a conserved N-capping box important for the structural autonomy of the prion alpha 3-helix: the disease associated D202N mutation destabilizes the helical conformation. 2005 , 18, 95-112		27
831	Fluorescence probing of albumin-surfactant interaction. 2005 , 285, 562-73		153
830	Structural perturbation of a C4 zinc-finger module by cis-diamminedichloroplatinum(II): insights into the inhibition of transcription processes by the antitumor drug. 2005 , 358, 2844-2854		23
829	Effects of interactions with micellar interfaces on the activity and structure of different lipolytic isoenzymes from <i>Candida rugosa</i> . 2005 , 37, 695-703		15
828	Structural aspects and biological properties of the cathelicidin PMAP-36. 2005 , 272, 4398-406		38
827	Structural studies on two high-mobility-group proteins from calf thymus, HMG-14 and HMG-20 (ubiquitin), and their interaction with DNA. 1980 , 112, 577-80		82
826	Optical characteristics of all individual proteins from the small subunit of <i>Escherichia coli</i> ribosomes. 1982 , 126, 299-309		18
825	Synthesis and conformational properties of protein fragments based on the Id family of DNA-binding and cell-differentiation inhibitors. 2005 , 80, 762-74		23
824	Effect of PbII on the secondary structure and biological activity of trypsin. 2005 , 6, 1191-5		11
823	Electrohydrodynamic atomization of protein (bovine serum albumin). 2005 , 16, 919-25		44
822	Recombinant production of <i>Zymomonas mobilis</i> pyruvate decarboxylase in the haloarchaeon <i>Haloferax volcanii</i> . 2005 , 1, 327-34		19
821	Cadmium-Zinc interactions in a hydroponic system using <i>Ceratophyllum demersum</i> L.: adaptive ecophysiology, biochemistry and molecular toxicology. 2005 , 17, 3-20		93
820	Structural dissection of a highly knotted peptide reveals minimal motif with antimicrobial activity. <i>Journal of Biological Chemistry</i> , 2005 , 280, 1661-8	5-4	30
819	Improved estimation of the secondary structures of proteins by vacuum-ultraviolet circular dichroism spectroscopy. 2005 , 138, 79-88		65
818	Demonstration of a glycoprotein derived from the Ceacam10 gene in mouse seminal vesicle secretions. 2005 , 73, 546-53		21
817	Regulation of the amino-terminal transcription activation domain of progesterone receptor by a cofactor-induced protein folding mechanism. 2005 , 25, 8792-808		40
816	DNA-induced secondary structure of the carboxyl-terminal domain of histone H1. <i>Journal of Biological Chemistry</i> , 2005 , 280, 32141-7	5-4	77
815	Basis for selectivity of cationic antimicrobial peptides for bacterial versus mammalian membranes. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33960-7	5-4	198

814	Hepatitis C virus core protein is a dimeric alpha-helical protein exhibiting membrane protein features. 2005 , 79, 11353-65		119
813	Sequence specific peptidomimetic molecules inhibitors of a protein-protein interaction at the helix 1 level of c-Myc. 2005 , 19, 632-4		20
812	Histidylated lipid-modified Sendai viral envelopes mediate enhanced membrane fusion and potentiate targeted gene delivery. <i>Journal of Biological Chemistry</i> , 2005 , 280, 35399-409	5-4	18
811	A carboxypeptidase inhibitor from the tick <i>Rhipicephalus bursa</i> : isolation, cDNA cloning, recombinant expression, and characterization. <i>Journal of Biological Chemistry</i> , 2005 , 280, 3441-8	5-4	62
810	Tyrosine modification is not required for myeloperoxidase-induced loss of apolipoprotein A-I functional activities. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33775-84	5-4	63
809	N-myristoylation determines dual targeting of mammalian NADH-cytochrome b5 reductase to ER and mitochondrial outer membranes by a mechanism of kinetic partitioning. 2005 , 168, 735-45		66
808	Circular permutation and deletion studies of myoglobin indicate that the correct position of its N-terminus is required for native stability and solubility but not for native-like heme binding and folding. <i>Biochemistry</i> , 2005 , 44, 4699-709	3-2	24
807	Peptide mediated formation of hierarchically organized solution and solid state polymer nanostructures. 2005 , 128, 29-41		54
806	Polyphenylene dendrimers as scaffolds for shape-persistent multiple peptide conjugates. 2005 , 16, 283-93		47
805	Structural and thermodynamical characterization of the complete p21 gene product of Max. <i>Biochemistry</i> , 2005 , 44, 12746-58	3-2	15
804	Reversible dimerization of acid-denatured ACBP controlled by helix A4. <i>Biochemistry</i> , 2005 , 44, 1375-84	3-2	15
803	Biosynthesis and NMR analysis of a 73-residue domain of a <i>Saccharomyces cerevisiae</i> G protein-coupled receptor. <i>Biochemistry</i> , 2005 , 44, 11795-810	3-2	34
802	Moving a phenol hydroxyl group from the surface to the interior of a protein: effects on the phenol potential and pK(A). <i>Biochemistry</i> , 2005 , 44, 11891-902	3-2	25
801	Total chemical synthesis of human psoriasin by native chemical ligation. <i>Biochemistry</i> , 2005 , 44, 14688-94	3-2	22
800	Structural determinants of cross-linking and hydrophobic domains for self-assembly of elastin-like polypeptides. <i>Biochemistry</i> , 2005 , 44, 14367-75	3-2	86
799	Controlled Structure in Artificial Protein Hydrogels. 2005 , 38, 7470-7475		26
798	Identifying interactions between transmembrane helices from the adenosine A2A receptor. <i>Biochemistry</i> , 2005 , 44, 16239-45	3-2	23
797	Interaction and lipid-induced conformation of two cecropin-melittin hybrid peptides depend on peptide and membrane composition. 2005 , 109, 17311-9		42

796	Protective effects of small amounts of bis(2-ethylhexyl)sulfosuccinate on the helical structures of human and bovine serum albumins in their thermal denaturations. 2005 , 21, 5524-8		63
795	A binding free energy hot spot in the ankyrin repeat protein GABPbeta mediated protein-protein interaction. 2005 , 354, 375-84		17
794	Binding of natively unfolded HIF-1alpha ODD domain to p53. 2005 , 17, 11-21		85
793	Phosphorylation modulates the alpha-helical structure and polymerization of a peptide from the third tau microtubule-binding repeat. 2005 , 1721, 16-26		20
792	Functional and structural characterization of recombinant dermcidin-1L, a human antimicrobial peptide. 2005 , 328, 243-50		51
791	Stalk region of kinesin-related protein Unc104 has moderate ability to form coiled-coil dimer. 2005 , 337, 868-74		10
790	Deletion of two C-terminal Gln residues of 12-26-residue fragment of melittin improves its antimicrobial activity. 2005 , 26, 369-75		22
789	Tuning the biological properties of amphipathic alpha-helical antimicrobial peptides: rational use of minimal amino acid substitutions. 2005 , 26, 2368-76		66
788	Zinc mediated protection to the conformation of carbonic anhydrase in cadmium exposed <i>Ceratophyllum demersum</i> L.. 2005 , 169, 245-254		19
787	Identification and optimization of an antimicrobial peptide from the ant venom toxin pilosulin. <i>Archives of Biochemistry and Biophysics</i> , 2005 , 434, 358-64	4.1	54
786	Conformational properties of peptide fragments homologous to the 106-114 and 106-126 residues of the human prion protein: a CD and NMR spectroscopic study. 2005 , 3, 490-7		20
785	The micelle-bound structure of an antimicrobial peptide derived from the alpha-chain of bovine hemoglobin isolated from the tick <i>Boophilus microplus</i> . <i>Biochemistry</i> , 2005 , 44, 6440-51	3.2	34
784	Robustness of downhill folding: guidelines for the analysis of equilibrium folding experiments on small proteins. <i>Biochemistry</i> , 2005 , 44, 7435-49	3.2	78
783	Anticooperativity in a Glu-Lys-Glu salt bridge triplet in an isolated alpha-helical peptide. <i>Biochemistry</i> , 2005 , 44, 10449-56	3.2	25
782	PEG-Based Hybrid Block Copolymers Containing Helical Coiled Coil Peptide Sequences: Control of Self-Assembly and Preliminary Biological Evaluation. 2005 , 38, 761-769		87
781	Role for the alpha-helix in aberrant protein aggregation. <i>Biochemistry</i> , 2005 , 44, 149-56	3.2	38
780	Lytic activity and structural differences of amphipathic peptides derived from trypsin. <i>Biochemistry</i> , 2006 , 45, 1765-74	3.2	28
779	Molten globule state of human placental cystatin (HPC) at low pH conditions and the effects of trifluoroethanol (TFE) and methanol. 2006 , 84, 126-34		4

778	Dynamics, energetics, and structure in protein folding. <i>Biochemistry</i> , 2006 , 45, 8466-75	3.2	76
777	Interpretation of the dissolution of insoluble peptide sequences based on the acid-base properties of the solvent. 2006 , 15, 1476-88		29
776	Fabrication of protein-conjugated silver sulfide nanorods in the bovine serum albumin solution. 2006 , 110, 10534-9		116
775	Core structure of S2 from the human coronavirus NL63 spike glycoprotein. <i>Biochemistry</i> , 2006 , 45, 15205-15	3.2	37
774	Membrane interactions of cell-penetrating peptides probed by tryptophan fluorescence and dichroism techniques: correlations of structure to cellular uptake. <i>Biochemistry</i> , 2006 , 45, 7682-92	3.2	88
773	Refolding hydrogels self-assembled from N-(2-hydroxypropyl)methacrylamide graft copolymers by antiparallel coiled-coil formation. 2006 , 7, 1187-95		132
772	Disulfide formation and stability of a cysteine-rich repeat protein from <i>Helicobacter pylori</i> . <i>Biochemistry</i> , 2006 , 45, 1599-607	3.2	14
771	A parallel coiled-coil tetramer with offset helices. <i>Biochemistry</i> , 2006 , 45, 15224-31	3.2	34
770	Stability of 100 homo and heterotypic coiled-coil a-a' pairs for ten amino acids (A, L, I, V, N, K, S, T, E, and R). <i>Biochemistry</i> , 2006 , 45, 11324-32	3.2	85
769	Self-assembling protein hydrogels with modular integrin binding domains. 2006 , 7, 38-47		66
768	Structure of the membrane reconstituted transmembrane-juxtamembrane peptide EGFR(622-660) and its interaction with Ca ²⁺ /calmodulin. <i>Biochemistry</i> , 2006 , 45, 12704-14	3.2	40
767	Conformational properties of the SDS-bound state of alpha-synuclein probed by limited proteolysis: unexpected rigidity of the acidic C-terminal tail. <i>Biochemistry</i> , 2006 , 45, 11523-31	3.2	49
766	Proline scanning mutagenesis reveals non-native fold in the molten globule state of equine beta-lactoglobulin. <i>Biochemistry</i> , 2006 , 45, 15468-73	3.2	20
765	Coiled coil in the stalk region of ncd motor protein is nonlocally sustained. <i>Biochemistry</i> , 2006 , 45, 3315-24	3.2	6
764	Evolution of the primate cathelicidin. Correlation between structural variations and antimicrobial activity. <i>Journal of Biological Chemistry</i> , 2006 , 281, 19861-71	5.4	86
763	Molecular dissection of Rab11 binding from coiled-coil formation in the Rab11-FIP2 C-terminal domain. <i>Biochemistry</i> , 2006 , 45, 6826-34	3.2	14
762	Engineered staphylococcal protein A's IgG-binding domain with cathepsin L inhibitory activity. 2006 , 349, 449-53		11
761	A stapled BID BH3 helix directly binds and activates BAX. 2006 , 24, 199-210		319

760	Design and synthesis of novel antimicrobial peptides on the basis of alpha helical domain of Tenecin 1, an insect defensin protein, and structure-activity relationship study. 2006 , 27, 640-8	36
759	Synthetic RGD-containing alpha-helical coiled coil peptides promote integrin-dependent cell adhesion. 2006 , 12, 206-12	43
758	Antigenicity of chimeric and cyclic synthetic peptides based on nonstructural proteins of GBV-C/HGV. 2006 , 12, 267-78	8
757	Formation of oriented polypeptides on Au(111) surface depends on the secondary structure controlled by peptide length. 2006 , 12, 396-402	15
756	The potent inhibitory activity of histone H1.2 C-terminal fragments on furin. 2006 , 273, 4459-69	6
755	Using circular dichroism spectra to estimate protein secondary structure. 2006 , 1, 2876-90	2235
754	Effect of polyols and salts on the acid-induced state of human placental cystatin. 2006 , 71, 619-26	1
753	Expression and physicochemical characterization of an extracellular segment of the receptor protein tyrosine phosphatase IA-2. 2006 , 1764, 174-81	5
752	Destructive effect of polystyrene sulfonate on the structure of hemoproteins. 2006 , 80, 1325-1335	
751	The CXXC motif at the N terminus of an alpha-helical peptide. 2006 , 15, 1945-50	38
750	Deciphering B-ZIP transcription factor interactions in vitro and in vivo. 2006 , 1759, 4-12	141
749	Antiparallel four-stranded coiled coil specified by a 3-3-1 hydrophobic heptad repeat. 2006 , 14, 247-55	51
748	Molecular basis for phosphorylation-dependent, PEST-mediated protein turnover. 2006 , 14, 309-19	59
747	Structures and polymorphic interactions of two heptad-repeat regions of the SARS virus S2 protein. 2006 , 14, 889-99	45
746	De novo design, synthesis, and characterization of quinoproteins. 2006 , 12, 7236-45	21
745	Stepwise solid-phase synthesis and spontaneous homodimerization of the helix-loop-helix protein Id3. 2006 , 7, 1164-8	8
744	Effects of cadmium on structure and enzymatic activity of Cu,Zn-SOD and oxidative status in neural cells. 2006 , 98, 577-89	76
743	DNA bending by bHLH charge variants. 2006 , 34, 4846-56	6

742	Structural determinants that target the hepatitis C virus core protein to lipid droplets. <i>Journal of Biological Chemistry</i> , 2006 , 281, 22236-22247	5-4	172
741	A seven-helix coiled coil. 2006 , 103, 15457-62		178
740	Evidence for assembly of small multidrug resistance proteins by a "two-faced" transmembrane helix. <i>Journal of Biological Chemistry</i> , 2006 , 281, 15546-53	5-4	30
739	Expression and purification of functional ligand-binding domains of T1R3 taste receptors. 2006 , 31, 505-13		31
738	Characterization of the HIV N-terminal fusion peptide-containing region in context of key gp41 fusion conformations. <i>Journal of Biological Chemistry</i> , 2006 , 281, 21755-21762	5-4	36
737	A membrane-targeted BID BCL-2 homology 3 peptide is sufficient for high potency activation of BAX in vitro. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36999-7008	5-4	69
736	Novel engineered trastuzumab conformational epitopes demonstrate in vitro and in vivo antitumor properties against HER-2/neu. 2007 , 178, 7120-31		56
735	The C terminus of hepatitis C virus NS4A encodes an electrostatic switch that regulates NS5A hyperphosphorylation and viral replication. 2007 , 81, 8905-18		85
734	Prediction of the stability of coiled coils using molecular dynamics simulations. 2007 , 33, 463-473		7
733	Molecular determinants of antiviral potency of paramyxovirus entry inhibitors. 2007 , 81, 10567-74		61
732	Conserved determinants for membrane association of nonstructural protein 5A from hepatitis C virus and related viruses. 2007 , 81, 2745-57		30
731	Sterol-regulated transport of SREBPs from endoplasmic reticulum to Golgi: oxysterols block transport by binding to Insig. 2007 , 104, 6511-8		416
730	Conserved residue Lys574 in the cavity of HIV-1 Gp41 coiled-coil domain is critical for six-helix bundle stability and virus entry. <i>Journal of Biological Chemistry</i> , 2007 , 282, 25631-9	5-4	71
729	Use of dual affinity tags for expression and purification of functional peripheral cannabinoid receptor. 2007 , 53, 153-63		43
728	Cloning and characterization of three hypothetical secretion chaperone proteins from <i>Xanthomonas axonopodis</i> pv. <i>citri</i> . 2007 , 53, 363-9		7
727	Structural insight into KCNQ (Kv7) channel assembly and channelopathy. 2007 , 53, 663-75		137
726	The predicted transmembrane fragment 17 of the human multidrug resistance protein 1 (MRP1) behaves as an interfacial helix in membrane mimics. 2007 , 1768, 538-52		10
725	Membrane interactions of the hydrophobic segment of diacylglycerol kinase epsilon. 2007 , 1768, 2549-58		13

724	Exon grafting yields a "two active-site" lysozyme. 2007 , 358, 997-1001		1
723	Canine cathelicidin (K9CATH): gene cloning, expression, and biochemical activity of a novel pro-myeloid antimicrobial peptide. 2007 , 31, 1278-96		53
722	Folding amphipathic helices into membranes: amphiphilicity trumps hydrophobicity. 2007 , 370, 459-70		129
721	Synthesis of functionalized de novo designed 8-16 kDa model proteins towards metal ion-binding and esterase activity. 2007 , 5, 2225-33		15
720	The general transition metal (Tro) and Zn ²⁺ (Znu) transporters in <i>Treponema pallidum</i> : analysis of metal specificities and expression profiles. 2007 , 65, 137-52		70
719	The active site cysteine of the proapoptotic protein glyceraldehyde-3-phosphate dehydrogenase is essential in oxidative stress-induced aggregation and cell death. <i>Journal of Biological Chemistry</i> , 2007 , 282, 26562-74	5.4	136
718	Peptide vaccines of the HER-2/neu dimerization loop are effective in inhibiting mammary tumor growth in vivo. 2007 , 179, 472-82		44
717	Metal-mediated peptide assembly: use of metal coordination to change the oligomerization state of an alpha-helical coiled-coil. 2007 , 46, 6849-51		22
716	Electrostatic and hydrophobic interactions governing the interaction and binding of beta-lactoglobulin to membranes. <i>Biochemistry</i> , 2007 , 46, 5252-60	3.2	32
715	Conformational specificity of the lac repressor coiled-coil tetramerization domain. <i>Biochemistry</i> , 2007 , 46, 14951-9	3.2	18
714	The GCN4 bZIP targets noncognate gene regulatory sequences: quantitative investigation of binding at full and half sites. <i>Biochemistry</i> , 2007 , 46, 1663-71	3.2	15
713	Membrane binding of pH-sensitive influenza fusion peptides. positioning, configuration, and induced leakage in a lipid vesicle model. <i>Biochemistry</i> , 2007 , 46, 13490-504	3.2	42
712	Conformation of a peptide encompassing the proton translocation channel of vacuolar H(+)-ATPase. 2007 , 92, 138-46		13
711	Macromolecular crowding induces a molten globule state in the C-terminal domain of histone H1. 2007 , 93, 2170-7		46
710	Protein design of a bacterially expressed HIV-1 gp41 fusion inhibitor. <i>Biochemistry</i> , 2007 , 46, 4360-9	3.2	45
709	DNA bending by charged peptides: electrophoretic and spectroscopic analyses. <i>Biochemistry</i> , 2007 , 46, 2306-16	3.2	10
708	Penetration of the antimicrobial peptide dicynthaurin into phospholipid monolayers at the liquid-air interface. 2007 , 8, 1038-47		22
707	Peptide fibrillization. 2007 , 46, 8128-47		524

706	Bildung von Peptidfibrillen. 2007 , 119, 8274-8295	64
705	Design and synthesis of simplified polycyclic ethers and evaluation of their interaction with an helical peptide as a model of target proteins. 2007 , 48, 3181-3186	14
704	Controlling cell adhesion to surfaces via associating bioactive triblock proteins. 2007 , 28, 3325-37	53
703	Improving the efficiency of evolutionary de novo peptide design: strategies for probing configuration and parameter settings. 2007 , 88, 35-55	2
702	DNA cleavage mediated by copper superoxide dismutase via two pathways. 2007 , 101, 214-24	15
701	Toward the Design of Highly Efficient, Readily Accessible Peptide N-caps for the Induction of Helical Conformations. 2007 , 13, 237-244	11
700	Truncations of gelonin lead to a reduction in its cytotoxicity. 2007 , 231, 129-36	22
699	The dynein stalk head, the microtubule binding-domain of dynein: NMR assignment and ligand binding. 2008 , 41, 89-96	9
698	Translational and rotational motions of albumin sensed by a non-covalent associated porphyrin under physiological and acidic conditions: a fluorescence correlation spectroscopy and time resolved anisotropy study. 2008 , 18, 601-10	18
697	Changes of trypsin in activity and secondary structure induced by complex with trypsin inhibitors and tea polyphenol. 2008 , 227, 361-365	19
696	A new B-chain mutant of insulin: comparison with the insulin crystal structure and role of sulfonate groups in the B-chain structure. 2002 , 60, 56-64	16
695	Protein destabilization by electrostatic repulsions in the two-stranded alpha-helical coiled-coil/leucine zipper. 1995 , 4, 237-50	97
694	Conformationally driven protease-catalyzed splicing of peptide segments: V8 protease-mediated synthesis of fragments derived from thermolysin and ribonuclease A. 1997 , 6, 2233-41	6
693	Characterization of a helix-loop-helix (EF hand) motif of silver hake parvalbumin isoform B. 1997 , 6, 2397-408	11
692	Novel Synthesis of HPMA Copolymers Containing Peptide Grafts and Their Self-Assembly Into Hybrid Hydrogels. 2008 , 209, 467-475	20
691	3- Instead of 4-helix formation in a de novo designed protein in solution revealed by small-angle X-ray scattering. 2008 , 9, 2663-72	12
690	An investigation into the native-like properties of de novo designed cavitand-based four-helix bundle proteins. 2008 , 90, 37-50	5
689	Characterization of the structure and dynamics of mastoparan-X during folding in aqueous TFE by CD and NMR spectroscopy. 2008 , 89, 197-209	10

688	Membrane interactions of designed cationic antimicrobial peptides: the two thresholds. 2008 , 89, 360-71	64
687	Structural propensities in the heme binding region of apocytochrome b5. II. Heme conjugates. 2008 , 90, 556-66	2
686	Structural propensities in the heme binding region of apocytochrome b5. I. Free peptides. 2008 , 90, 544-55	5
685	Conformations of gas-phase ions of ubiquitin, cytochrome c, apomyoglobin, and beta-lactoglobulin produced from two different solution conformations. 2008 , 19, 1906-13	19
684	Liposome destabilization induced by synthetic lipopeptides corresponding to envelope and non-structural domains of GBV-C/HGV virus. Conformational requirements for leakage. 2008 , 132, 55-63	4
683	Influence of NaCl and sorbitol on the stability of conformations of cytochrome c. 2008 , 135, 110-5	6
682	pH-induced folding of an apoptotic coiled coil. 2001 , 10, 2531-40	25
681	Effect of the N2 residue on the stability of the alpha-helix for all 20 amino acids. 2001 , 10, 1305-11	49
680	Limited proteolysis of bovine alpha-lactalbumin: isolation and characterization of protein domains. 1999 , 8, 2290-303	44
679	The role of position a in determining the stability and oligomerization state of alpha-helical coiled coils: 20 amino acid stability coefficients in the hydrophobic core of proteins. 1999 , 8, 2312-29	135
678	Estimation of the number of alpha-helical and beta-strand segments in proteins using circular dichroism spectroscopy. 1999 , 8, 370-80	568
677	A helix-turn motif in the C-terminal domain of histone H1. 2000 , 9, 627-36	35
676	Secondary structural change of bovine serum albumin in thermal denaturation up to 130 degrees C and protective effect of sodium dodecyl sulfate on the change. 2008 , 112, 16585-9	124
675	Effective mast cell degranulating peptide inhibitors of the IgE/Fc epsilonRI receptor interaction. 2008 , 72, 133-9	11
674	A short proregion of trialysin, a pore-forming protein of <i>Triatoma infestans</i> salivary glands, controls activity by folding the N-terminal lytic motif. 2008 , 275, 994-1002	21
673	Membrane binding properties of EBV gp110 C-terminal domain; evidences for structural transition in the membrane environment. 2008 , 379, 181-90	6
672	The Basic Subdomain of the c-Jun Oncoprotein. 2008 , 231, 370-380	
671	Structural and Functional Characterization of Proteolytic Fragments Derived from the C-Terminal Regions of Bovine Fibrinogen. 2008 , 229, 605-614	

670	Peptide P5 (residues 628-683), comprising the entire membrane proximal region of HIV-1 gp41 and its calcium-binding site, is a potent inhibitor of HIV-1 infection. 2008 , 5, 93		14
669	Circular dichroism and its application to the study of biomolecules. 2008 , 84, 263-93		104
668	Design and synthesis of cationic antimicrobial peptides with improved activity and selectivity against <i>Vibrio</i> spp. 2008 , 32, 130-8		83
667	Lipid-rhodopsin hydrophobic mismatch alters rhodopsin helical content. 2008 , 130, 12465-71		64
666	Thermodynamic and kinetic characterization of apoHmpH, a fast-folding bacterial globin. 2008 , 376, 879-97		11
665	Elucidation of the structural determinants responsible for the specific formation of heterodimeric Mxd1/Max b-HLH-LZ and its binding to E-box sequences. 2008 , 376, 141-52		9
664	The highly repetitive region of the <i>Helicobacter pylori</i> CagY protein comprises tandem arrays of an alpha-helical repeat module. 2008 , 377, 956-71		22
663	X-ray crystal structure of a TRPM assembly domain reveals an antiparallel four-stranded coiled-coil. 2008 , 383, 854-70		99
662	Conantokin-P, an unusual conantokin with a long disulfide loop. 2008 , 52, 203-13		34
661	High-yield expression in <i>E. coli</i> and refolding of the bZIP domain of activating transcription factor 5. 2008 , 62, 235-43		8
660	Solution NMR structures of the antimicrobial peptides phylloseptin-1, -2, and -3 and biological activity: the role of charges and hydrogen bonding interactions in stabilizing helix conformations. 2008 , 29, 1633-44		47
659	Long single alpha-helical tail domains bridge the gap between structure and function of myosin VI. 2008 , 15, 591-7		98
658	Design and evaluation of sifuvirtide, a novel HIV-1 fusion inhibitor. <i>Journal of Biological Chemistry</i> , 2008 , 283, 11126-34	5.4	169
657	Probing the recognition properties of the antiparallel coiled coil motif from PKN by protein grafting. <i>Biochemistry</i> , 2008 , 47, 13564-72	3.2	6
656	Conformational properties of a peptide model for unfolded alpha-helices. <i>Biochemistry</i> , 2008 , 47, 3216-24		12
655	Inhibition of lytic activity of <i>Escherichia coli</i> toxin hemolysin E against human red blood cells by a leucine zipper peptide and understanding the underlying mechanism. <i>Biochemistry</i> , 2008 , 47, 2134-42	3.2	18
654	NMR studies of the Zn ²⁺ interactions with rat and human beta-amyloid (1-28) peptides in water-micelle environment. 2008 , 112, 100-9		86
653	Analysis of coiled-coil interactions between core proteins of the spindle pole body. <i>Biochemistry</i> , 2008 , 47, 11858-68	3.2	17

652	Prevalence of intrinsic disorder in the intracellular region of human single-pass type I proteins: the case of the notch ligand Delta-4. 2008 , 7, 2496-506		35
651	Design of thiolate rich metal binding sites within a peptidic framework. 2008 , 47, 10875-88		33
650	Noncovalent triblock copolymers based on a coiled-coil peptide motif. 2008 , 130, 9386-93		81
649	Potent HIV fusion inhibitors against Enfuvirtide-resistant HIV-1 strains. 2008 , 105, 16332-7		118
648	Covalent binding to tubulin by isothiocyanates. A mechanism of cell growth arrest and apoptosis. <i>Journal of Biological Chemistry</i> , 2008 , 283, 22136-46	5-4	165
647	The solution structure of DNA-free Pax-8 paired box domain accounts for redox regulation of transcriptional activity in the pax protein family. <i>Journal of Biological Chemistry</i> , 2008 , 283, 33321-8	5-4	18
646	The human cathelicidin LL-37 modulates the activities of the P2X7 receptor in a structure-dependent manner. <i>Journal of Biological Chemistry</i> , 2008 , 283, 30471-81	5-4	103
645	Selection of T1249-resistant human immunodeficiency virus type 1 variants. 2008 , 82, 6678-88		67
644	Evidence for a coiled-coil interaction mode of disordered proteins from bacterial type III secretion systems. <i>Journal of Biological Chemistry</i> , 2008 , 283, 34062-8	5-4	35
643	Purified NPC1 protein: II. Localization of sterol binding to a 240-amino acid soluble luminal loop. <i>Journal of Biological Chemistry</i> , 2008 , 283, 1064-75	5-4	176
642	Identification of a critical motif for the human immunodeficiency virus type 1 (HIV-1) gp41 core structure: implications for designing novel anti-HIV fusion inhibitors. 2008 , 82, 6349-58		76
641	Conserved salt bridge between the N- and C-terminal heptad repeat regions of the human immunodeficiency virus type 1 gp41 core structure is critical for virus entry and inhibition. 2008 , 82, 11129-39		57
640	Analysis of in vitro activities and modes of action of synthetic antimicrobial peptides derived from an alpha-helical 'sequence template'. 2008 , 61, 341-52		62
639	Design of selective peptide antibiotics by using the sequence moment concept. 2009 ,		
638	Design of selective peptide antibiotics by using the sequence moment concept. 2009 ,		
637	Protective effect of gemini surfactant on secondary structural change of bovine serum albumin in thermal denaturation up to 130 degrees C. 2009 , 58, 573-9		7
636	Lipid protein interactions couple protonation to conformation in a conserved cytosolic domain of G protein-coupled receptors. <i>Journal of Biological Chemistry</i> , 2009 , 284, 28801-9	5-4	16
635	Detailed mechanistic insights into HIV-1 sensitivity to three generations of fusion inhibitors. <i>Journal of Biological Chemistry</i> , 2009 , 284, 26941-50	5-4	64

634	The PN2-3 domain of centrosomal P4.1-associated protein implements a novel mechanism for tubulin sequestration. <i>Journal of Biological Chemistry</i> , 2009 , 284, 6909-17	5.4	39
633	The mechanism of specific binding of free cholesterol by the steroidogenic acute regulatory protein: evidence for a role of the C-terminal alpha-helix in the gating of the binding site. 2009 , 29, 89-101		25
632	Mapping of a copper-binding site on the small CP12 chloroplastic protein of <i>Chlamydomonas reinhardtii</i> using top-down mass spectrometry and site-directed mutagenesis. <i>Biochemical Journal</i> , 2009 , 419, 75-82, 4 p following 82	3.8	29
631	Hepatitis C virus NS5A protein is a substrate for the peptidyl-prolyl cis/trans isomerase activity of cyclophilins A and B. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13589-13601	5.4	134
630	A signal comprising a basic cluster and an amphipathic alpha-helix interacts with lipids and is required for the transport of Ist2 to the yeast cortical ER. 2009 , 122, 625-35		37
629	Conformational stability of a snake cardiotoxin. 1977 , 10, 277-85		21
628	Comparative conformational analysis of human choriomammotropin and somatotropin from several species. 1977 , 10, 363-8		4
627	REACTION OF OVINE PROLACTIN WITH 2-(2-NITROPHENYLSULFENYL)-3-METHYL-3-BROMOINDOLEMINE*. 2009 , 11, 345-352		9
626	Circular dichroism spectra of isolated soybean and chickpea trypsin-chymotrypsin inhibitors. 1978 , 12, 249-57		9
625	Secondary structure prediction of anterior pituitary hormones. Lack of correlation between predicted values and circular dichroism data. 1979 , 14, 113-22		14
624	THERMOLYSIN AND BACILLUS SUBTILIS NEUTRAL PROTEASE. 2009 , 16, 327-338		12
623	Conformational stability of porcine-pancreatic secretory trypsin inhibitors (Kazal inhibitors). 1981 , 17, 454-9		11
622	Conformational stability of fructose-1, 6-biphosphate aldolase from <i>Ceratitidis capitata</i> . 1981 , 17, 539-45		4
621	ENDORPHIN:. 2009 , 18, 297-301		14
620	Role of tyrosine residues on structure-function of fructose-1,6-biphosphate aldolase from <i>Ceratitidis capitata</i> . 1982 , 19, 137-42		1
619	Physicochemical studies of dinitrophenylated bovine serum albumin. 1982 , 20, 73-80		7
618	Circular dichroism studies on conformational transitions of phytohemagglutinins effected by some alcohols. 1982 , 20, 110-4		9
617	Pigeon egg white lysozyme. 2009 , 20, 238-245		13

616	Spectroscopic study on the structure and stability of beef liver arginase. 1983 , 22, 239-50	10
615	CD-resolved secondary structure of bovine plasma albumin in acid-induced isomerization. 1983 , 22, 333-40	31
614	Domain characteristics of the cyanogen bromide fragment 121-316 of thermolysin. 1983 , 21, 49-56	14
613	Regeneration of native structure and biological activity by air oxidation of the reduced bovine trypsin inhibitor (Kunitz)*. 2009 , 24, 359-366	1
612	Effects of structure-forming solutes on chicken egg white lysozyme after reductive cleavage of disulfide bonds. 1984 , 23, 256-70	6
611	Evidence for interaction of substrate analogs with chicken eggwhite lysozyme after exhaustive reduction of disulfide bonds. 1984 , 24, 453-61	1
610	Structural changes of the 11 S globulin from sunflower seed (<i>Helianthus annuus</i> L.) after succinylation*. 2009 , 25, 347-354	17
609	Conformation and stability of the chymotrypsin inhibitor from winged bean seed (<i>Psophocarpus tetragonolobus</i> (L.) DC). 1985 , 25, 389-97	4
608	Synthesis of sequences 1-16 and 63-95 of <i>Cerebratulus lacteus</i> toxin AIII. Hemolytic activity in a toxin fragment. 1986 , 27, 508-13	3
607	Conformation and structure of mildly heat-treated ovalbumin in dilute solutions and gel formation at higher protein concentrations. 1986 , 28, 560-8	12
606	Secondary structure prediction and determination of proteins--a review. 1988 , 31, 98-108	23
605	Purification and conformation of ribosomal protein L25 from <i>E. coli</i> ribosome. 1988 , 31, 255-64	5
604	Interaction of basic extension peptide fragments of adrenodoxin precursor with phospholipid vesicles. 1988 , 32, 406-14	2
603	Synthesis and conformational studies of peptides encompassing the carboxy-terminal helix of thermolysin. 1990 , 35, 396-405	3
602	Synthesis and conformation of the trimeric coiled-coil segment of laminin. 1992 , 40, 72-9	11
601	Antibacterial peptides designed as analogs or hybrids of cecropins and melittin. 1992 , 40, 429-36	123
600	Solution conformation of Leu27 hGRF(1-32)NH ₂ and its deamidation products by 2D NMR. 1993 , 42, 24-32	13
599	Effect of secondary structure on the rate of deamidation of several growth hormone releasing factor analogs. 1993 , 42, 497-503	32

598	Synthesis and immunological properties of bombesin analogs. 1993 , 41, 333-7	1
597	D-enantiomers of 15-residue cecropin A-melittin hybrids. 1995 , 46, 214-20	48
596	Designed polyanionic coiled-coil proteins: acceleration of heparin cofactor II inhibition of thrombin. 1995 , 45, 44-52	5
595	Structurally minimized mu-conotoxin analogues as sodium channel blockers: implications for designing conopeptide-based therapeutics. 2009 , 4, 406-14	45
594	Fluorogenically Active Leucine Zipper Peptides as TagProbe Pairs for Protein Imaging in Living Cells. 2009 , 121, 9328-9330	8
593	Fluorogenically active leucine zipper peptides as tag-probe pairs for protein imaging in living cells. 2009 , 48, 9164-6	28
592	A strained DNA binding helix is conserved for site recognition, folding nucleation, and conformational modulation. 2009 , 91, 432-43	9
591	Trifluoroethanol reveals helical propensity at analogous positions in cytoplasmic domains of three connexins. 2009 , 92, 173-82	18
590	Effects of hydrophobicity and anions on self-assembly of the peptide EMK16-II. 2010 , 93, 318-29	22
589	Mouse and human indoleamine 2,3-dioxygenase display some distinct biochemical and structural properties. 2009 , 36, 99-106	29
588	Molecular cloning and recombinant expression of a gene encoding a fungal immunomodulatory protein from <i>Ganoderma lucidum</i> in <i>Pichia pastoris</i> . 2009 , 25, 383-390	16
587	Design of stable alpha-helices using global sequence optimization. 2009 , 15, 359-65	14
586	Structure dependence of biological activities for primate cathelicidins. 2009 , 15, 576-82	18
585	Effect of Leucine and Lysine substitution on the antimicrobial activity and evaluation of the mechanism of the HPA3NT3 analog peptide. 2009 , 15, 589-94	18
584	Minimal motif peptide structure of metzincin clan zinc peptidases in micelles. 2009 , 15, 832-41	3
583	Single-molecule experiments to elucidate the minimal requirement for DNA recognition by transcription factor epitopes. 2009 , 5, 484-95	15
582	Crystal structure of a trimeric form of the K(V)7.1 (KCNQ1) A-domain tail coiled-coil reveals structural plasticity and context dependent changes in a putative coiled-coil trimerization motif. 2009 , 18, 2100-14	22
581	Structure and hydration of membranes embedded with voltage-sensing domains. 2009 , 462, 473-9	166

580	Direct inhibition of the NOTCH transcription factor complex. 2009 , 462, 182-8	639
579	SOAR and the polybasic STIM1 domains gate and regulate Orai channels. 2009 , 11, 337-43	528
578	EFFECTS OF HIGH PRESSURE PROCESSING ON SOYBEAN BETA-CONGLYCININ. 2009 , 33, 568-583	18
577	Synthesis and antibacterial action of cecropin and proline-arginine-rich peptides from pig intestine. 1997 , 49, 59-66	49
576	Comparative evaluation of the synthesis and purification of transmembrane peptide fragments. Rat bradykinin receptor fragment 64-97 as model. 1997 , 49, 300-7	14
575	Effects of lanthanide binding on the stability of de novo designed alpha-helical coiled-coils. 1998 , 51, 9-18	12
574	Synthesis and study of normal, enantio, retro, and retroenantio isomers of cecropin A-melittin hybrids, their end group effects and selective enzyme inactivation. 1998 , 51, 38-44	26
573	The hydrophobic pocket of 24p3 protein from mouse uterine luminal fluid: fatty acid and retinol binding activity and predicted structural similarity to lipocalins. 1998 , 52, 390-7	52
572	Influence of preformed alpha-helix and alpha-helix induction on the activity of cationic antimicrobial peptides. 1998 , 52, 81-8	63
571	Liposome membrane can act like molecular and metal chaperones for oxidized and fragmented superoxide dismutase. 2009 , 44, 101-106	13
570	The self-assembly of CaCO ₃ crystals in the presence of protein. 2009 , 311, 2682-2688	33
569	Protein secondary structure content in solution, films and tissues: redundancy and complementarity of the information content in circular dichroism, transmission and ATR FTIR spectra. 2009 , 1794, 1332-43	93
568	Role of liposome on recognition and folding of oxidized and fragmented superoxide dismutase for its re-activation. 2009 , 46, 313-319	10
567	An inducible helix-Gly-Gly-helix motif in the N-terminal domain of histone H1e: a CD and NMR study. 2002 , 11, 214-20	26
566	Antifreeze protein from shorthorn sculpin: identification of the ice-binding surface. 2001 , 10, 2566-76	48
565	Role of the amino terminus of G protein-coupled receptor kinase 2 in receptor phosphorylation. <i>Biochemistry</i> , 2009 , 48, 7325-33	3-2 55
564	Supramolecular assembly of block copolypeptides with semiconductor nanocrystals. 2009 , 25, 707-15	12
563	Site-specific methionine oxidation initiates calmodulin degradation by the 20S proteasome. <i>Biochemistry</i> , 2009 , 48, 3005-16	3-2 33

562	The dynein stalk contains an antiparallel coiled coil with region-specific stability. <i>Biochemistry</i> , 2009 , 48, 2710-3	3.2	10
561	DNA and heparin chaperone the refolding of purified recombinant replication protein A subunit 1 from <i>Leishmania amazonensis</i> . 2009 , 1790, 119-25		6
560	Solid-state NMR and molecular dynamics characterization of cannabinoid receptor-1 (CB1) helix 7 conformational plasticity in model membranes. 2009 , 1788, 1159-67		17
559	Disruption of <i>Saccharomyces cerevisiae</i> by Plantaricin 149 and investigation of its mechanism of action with biomembrane model systems. 2009 , 1788, 2252-8		26
558	Identification of interacting regions within the coiled coil of the <i>Escherichia coli</i> structural maintenance of chromosomes protein MukB. 2009 , 391, 57-73		6
557	Amino acid insertion reveals a necessary three-helical intermediate in the folding pathway of the colicin E7 immunity protein Im7. 2009 , 392, 1074-86		9
556	Assigning membrane binding geometry of cytochrome C by polarized light spectroscopy. 2009 , 96, 3399-411		16
555	Structural and functional analysis of the HCV p7 protein. 2009 , 510, 125-43		4
554	Partly folded states of members of the lysozyme/lactalbumin superfamily: a comparative study by circular dichroism spectroscopy and limited proteolysis. 2002 , 11, 2932-46		79
553	The role of helix stabilizing residues in GCN4 basic region folding and DNA binding. 2002 , 11, 2740-7		31
552	Self-assembling quinquethiophene- β ligopeptide hydrogelators. 2009 , 5, 1990		91
551	Heme is not required for <i>Aquifex aeolicus</i> cytochrome c(555) polypeptide folding. 2009 , 73, 2022-5		16
550	Galactofuranosyl-containing glycopeptide of <i>Penicillium charlesii</i> . Vacuum ultraviolet circular dichroism. 1983 , 22, 16-20		4
549	SDS micelles as a membrane-mimetic environment for transmembrane segments. <i>Biochemistry</i> , 2009 , 48, 12096-103	3.2	82
548	Switchable electrostatic interactions between gold nanoparticles and coiled coil peptides direct colloid assembly. 2009 , 7, 46-51		32
547	Computational design of highly selective antimicrobial peptides. 2009 , 49, 2873-82		59
546	Engineered apoptosis-inducing peptides with enhanced mitochondrial localization and potency. 2009 , 52, 3293-9		33
545	Primate cathelicidin orthologues display different structures and membrane interactions. <i>Biochemical Journal</i> , 2009 , 417, 727-35	3.8	38

544	Histatins in non-human primates: gene variations and functional effects. 2010 , 17, 909-18	9
543	Peptide architecture: adding an alpha-helix to the PYY lysine side chain provides nanomolar binding and body-weight-lowering effects. 2010 , 5, 545-51	3
542	Glyco-scan: varying glycosylation in the sequence of the peptide hormone PYY3-36 and its effect on receptor selectivity. 2010 , 11, 366-74	8
541	How post-translational modifications influence amyloid formation: a systematic study of phosphorylation and glycosylation in model peptides. 2010 , 16, 7881-8	30
540	Disperse distribution of cationic amino acids on hydrophilic surface of helical wheel enhances antimicrobial peptide activity. 2010 , 107, 216-23	22
539	Aggregation of amyloid Aβ ₁₋₄₀ peptide in perdeuterated 2,2,2-trifluoroethanol caused by ultrasound sonication. 2010 , 48, 427-34	11
538	Effect of pressure on the secondary structure of coiled coil peptide GCN4-p1. 2010 , 1804, 193-8	7
537	Energetic domains analysis of bovine Bactalbumin upon interaction with copper and dodecyl trimethylammonium bromide. 2010 , 979, 227-234	58
536	Novel potent apoA-I peptide mimetics that stimulate cholesterol efflux and pre-beta particle formation in vitro. 2010 , 20, 236-9	6
535	Helicity of short E-R/K peptides. 2010 , 19, 2001-5	24
534	UV and X-ray structural studies of a 101-residue long Tat protein from a HIV-1 primary isolate and of its mutated, detoxified, vaccine candidate. 2010 , 78, 1441-56	25
533	Novel antimicrobial peptides identified from an endoparasitic wasp cDNA library. 2010 , 16, 58-64	20
532	Introduction of lipidization-cationization motifs affords systemically bioavailable neuropeptide Y and neurotensin analogs with anticonvulsant activities. 2010 , 16, 486-95	15
531	Peptide hormone isoforms: N-terminally branched PYY3-36 isoforms give improved lipid and fat-cell metabolism in diet-induced obese mice. 2010 , 16, 664-73	13
530	Identification of residues within ligand-binding domain 1 (LBD1) of the <i>Borrelia burgdorferi</i> OspC protein required for function in the mammalian environment. 2010 , 76, 393-408	44
529	Mechanism of action of an imidopiperidine inhibitor of human polynucleotide kinase/phosphatase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 2351-60	5-4 31
528	Dual modes of interaction between XRCC4 and polynucleotide kinase/phosphatase: implications for nonhomologous end joining. <i>Journal of Biological Chemistry</i> , 2010 , 285, 37619-29	5-4 49
527	Reengineering natural design by rational design and in vivo library selection: the HLH subdomain in bHLHZ proteins is a unique requirement for DNA-binding function. 2010 , 23, 337-46	8

526	Independent mechanisms of stimulation of polynucleotide kinase/phosphatase by phosphorylated and non-phosphorylated XRCC1. 2010 , 38, 510-21		26
525	An antibody directed against the fusion peptide of Junin virus envelope glycoprotein GPC inhibits pH-induced membrane fusion. 2010 , 84, 6119-29		21
524	Inhibition of Nipah virus infection in vivo: targeting an early stage of paramyxovirus fusion activation during viral entry. 2010 , 6, e1001168		88
523	Block length affects secondary structure, nanoassembly and thermosensitivity of poly(ethylene glycol)-poly(L-alanine) block copolymers. 2010 , 20, 3416		89
522	Identification of bZIP interaction partners of viral proteins HBZ, MEQ, BZLF1, and K-bZIP using coiled-coil arrays. <i>Biochemistry</i> , 2010 , 49, 1985-97	3.2	47
521	Remodeling of dynamic structures of HIV-1 envelope proteins leads to synthetic antigen molecules inducing neutralizing antibodies. 2010 , 21, 709-14		17
520	Resolving inhomogeneity using lifetime-weighted fluorescence correlation spectroscopy. 2010 , 114, 12383-91		26
519	Circular dichroism and UV resonance raman study of the impact of alcohols on the Gibbs free energy landscape of an alpha-helical peptide. <i>Biochemistry</i> , 2010 , 49, 3336-42	3.2	18
518	Tryptophan probes at the alpha-synuclein and membrane interface. 2010 , 114, 4615-22		70
517	Critical interactions in the stability control region of tropomyosin. 2010 , 170, 294-306		9
516	The dimeric structure and the bivalent recognition of H3K4me3 by the tumor suppressor ING4 suggests a mechanism for enhanced targeting of the HBO1 complex to chromatin. 2010 , 396, 1117-27		32
515	Interaction of cationic antimicrobial peptides with phospholipid vesicles and their antibacterial activity. 2010 , 31, 1811-20		51
514	Gaegurin-6 stimulates insulin secretion through calcium influx in pancreatic beta Rin5mf cells. 2010 , 159, 123-8		18
513	Towards understanding secondary structure transitions: phosphorylation and metal coordination in model peptides. 2010 , 8, 2575-9		12
512	Amphiphilic peptide-polymer conjugates based on the coiled-coil helix bundle. 2010 , 11, 1443-52		35
511	Navigating the downhill protein folding regime via structural homologues. 2010 , 132, 11183-90		37
510	Critical temperature of secondary structural change of myoglobin in thermal denaturation up to 130 degrees C and effect of sodium dodecyl sulfate on the change. 2010 , 114, 2430-4		20
509	Helix propensities of conformationally restricted amino acids. Non-natural substitutes for helix breaking proline and helix forming alanine. 2010 , 8, 788-92		14

508	Self-organization of amide dendrons with focal dipeptide units. 2011 , 7, 9021	17
507	β-helix unfolding in simple shear flow. 2011 , 7, 203-210	17
506	H/D isotope effects in protein thermal denaturation: the case of bovine serum albumin. 2011 , 115, 1881-8	27
505	WITHDRAWN: Reprint of: Use of dual affinity tags for expression and purification of functional peripheral cannabinoid receptor. 2011 ,	
504	Structure-activity relationships of piscidin 4, a piscine antimicrobial peptide. <i>Biochemistry</i> , 2011 , 50, 3288-99	49
503	The native ensemble and folding of a protein molten-globule: functional consequence of downhill folding. 2011 , 133, 12154-61	48
502	Preliminary study on the DNA-binding properties of phage λ 31 integrase. 2011 , 484, 47-51	2
501	Effect of lysine modification on the stability and cellular binding of human amyloidogenic light chains. 2011 , 1812, 32-40	6
500	A plausible mode of action of pseudin-2, an antimicrobial peptide from <i>Pseudis paradoxa</i> . 2011 , 1808, 171-82	42
499	Structural instability tuning as a regulatory mechanism in protein-protein interactions. 2011 , 44, 734-44	28
498	Heparin changes the conformation of high-mobility group protein 1 and decreases its affinity toward receptor for advanced glycation endproducts in vitro. 2011 , 11, 187-93	29
497	Trifluoroethanol stabilizes the molten globule state and induces non-amyloidic turbidity in stem bromelain near its isoelectric point. 2011 , 49, 536-42	6
496	Protein structural change in a mixed system of ionic and zwitterionic surfactants. 2011 , 60, 229-36	1
495	Thermodynamic analysis of Jun-Fos coiled coil peptide antagonists. 2011 , 278, 663-72	19
494	Isolation and characterization of type I antifreeze proteins from cunner, <i>Tautoglabrus adspersus</i> , order Perciformes. 2011 , 278, 3699-710	13
493	Secondary structure of protamine in sperm nuclei: an infrared spectroscopy study. 2011 , 11, 14	24
492	Two coiled-coil regions of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> harpin differ in oligomerization and hypersensitive response induction. 2011 , 40, 381-92	16
491	Electrochemical properties and temperature dependence of a recombinant laccase from <i>Thermus thermophilus</i> . 2011 , 399, 361-6	19

490	Effect of acyl chain structure and bilayer phase state on binding and penetration of a supported lipid bilayer by HPA3. 2011 , 40, 503-14		29
489	Biophysical investigations of GBV-C E1 peptides as potential inhibitors of HIV-1 fusion peptide. 2011 , 12, 2816-22		9
488	Influence of N-terminus modifications on the biological activity, membrane interaction, and secondary structure of the antimicrobial peptide hylin-a1. 2011 , 96, 41-8		49
487	Design and characterization of endosomal-pH-responsive coiled coils for constructing an artificial membrane fusion system. 2011 , 17, 6179-86		24
486	Can the interaction between the antimicrobial peptide LL-37 and alginate be exploited for the formulation of new biomaterials with antimicrobial properties?. 2011 , 83, 578-585		15
485	Tetrakis(4-sulfonatophenyl)porphyrin fluorescence as reporter of human serum albumin structural changes induced by guanidine hydrochloride. 2011 , 217, 125-135		17
484	How kinesin-2 forms a stalk. 2011 , 22, 4279-87		12
483	Glu659Leu substitution of recombinant HIV fusion inhibitor C52L induces soluble expression in <i>Escherichia coli</i> with equivalent anti-HIV potency. 2011 , 24, 545-51		2
482	Characterization of unique signature sequences in the divergent maternal protein Bcl2l10. 2011 , 28, 3271-83		9
481	Domain 3 of NS5A protein from the hepatitis C virus has intrinsic alpha-helical propensity and is a substrate of cyclophilin A. <i>Journal of Biological Chemistry</i> , 2011 , 286, 20441-54	5-4	87
480	Chiral vibrational structures of proteins at interfaces probed by sum frequency generation spectroscopy. 2011 , 12, 9404-25		53
479	Selection with a peptide fusion inhibitor corresponding to the first heptad repeat of HIV-1 gp41 identifies two genetic pathways conferring cross-resistance to peptide fusion inhibitors corresponding to the first and second heptad repeats (HR1 and HR2) of gp41. 2011 , 85, 12929-38		18
478	C- and N-truncated antimicrobial peptides from LFampin 265 - 284: Biophysical versus microbiology results. 2011 , 3, 60-9		16
477	Elucidation of the Rotavirus NSP4-Caveolin-1 and -Cholesterol Interactions Using Synthetic Peptides. 2012 , 2012, 575180		5
476	The cytoplasmic coiled-coil mediates cooperative gating temperature sensitivity in the voltage-gated H(+) channel Hv1. 2012 , 3, 816		72
475	Trimeric, coiled-coil extension on peptide fusion inhibitor of HIV-1 influences selection of resistance pathways. <i>Journal of Biological Chemistry</i> , 2012 , 287, 8297-309	5-4	18
474	Structural basis for the transcriptional regulation of heme homeostasis in <i>Lactococcus lactis</i> . <i>Journal of Biological Chemistry</i> , 2012 , 287, 30755-68	5-4	42
473	An inhibitory peptide derived from the β subunit of the epithelial sodium channel (ENaC) shows a helical conformation. 2012 , 29, 761-74		8

472	Secondary structural changes of homologous proteins, lysozyme and β -lactalbumin, in thermal denaturation up to 130 °C and sodium dodecyl sulfate (SDS) effects on these changes: comparison of thermal stabilities of SDS-induced helical structures in these proteins. 2012 , 28, 16268-73		12
471	His26 protonation in cytochrome c triggers microsecond β -sheet formation and heme exposure: implications for apoptosis. 2012 , 134, 19061-9		36
470	A novel one-pot de-blocking and conjugation reaction step leads to process intensification in the manufacture of PEGylated insulin IN-105. 2012 , 35, 1333-41		2
469	Physicochemical characterization of GBV-C E1 peptides as potential inhibitors of HIV-1 fusion peptide: interaction with model membranes. 2012 , 436, 593-601		7
468	N-terminal disulfide-bridging of <i>Borrelia</i> outer surface protein C increases its diagnostic and vaccine potentials. 2012 , 3, 1-7		5
467	Helix-dipole effects in peptide self-assembly to amyloid. <i>Biochemistry</i> , 2012 , 51, 4167-74	3.2	5
466	Interaction of 8-anilinonaphthalene 1-sulphonate (ANS) and human matrix metalloproteinase 7 (MMP-7) as examined by MMP-7 activity and ANS fluorescence. 2012 , 151, 533-40		10
465	Structural characterization of a trapped folding intermediate of pyrrolidone carboxyl peptidase from a hyperthermophile. <i>Biochemistry</i> , 2012 , 51, 6089-96	3.2	3
464	The neuroendocrine protein 7B2 is intrinsically disordered. <i>Biochemistry</i> , 2012 , 51, 7456-64	3.2	7
463	Binding of a truncated form of lecithin:retinol acyltransferase and its N- and C-terminal peptides to lipid monolayers. 2012 , 28, 3516-23		19
462	High ionic liquid concentration-induced structural change of protein in aqueous solution: a case study of lysozyme. 2012 , 116, 11092-7		76
461	Protein Structure. 2012 ,		1
460	Interfacial and emulsifying properties of amaranth (<i>Amaranthus hypochondriacus</i>) protein isolates under different conditions of pH. 2012 , 45, 1-7		16
459	Crystal structure and characterization of coiled-coil domain of the transient receptor potential channel PKD2L1. 2012 , 1824, 413-21		11
458	Molecular Interactions of Fluorinated Amino Acids within the Hydrophobic Core of a Coiled Coil Peptide. 2012 , 33-61		
457	Circular dichroism techniques for the analysis of intrinsically disordered proteins and domains. 2012 , 895, 387-404		60
456	Forced homodimerization of the c-Fos leucine zipper in designed bHLHZ-like hybrid proteins MaxbHLH-Fos and ArntbHLH-Fos. 2012 , 8, 1286-96		5
455	Electronic Circular Dichroism of Peptides. 2012 , 499-544		29

454	A positive selection approach identifies residues important for folding of Salmonella enterica Pat, an N(ε)-lysine acetyltransferase that regulates central metabolism enzymes. 2012 , 163, 427-35	5
453	Theoretical and in vitro studies of a C-terminal peptide from PGKC of Leishmania mexicana mexicana. 2012 , 185, 27-35	3
452	Molecular basis for membrane pore formation by Bax protein carboxyl terminus. <i>Biochemistry</i> , 2012 , 51, 9406-19	3.2 16
451	Expedient chemical synthesis of 75mer DNA binding domain of MafA: an insight on its binding to insulin enhancer. 2012 , 43, 1995-2003	26
450	The β -Helix and β -Helical Coiled-Coil. 2012 , 95-125	
449	Applications of circular dichroism for structural analysis of gelatin and antimicrobial peptides. 2012 , 13, 3229-44	76
448	Functional characterization of a first avian cytochrome P450 of the CYP2D subfamily (CYP2D49). 2012 , 7, e38395	8
447	Probing protein sequences as sources for encrypted antimicrobial peptides. 2012 , 7, e45848	40
446	Biophysical property and broad anti-HIV activity of albuvirtide, a 3-maleimimidopropionic acid-modified peptide fusion inhibitor. 2012 , 7, e32599	44
445	Preserving Proteins Under High Pressure and Low Temperature. 2012 ,	1
444	Comparative activity and mechanism of action of three types of bovine antimicrobial peptides against pathogenic Prototheca spp. 2012 , 18, 105-13	19
443	Site-specific PEGylation of HR2 peptides: effects of PEG conjugation position and chain length on HIV-1 membrane fusion inhibition and proteolytic degradation. 2012 , 23, 1648-60	35
442	New structural determinants for c-Myc specific heterodimerization with Max and development of a novel homodimeric c-Myc b-HLH-LZ. 2012 , 25, 414-26	10
441	Tunable energy transfer rates via control of primary, secondary, and tertiary structure of a coiled coil peptide scaffold. 2012 , 51, 11324-38	17
440	Cn-AMP1: a new promiscuous peptide with potential for microbial infections treatment. 2012 , 98, 322-31	39
439	Luminescent, bimetallic AuAg alloy quantum clusters in protein templates. 2012 , 4, 4255-62	106
438	Characterization of photosystem I from spinach: effect of solution pH. 2012 , 112, 63-70	11
437	Kinetic investigation on the oxidation of tris(1,10-phenanthroline)iron(II) by oxone: the effect of BSA-SDS interaction. 2012 , 378, 110-7	17

436	The importance of stereochemically active lone pairs for influencing Pb(II) and As(III) protein binding. 2012 , 18, 2040-50		35
435	Thermodynamics of binding by calmodulin correlates with target peptide helical propensity. 2013 , 81, 607-12		18
434	Vacuum-ultraviolet circular dichroism of Escherichia coli dihydrofolate reductase: Insight into the contribution of tryptophan residues. 2013 , 572, 111-114		7
433	Design and Synthesis of Peptide YY Analogues with C-terminal Backbone Amide-to-Ester Modifications. 2013 , 4, 1228-32		5
432	In silico and in vitro studies to elucidate the role of Cu ²⁺ and galanthamine as the limiting step in the amyloid beta (1-42) fibrillation process. 2013 , 22, 1320-35		13
431	pH-jump induced helix folding of poly-L-glutamic acid. 2013 , 422, 124-130		29
430	A folding-based approach for the luminescent detection of a short RNA hairpin. 2013 , 135, 3812-4		21
429	Structural and functional insights into the regulation of Helicobacter pylori arginase activity by an evolutionary nonconserved motif. <i>Biochemistry</i> , 2013 , 52, 508-19	3-2	9
428	Protein-encapsulated gold cluster aggregates: the case of lysozyme. 2013 , 5, 2009-16		73
427	Ionic liquid-induced formation of the helical structure of lactoglobulin. 2013 , 117, 10142-8		34
426	Influenza A virus protein PB1-F2 from different strains shows distinct structural signatures. 2013 , 1834, 568-82		12
425	Human S100A3 tetramerization propagates Ca ²⁺ /Zn ²⁺ binding states. 2013 , 1833, 1712-9		11
424	Antimicrobial activity of pleurocidin is retained in Plc-2, a C-terminal 12-amino acid fragment. 2013 , 45, 78-84		12
423	TAT hitchhiker selection expanded to folding helpers, multimeric interactions and combinations with protein fragment complementation. 2013 , 26, 225-42		2
422	Spiral Configuration of Nitroxide Radicals Along the Polypeptide Helix and Their Magnetic Properties. 2013 , 46, 1713-1722		5
421	Coarse-grained models of protein folding as detailed tools to connect with experiments. 2013 , 3, 504-514		9
420	Jagged-1 juxtamembrane region: biochemical characterization and cleavage by ADAM17 (TACE) catalytic domain. 2013 , 432, 666-71		10
419	Self-assembly of designed coiled coil peptides studied by small-angle X-ray scattering and analytical ultracentrifugation. 2013 , 19, 283-92		10

418	Peptide inhibitors disrupt the serotonin 5-HT _{2C} receptor interaction with phosphatase and tensin homolog to allosterically modulate cellular signaling and behavior. 2013 , 33, 1615-30	32
417	Monitoring protein denaturation using thermal conductivity probe. 2013 , 52, 353-7	11
416	Antimicrobial HPA3NT3 peptide analogs: placement of aromatic rings and positive charges are key determinants for cell selectivity and mechanism of action. 2013 , 1828, 443-54	46
415	Effects of a polar amino acid substitution on helix formation and aggregate size along the detergent-induced peptide folding pathway. 2013 , 1828, 373-81	8
414	Cyclic analogs of galanin and neuropeptide Y by hydrocarbon stapling. 2013 , 21, 303-10	11
413	Metal-binding properties and structural characterization of a self-assembled coiled coil: formation of a polynuclear Cd-thiolate cluster. 2013 , 119, 1-9	27
412	Controlled formation of emissive silver nanoclusters using rationally designed metal-binding proteins. 2013 , 52, 9166-8	23
411	Effect of flanking bases on the DNA specificity of EmBP-1. <i>Biochemistry</i> , 2013 , 52, 786-94	3,2
410	CAPITO--a web server-based analysis and plotting tool for circular dichroism data. 2013 , 29, 1750-7	163
409	Functional and topological studies with Trp-containing analogs of the peptide StII(1-30) derived from the N-terminus of the pore forming toxin sticholysin II: contribution to understand its orientation in membrane. 2013 , 100, 337-46	8
408	Effects of short elastin-like peptides on filamentous particles and their transition behavior. 2013 , 110, 1822-30	7
407	Crystal structure of the ubiquitin-like small archaeal modifier protein 2 from <i>Haloferax volcanii</i> . 2013 , 22, 1206-17	8
406	Conformational dissection of a viral intrinsically disordered domain involved in cellular transformation. 2013 , 8, e72760	14
405	Site-Directed Mutagenesis of Myoglobin for Studies of Their Interaction with Iron(III) by Multi-Spectroscopic Techniques. 2013 , 2013, 1-11	1
404	. 2014 ,	1
403	Transmission of stability information through the N-domain of tropomyosin is interrupted by a stabilizing mutation (A109L) in the hydrophobic core of the stability control region (residues 97-118). <i>Journal of Biological Chemistry</i> , 2014 , 289, 4356-66	5,4 8
402	Transient non-native helix formation during the folding of β -lactoglobulin. 2014 , 4, 202-16	11
401	Local gene silencing in plants via synthetic dsRNA and carrier peptide. 2014 , 12, 1027-34	92

400	Lysophospholipid-containing membranes modulate the fibril formation of the repeat domain of a human functional amyloid, pmel17. 2014 , 426, 4074-4086	20
399	Imaging Nucleation, Growth and Heterogeneity in Self-Assembled Amyloid Phases. 2014 , 27-36	3
398	The effect of Zn ²⁺ on Euphausia superba arginine kinase: Unfolding and aggregation studies. 2014 , 49, 821-829	12
397	Structural and functional analysis of the GerD spore germination protein of Bacillus species. 2014 , 426, 1995-2008	18
396	Antimicrobial peptides against Pseudomonas syringae pv. actinidiae and Erwinia amylovora: Chemical synthesis, secondary structure, efficacy, and mechanistic investigations. 2014 , 102, 88-96	9
395	Relationship between chain collapse and secondary structure formation in a partially folded protein. 2014 , 101, 651-8	6
394	Peptide:lipid ratio and membrane surface charge determine the mechanism of action of the antimicrobial peptide BP100. Conformational and functional studies. 2014 , 1838, 1985-99	72
393	Designing cell-aggregating peptides without cytotoxicity. 2014 , 15, 512-23	7
392	Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. 2014 , 5, 3067	247
391	Controlling leucine-zipper partner recognition in cells through modification of a-g interactions. 2014 , 50, 6364-7	5
390	Concentration-controlled formation of myoglobin/gold nanosphere aggregates. 2014 , 118, 5082-92	18
389	Sodium dodecyl sulfate monomers induce XAO peptide polyproline II to α -helix transition. 2014 , 118, 10565-75	9
388	Targeting the Transcriptional Hub β -Catenin Using Stapled Peptides. 2014 , 365-378	
387	Thermodynamics of downhill folding: multi-probe analysis of PDD, a protein that folds over a marginal free energy barrier. 2014 , 118, 8982-94	31
386	Native oligomerization determines the mode of action and biological activities of human cathelicidin LL-37. <i>Biochemical Journal</i> , 2014 , 457, 263-75	3.8 51
385	Coiled coil peptides and polymer-peptide conjugates: synthesis, self-assembly, characterization and potential in drug delivery systems. 2014 , 15, 2590-9	32
384	Emergence of structure through protein-protein interactions and pH changes in dually predicted coiled-coil and disordered regions of centrosomal proteins. 2014 , 1844, 1808-19	7
383	β -Synuclein oligomers distinctively permeabilize complex model membranes. 2014 , 281, 2838-50	48

- 382 Library of random copolypeptides by solid phase synthesis. **2014**, 15, 3687-95 7
- 381 Involvement of Val 315 located in the C-terminal region of thermolysin in its expression in *Escherichia coli* and its thermal stability. **2014**, 1844, 330-8 5
- 380 Bundled assembly of helical nanostructures in polymeric micelles loaded with platinum drugs enhancing therapeutic efficiency against pancreatic tumor. **2014**, 8, 6724-38 121
- 379 Terminal residue hydrophobicity modulates transmembrane helix-helix interactions. *Biochemistry*, **2014**, 53, 3747-57 3.2 3
- 378 Protein Structures: Sodium Dodecyl Sulfate Protective Effect. **2015**, 6210-6222
- 377 The C-terminal region of the non-structural protein 2B from Hepatitis A Virus demonstrates lipid-specific viroporin-like activity. *Scientific Reports*, **2015**, 5, 15884 4.9 15
- 376 Protein Interactions with Ionic Surfactants: Binding and Induced Conformational Changes. **2015**, 6177-6192
- 375 Evidence for a Shared Mechanism in the Formation of Urea-Induced Kinetic and Equilibrium Intermediates of Horse Apomyoglobin from Ultrarapid Mixing Experiments. **2015**, 10, e0134238 4
- 374 Bridging Experiments and Native-Centric Simulations of a Downhill Folding Protein. **2015**, 119, 14925-33 6
- 373 Real-time measurement of membrane conformational states induced by antimicrobial peptides: balance between recovery and lysis. *Scientific Reports*, **2014**, 4, 5479 4.9 51
- 372 Antimicrobial peptides with potential for biofilm eradication: synthesis and structure activity relationship studies of battacin peptides. **2015**, 58, 625-39 86
- 371 New aspects of the structure and mode of action of the human cathelicidin LL-37 revealed by the intrinsic probe p-cyanophenylalanine. *Biochemical Journal*, **2015**, 465, 443-57 3.8 28
- 370 Computational study of elements of stability of a four-helix bundle protein biosurfactant. **2015**, 29, 47-58 5
- 369 Interaction Site between the Protein Aggregates and Thiocyanate Ion in Aqueous Solution: A Case Study of 1-Butyl-3-methylimidazolium Thiocyanate. **2015**, 119, 6536-44 15
- 368 Phosphoribulokinase from *Chlamydomonas reinhardtii*: a Benson-Calvin cycle enzyme enslaved to its cysteine residues. **2015**, 11, 1134-45 18
- 367 A novel protein with anti-metastasis activity on 4T1 carcinoma from medicinal fungus *Cordyceps militaris*. **2015**, 80, 385-91 17
- 366 Protective Effect of Intranasal Regimens Containing Peptidic Middle East Respiratory Syndrome Coronavirus Fusion Inhibitor Against MERS-CoV Infection. **2015**, 212, 1894-903 71
- 365 Analytical tools used in the formulation and assessment of stability of monoclonal antibodies (mAbs). **2015**, 17-44 2

364	Mapping the BH3 Binding Interface of Bcl-xL, Bcl-2, and Mcl-1 Using Split-Luciferase Reassembly. <i>Biochemistry</i> , 2015 , 54, 2632-43	3.2	8
363	Fibrillar structures formed by covalently bound, short, β -stranded peptides on self-assembled monolayers. 2015 , 31, 3441-50		6
362	Apoprotein Structure and Metal Binding Characterization of a de Novo Designed Peptide, β DIV, that Sequesters Toxic Heavy Metals. <i>Biochemistry</i> , 2015 , 54, 2858-73	3.2	28
361	Exploring binding properties of sertraline with human serum albumin: Combination of spectroscopic and molecular modeling studies. 2015 , 242, 235-46		32
360	A novel mechanism of protein thermostability: a unique N-terminal domain confers heat resistance to Fe/Mn-SODs. <i>Scientific Reports</i> , 2014 , 4, 7284	4.9	12
359	The Cerebro-oculo-facio-skeletal Syndrome Point Mutation F231L in the ERCC1 DNA Repair Protein Causes Dissociation of the ERCC1-XPF Complex. <i>Journal of Biological Chemistry</i> , 2015 , 290, 20541-55	5.4	10
358	Interplay between Lipid Interaction and Homo-coiling of Membrane-Tethered Coiled-Coil Peptides. 2015 , 31, 9953-64		25
357	De novo design and characterization of copper metalloptides inspired by native cupredoxins. 2015 , 54, 9470-82		21
356	Evidence for an elevated aspartate pK(a) in the active site of human aromatase. <i>Journal of Biological Chemistry</i> , 2015 , 290, 1186-96	5.4	39
355	Effect of temperature on the conformation of natively unfolded protein 4E-BP1 in aqueous and mixed solutions containing trifluoroethanol and hexafluoroisopropanol. 2015 , 34, 18-28		5
354	Probing coiled-coil assembly by paramagnetic NMR spectroscopy. 2015 , 13, 1159-68		13
353	Effect of microwave modification on mechanical properties and structural characteristics of soy protein isolate and zein blended film. 2016 , 34, 180-188		11
352	Biofilms from <i>Klebsiella pneumoniae</i> : Matrix Polysaccharide Structure and Interactions with Antimicrobial Peptides. 2016 , 4,		11
351	Kinetics for Cu(2+) induced <i>Sepia pharaonis</i> arginine kinase inactivation and aggregation. 2016 , 91, 926-33		5
350	Structural and thermodynamic characterisation of L94F mutant of horse cytochrome c. 2016 , 92, 202-212		12
349	Synthesis and biological activity of lipophilic analogs of the cationic antimicrobial active peptide anoplin. 2016 , 22, 731-736		11
348	Identification of the Fusion Peptide-Containing Region in Betacoronavirus Spike Glycoproteins. 2016 , 90, 5586-5600		50
347	Enfuvirtide-PEG conjugate: A potent HIV fusion inhibitor with improved pharmacokinetic properties. 2016 , 121, 232-237		17

346	Nanotubular self-organization of amide dendrons with focal β -sheet forming peptide units. 2016 , 12, 7453-7456		1
345	Conformational analysis of bovine serum albumin adsorbed on halloysite nanotubes and kaolinite: a Fourier transform infrared spectroscopy study. 2016 , 6, 72386-72398		15
344	GADIS: Algorithm for designing sequences to achieve target secondary structure profiles of intrinsically disordered proteins. 2016 , 29, 339-46		18
343	Modulating Transmembrane α -Helix Interactions through pH-Sensitive Boundary Residues. <i>Biochemistry</i> , 2016 , 55, 4306-15	3-2	3
342	A Coiled-Coil Peptide Shaping Lipid Bilayers upon Fusion. 2016 , 111, 2162-2175		25
341	Spectroscopic and Computational Analysis of Protein Binding on Copper Nanoparticles: an Insight into Ligand and Nanocarrier Interaction. 2016 , 83, 896-902		
340	Secondary Structure of Decorin-Derived Peptides in Solution. 2016 , 1, 1965-1970		
339	Influence of pH on the Structure and Function of Kiwi Pectin Methyltransferase Inhibitor. 2016 , 64, 5866-76		14
338	High-order oligomers of intrinsically disordered brain proteins BASP1 and GAP-43 preserve the structural disorder. 2016 , 283, 1550-69		15
337	Flexible vs Rigid Epitope Conformations for Diagnostic- and Vaccine-Oriented Applications: Novel Insights from the Burkholderia pseudomallei BPSL2765 Pal3 Epitope. 2016 , 2, 221-30		19
336	Characterization of Sizes of Aggregates of Insulin Analogs and the Conformations of the Constituent Protein Molecules: A Concomitant Dynamic Light Scattering and Raman Spectroscopy Study. 2016 , 105, 551-558		24
335	Intrinsic Disorder to Order Transitions in the Scaffold Phosphoprotein P from the Respiratory Syncytial Virus RNA Polymerase Complex. <i>Biochemistry</i> , 2016 , 55, 1441-54	3-2	9
334	Effect of atmospheric pressure cold plasma (ACP) on activity and structure of alkaline phosphatase. 2016 , 98, 181-188		68
333	Protein-targeted corona phase molecular recognition. 2016 , 7, 10241		137
332	A hemocyanin-derived antimicrobial peptide from the penaeid shrimp adopts an alpha-helical structure that specifically permeabilizes fungal membranes. 2016 , 1860, 557-68		34
331	De novo design of protein mimics of B-DNA. 2016 , 12, 169-77		7
330	Kinetic Pathway of 3-Helix Micelle Formation. 2017 , 18, 976-984		6
329	Triosephosphate isomerase tyrosine nitration induced by heme- NaNO_2 or peroxyxynitrite: Effects of different natural phenolic compounds. 2017 , 31, e21893		6

328	A Boron 2-(2'-pyridyl) Imidazole Fluorescence Probe for Bovine Serum Albumin: Discrimination over Other Proteins and Identification of Its Denaturation. 2017 , 93, 1414-1422		2
327	Identification of human flap endonuclease 1 (FEN1) inhibitors using a machine learning based consensus virtual screening. 2017 , 13, 1630-1639		17
326	Overall Structural Model of NS5A Protein from Hepatitis C Virus and Modulation by Mutations Confering Resistance of Virus Replication to Cyclosporin A. <i>Biochemistry</i> , 2017 , 56, 3029-3048	3.2	22
325	Inhibition of proteases activity in intestine needs a sustainable acidic environment rather than a transient. 2017 , 43, 1648-1655		
324	Loading of halloysite nanotubes with BSA, β Lac and β Lg: a Fourier transform infrared spectroscopic and thermogravimetric study. 2017 , 28, 055706		21
323	Tools for Designing Amphipathic Helical Antimicrobial Peptides. 2017 , 1548, 23-34		9
322	Membrane-Fusogen Distance Is Critical for Efficient Coiled-Coil-Peptide-Mediated Liposome Fusion. 2017 , 33, 12443-12452		19
321	Design of coiled-coil protein-origami cages that self-assemble in vitro and in vivo. 2017 , 35, 1094-1101		89
320	Encrypted Antimicrobial Peptides from Plant Proteins. <i>Scientific Reports</i> , 2017 , 7, 13263	4.9	19
319	Molecular Insights into Human Serum Albumin as a Receptor of Amyloid- β in the Extracellular Region. 2017 , 139, 15437-15445		41
318	Cholesterol-directed nanoparticle assemblies based on single amino acid peptide mutations activate cellular uptake and decrease tumor volume. 2017 , 8, 7552-7559		8
317	Modular assembly of a protein nanotriangle using orthogonally interacting coiled coils. <i>Scientific Reports</i> , 2017 , 7, 10577	4.9	19
316	Spectroscopic investigation of the effects of aqueous-phase prepared CdTe quantum dots on protein hemoglobin at the molecular level. 2017 , 31, e21953		5
315	Deciphering the interaction of bovine heart cystatin with ZnO nanoparticles: Spectroscopic and thermodynamic approach. 2017 , 95, 1056-1063		14
314	Impact of R264C and R264H polymorphisms in human aromatase function. 2017 , 167, 23-32		11
313	PGLa-H tandem-repeat peptides active against multidrug resistant clinical bacterial isolates. 2017 , 1859, 228-237		17
312	Secondary Structural Changes of Intact and Disulfide Bridges-Cleaved Human Serum Albumins in Thermal Denaturation up to 130°C - Additive Effects of Sodium Dodecyl Sulfate on the Changes. 2017 , 66, 521-529		5
311	In silico optimization of a guava antimicrobial peptide enables combinatorial exploration for peptide design. 2018 , 9, 1490		107

310	Cryptic Disorder Out of Disorder: Encounter between Conditionally Disordered CP12 and Glyceraldehyde-3-Phosphate Dehydrogenase. 2018 , 430, 1218-1234	9
309	The Model Structures of the Complement Component 5a Receptor (C5aR) Bound to the Native and Engineered C5a. <i>Scientific Reports</i> , 2018 , 8, 2955	4.9 9
308	Efficient Fusion at Neutral pH by Human Immunodeficiency Virus gp41 Trimers Containing the Fusion Peptide and Transmembrane Domains. <i>Biochemistry</i> , 2018 , 57, 1219-1235	3.2 6
307	Towards an experimental classification system for membrane active peptides. <i>Scientific Reports</i> , 2018 , 8, 1194	4.9 9
306	Insights on the structure-activity relationship of peptides derived from Sticholysin II. 2018 , 110, e23097	3
305	Highly permeable biomimetic reverse osmosis membrane with amphiphilic peptide stabilized aquaporin as water filtering agent. 2018 , 135, 46169	11
304	Structural and immunological characterization of hydroxyl radical modified human IgG: Clinical correlation in rheumatoid arthritis. 2018 , 194, 194-201	2
303	Incorporation of second coordination sphere D-amino acids alters Cd(II) geometries in designed thiolate-rich proteins. 2018 , 23, 123-135	15
302	Antibacterial Activity Affected by the Conformational Flexibility in Glycine-Lysine Based α -Helical Antimicrobial Peptides. 2018 , 61, 2924-2936	38
301	Circular dichroism in functional quality evaluation of medicines. 2018 , 147, 50-64	25
300	Effect of high pressure homogenization on the structure and the interfacial and emulsifying properties of β -lactoglobulin. 2018 , 537, 111-121	13
299	Comparison of lipid-dependent bilayer insertion of pHLIP and its P20G variant. 2018 , 1860, 534-543	20
298	Blocking Oligomeric Insulin Amyloid Fibrillation via Perylenebisimides Containing Dipeptide Tentacles. 2018 , 4, 4076-4083	7
297	Potential in vitro and ex vivo targeting of bZIP53 involved in stress response and seed maturation in <i>Arabidopsis thaliana</i> by five designed peptide inhibitors. 2018 , 1866, 1249-1259	3
296	Effect of targeted minimal sequence variations on the structure and biological activities of the human cathelicidin LL-37. 2018 , 110, e24087	3
295	Effect of cations and anions of ionic liquids on the stability and activity of lysozyme: Concentration and temperature effect. 2018 , 272, 253-263	24
294	Influence of Bacterial Biofilm Polysaccharide Structure on Interactions with Antimicrobial Peptides: A Study on. 2018 , 19,	10
293	Structure-Stability-Function Mechanistic Links in the Anti-Measles Virus Action of Tocopherol-Derivatized Peptide Nanoparticles. 2018 , 12, 9855-9865	11

292	Facile Chemoselective Modification of Thio-Ethers Generates Chiral Center-Induced Helical Peptides. 2018 , 29, 2904-2908	6
291	The Modifiable Scaffold for Tissue Engineering. 2018 , 89-101	
290	Determining Stable Single Alpha Helical (SAH) Domain Properties by Circular Dichroism and Atomic Force Microscopy. 2018 , 1805, 185-211	2
289	Molecular mechanism of Arabidopsis thaliana profilins as antifungal proteins. 2018 , 1862, 2545-2554	7
288	Peptide-Based Membrane Fusion Inhibitors Targeting HCoV-229E Spike Protein HR1 and HR2 Domains. 2018 , 19,	46
287	Interactions between the antiviral drug telaprevir and human serum albumin: a combined study with spectroscopic methods and molecular modeling. 2018 , 42, 9791-9800	13
286	Helical Peptide-Gold Nanoparticle Hybrids: Synthesis, Characterization, and Catalytic Activity. 2018 , 25, 56-63	2
285	Conformational plasticity of the intrinsically disordered protein ASR1 modulates its function as a drought stress-responsive gene. 2018 , 13, e0202808	16
284	Functionalized polymeric membrane with aquaporin using click chemistry for water purification application. 2018 , 135, 46678	8
283	Fast and potent bactericidal membrane lytic activity of PaDBS1R1, a novel cationic antimicrobial peptide. 2019 , 1861, 178-190	20
282	Intragenic antimicrobial peptides (IAPs) from human proteins with potent antimicrobial and anti-inflammatory activity. 2019 , 14, e0220656	8
281	Silk Flexible Electronics: From Bombyx mori Silk Ag Nanoclusters Hybrid Materials to Mesoscopic Memristors and Synaptic Emulators. 2019 , 29, 1904777	41
280	Computer-Aided Design of Mastoparan-like Peptides Enables the Generation of Nontoxic Variants with Extended Antibacterial Properties. 2019 , 62, 8140-8151	12
279	The Intrinsically Disordered Loop in the USF1 bHLHZ Domain Modulates Its DNA-Binding Sequence Specificity in Hereditary Asthma. 2019 , 123, 9862-9871	2
278	A rational search for discovering potential neutral ligands of human complement fragment 5a (C5a). 2019 , 27, 115052	8
277	Remediation and Mechanisms of Cadmium Biosorption by a Cadmium-Binding Protein from. 2019 , 67, 11373-11379	15
276	Kinetic and thermodynamic effects of phosphorylation on p53 binding to MDM2. <i>Scientific Reports</i> , 2019 , 9, 693	4-9 15
275	Biomimetic Peptide Nanowires Designed for Conductivity. <i>ACS Omega</i> , 2019 , 4, 1748-1756	3-9 10

274	Selection and redesign for high selectivity of membrane-active antimicrobial peptides from a dedicated sequence/function database. 2019 , 1861, 827-834		12
273	A biophysical insight into structural and functional state of human serum albumin in uremia mimic milieu. 2019 , 131, 697-705		9
272	A pan-coronavirus fusion inhibitor targeting the HR1 domain of human coronavirus spike. <i>Science Advances</i> , 2019 , 5, eaav4580	14.3	268
271	High efficiency liposome fusion induced by reducing undesired membrane peptides interaction. 2019 , 17, 31-42		1
270	Characterization of acetyl-CoA synthetase kinetics and ATP-binding. 2019 , 1863, 1040-1049		5
269	The C-terminal SAM domain of p73 binds to the N terminus of MDM2. 2019 , 1863, 760-770		5
268	Molecular design of sequence-minimized, structure-optimized, and hydrocarbon-stapled helix-helix interactions in the trimer-of-hairpins motif of pediatric pneumonia RSV-F protein. 2019 , 94, 1292-1299		9
267	Albumin nanoparticles conjugates binding with glycan - A strategic approach for targeted drug delivery. 2019 , 126, 74-90		10
266	Membrane-active antimicrobial peptide identified in <i>Rana arvalis</i> by targeted DNA sequencing. 2019 , 1861, 651-659		7
265	Grafting, Stripping and Stapling of Helical Peptides from the Dimerization Interface of ONFH-Related Bone Morphogenetic Protein-2. 2019 , 38, 12-22		4
264	Domain analysis of PNKP-XRCC1 interactions: Influence of genetic variants of XRCC1. <i>Journal of Biological Chemistry</i> , 2019 , 294, 520-530	5.4	5
263	Ethambutol targets the glutamate racemase of <i>Mycobacterium tuberculosis</i> -an enzyme involved in peptidoglycan biosynthesis. 2019 , 103, 843-851		11
262	Design and structural characterisation of monomeric water-soluble helix and hairpin peptides: State-of-the-art. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 661, 149-167	4.1	10
261	The cell cycle regulator GpsB functions as cytosolic adaptor for multiple cell wall enzymes. 2019 , 10, 261		25
260	Purification and Characterization of a Cadmium-Binding Protein from <i>Lentinula edodes</i> . 2019 , 67, 1261-1268		6
259	Conformational and physicochemical properties of quinoa proteins affected by different conditions of high-intensity ultrasound treatments. 2019 , 51, 186-196		41
258	Folding of poly-amino acids and intrinsically disordered proteins in overcrowded milieu induced by pH change. 2019 , 125, 244-255		7
257	Genetic Code Evolution Investigated through the Synthesis and Characterisation of Proteins from Reduced-Alphabet Libraries. 2019 , 20, 846-856		10

256	A comparison of activity, toxicity, and conformation of tritrypticin and two TOAC-labeled analogues. Effects on the mechanism of action. 2020 , 1862, 183110	6
255	Rational De Novo Design of a Cu Metalloenzyme for Superoxide Dismutation. 2020 , 26, 249-258	7
254	Aggregation selectivity of amyloid β -11 peptide in aqueous ionic liquid solutions. 2020 , 112, e24138	3
253	Molecular modeling and rational design of hydrocarbon-stapled/halogenated helical peptides targeting CETP self-binding site: Therapeutic implication for atherosclerosis. 2020 , 94, 107455	1
252	Assessing the effect of aromatic residue placement on the β helical peptide structure and nanofibril formation of 21-mer peptides. 2020 , 5, 521-531	2
251	Redox Characterization of Electrode-Immobilized Bacterial Microcompartment Shell Proteins Engineered To Bind Metal Centers.. 2020 , 3, 685-692	6
250	Self-assembly of the bZIP transcription factor FosB. 2020 , 2, 1-13	1
249	Repurposing a peptide toxin from wasp venom into antiinfectives with dual antimicrobial and immunomodulatory properties. 2020 , 117, 26936-26945	21
248	Targeting a helix-in-groove interaction between E1 and E2 blocks ubiquitin transfer. 2020 , 16, 1218-1226	1
247	Conformational Changes of Anoplin, W-MreB, and (KFF)K Peptides near the Membranes. 2020 , 21,	2
246	Cationic amphipathic peptide analogs of cathelicidin LL-37 as a probe in the development of antimicrobial/anticancer agents. 2020 , 26, e3254	4
245	A modular approach for organizing dimeric coiled coils on peptoid oligomer scaffolds. 2020 , 18, 2312-2320	1
244	Novel Stapling by Lysine Tethering Provides Stable and Low Hemolytic Cationic Antimicrobial Peptides. 2020 , 63, 4081-4089	15
243	Inhibition of SARS-CoV-2 (previously 2019-nCoV) infection by a highly potent pan-coronavirus fusion inhibitor targeting its spike protein that harbors a high capacity to mediate membrane fusion. 2020 , 30, 343-355	745
242	Conformational Switching in Bcl-xL: Enabling Non-Canonical Inhibition of Apoptosis Involves Multiple Intermediates and Lipid Interactions. 2020 , 9,	2
241	Helix Dipole and Membrane Electrostatics Delineate Conformational Transitions in the Self-Assembly of Amyloidogenic Peptides. 2020 , 36, 8389-8397	1
240	Effect of Phosphorylation on the Structural Behaviour of Peptides Derived from the Intrinsically Disordered C-Terminal Domain of Histone H1.0. 2020 , 26, 5970-5981	6
239	The anti-oxidant enzyme, Prdx6 might have cis-acting regulatory sequence(s). 2020 , 149, 1139-1150	1

238	Thermodynamics of the Interaction Between Graphene Quantum Dots with Human Serum Albumin and β Globulins. 2020 , 49, 100-116		2
237	Screening of natural compounds that targets glutamate racemase of <i>Mycobacterium tuberculosis</i> reveals the anti-tubercular potential of flavonoids. <i>Scientific Reports</i> , 2020 , 10, 949	4.9	13
236	Removal of Dodecyl Sulfate Ions Bound to Human and Bovine Serum Albumins Using Sodium Cholate. 2020 , 69, 65-72		2
235	Revealing the Mode of Action of Halictine Antimicrobial Peptides: A Comprehensive Study with Model Membranes. 2020 , 36, 5145-5155		4
234	Membrane interactions of the anuran antimicrobial peptide HSP1-NH: Different aspects of the association to anionic and zwitterionic biomimetic systems. 2021 , 1863, 183449		
233	Antimicrobial and Anticancer Properties of Synthetic Peptides Derived from the Wasp <i>Parachartergus fraternus</i> . 2021 , 22, 1415-1423		2
232	Characterization of novel human intragenic antimicrobial peptides, incorporation and release studies from ureasil-polyether hybrid matrix. 2021 , 119, 111581		4
231	The muscle-relaxing C-terminal peptide from troponin I populates a nascent helix, facilitating binding to tropomyosin with a potent therapeutic effect. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100228	5.4	1
230	Novel anoplins-based (lipo)-peptide models show potent antimicrobial activity. 2021 , 27, e3303		
229	A Novel Artificially Humanized Anti-Cripto-1 Antibody Suppressing Cancer Cell Growth. 2021 , 22,		3
228	Designed folding pathway of modular coiled-coil-based proteins. 2021 , 12, 940		2
227	Self-assembly and regulation of protein cages from pre-organised coiled-coil modules. 2021 , 12, 939		6
226	The isolated GTPase-activating-protein-related domain of neurofibromin-1 has a low conformational stability in solution. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 700, 108767	4.1	1
225	Evaluation of β Chitosan from Crab Shell and β Chitosan from Squid Gladius Based on Biochemistry Performance. 2021 , 11, 3183		2
224	A novel peptide design aids in the expression and its simplified process of manufacturing of Insulin Glargine in <i>Pichia pastoris</i> . 2021 , 105, 3061-3074		1
223	Green electrospinning for biomaterials and biofabrication. 2021 , 13,		10
222	Hydrophobic Tagging-Mediated Degradation of Transcription Coactivator SRC-1. 2021 , 22,		2
221	Membrane anchoring of a curvature-inducing peptide, EpN18, promotes membrane translocation of octaarginine. 2021 , 43, 128103		0

220	Stability of HA2 Prefusion Structure and pH-Induced Conformational Changes in the HA2 Domain of H3N2 Hemagglutinin. <i>Biochemistry</i> , 2021 , 60, 2623-2636	3.2	0
219	Insulin-loaded liposomes functionalized with cell-penetrating peptides: influence on drug release and permeation through porcine nasal mucosa. 2021 , 622, 126624		4
218	Targeting the membrane fusion event of human respiratory syncytial virus with rationally designed Helical hairpin traps. 2021 , 280, 119695		1
217	Membrane binding properties of the C-terminal segment of retinol dehydrogenase 8. 2021 , 1863, 183605		1
216	Synthesis and characterization of Pd(II) antitumor complex, DFT calculation and DNA/BSA binding insight through the combined experimental and theoretical aspects. 2021 , 1240, 130535		6
215	Membrane partitioning and lipid selectivity of the N-terminal amphipathic H0 helices of endophilin isoforms. 2021 , 1863, 183660		
214	Structural definition of the discrete hotspot sites of BMP-2 conformational wrist epitope and rational design of the hotspot-derived osteogenic peptides against chondrocyte senescence. 2021 , 116, 105382		1
213	Anti-biofilm and anti-inflammatory effects of Lycosin-II isolated from spiders against multi-drug resistant bacteria. 2022 , 1864, 183769		2
212	7 Circular dichroism (CD) parameters and secondary structure estimates of proteins. 7001-7018		3
211	Biochemical Methods (Proteins). 1980 , 145-184		3
210	Recombinant DNA Technology and Characterization of Recombinant Alpha-2 Interferon. 1985 , 1-12		2
209	Physical Studies of Peptide Bilayer Interactions. 1994 , 283-313		8
208	Chiroptical Methods. 1994 , 15-64		3
207	Physical Equilibria: Proteins. 1988 , 461-510		32
206	Molecular Aspects of the Subunit Assembly of Glycoprotein Hormones. 1978 , 381-414		11
205	Chiroptical Methods and Their Applications to Biomolecular Systems. 1982 , 269-303		3
204	FTIR Investigations on Orientation of Protein Secondary Structures and Primary Reactions in Photosynthesis. 1989 , 17-34		2
203	X-ray analysis and circular dichroism of the acid protease from <i>Endothia parasitica</i> and chymosin. 1977 , 95, 43-60		19

202	Differentiation between Transmembrane Helices and Peripheral Helices by the Deconvolution of Circular Dichroism Spectra of Membrane Proteins. 1996 , 381-412		9
201	Enkephalins, Endorphins, and Other Opioid Peptides. 1986 , 333-384		2
200	Structural information on proteins from circular dichroism spectroscopy possibilities and limitations. 1995 , 7, 65-100		19
199	Interactions of amphipathic CPPs with model membranes. 2011 , 683, 41-56		15
198	Conformational Analysis of Snake Toxins by Laser Raman Spectroscopy. 1979 , 139-152		2
197	Circular dichroism measurement of peptide helix unfolding. 1988 , 15-20		3
196	Polarized Infrared Spectroscopy of Bacterial Reaction Centers: The LMH and LM Complexes in Reconstituted Membrane. 1984 , 177-180		3
195	On the Structure and Genetics of the Proteolipid Subunit of the ATP Synthase Complex. 1981 , 1-64		199
194	CONFORMATIONAL STUDIES OF PEPTIDES CORRESPONDING TO THE LDL RECEPTOR CYTOPLASMIC TAIL AND TRANSMEMBRANE DOMAIN. 1990 , 331-338		1
193	Spectroscopic and Calorimetric Methods for Characterizing Proteins and Peptides. 1996 , 231-263		2
192	QUANTITATIVE DETERMINATION OF THE SECONDARY STRUCTURE OF PROTEINS IN SOLUTION BY LASER RAMAN SCATTERING. 1981 , 45-58		4
191	Molecular properties of a major cell surface protein from chick embryo fibroblasts. <i>Journal of Biological Chemistry</i> , 1978 , 253, 5820-5824	5-4	73
190	Proteolytic fragments of troponin C. Localization of high and low affinity Ca ²⁺ binding sites and interactions with troponin I and troponin T. <i>Journal of Biological Chemistry</i> , 1978 , 253, 5452-5459	5-4	152
189	Channel formation properties of synthetic pardaxin and analogues. <i>Journal of Biological Chemistry</i> , 1990 , 265, 20202-20209	5-4	146
188	Characterization of the structure and membrane interaction of NH ₂ -terminal domain of thromboxane A ₂ synthase.. <i>Journal of Biological Chemistry</i> , 1994 , 269, 20938-20942	5-4	13
187	NADPH-cytochrome P-450 reductase. Circular dichroism and physical studies.. <i>Journal of Biological Chemistry</i> , 1977 , 252, 437-443	5-4	40
186	Conformational relevance of the beta ₆ Glu replaced by Val mutation in the beta subunits and in the beta(1-55) and beta(1-30) peptides of hemoglobin S.. <i>Journal of Biological Chemistry</i> , 1976 , 251, 4968-4974	5-4	19
185	Resistance of lipophilin, a hydrophobic myelin protein, to denaturation by urea and guanidinium salts.. <i>Journal of Biological Chemistry</i> , 1978 , 253, 8019-8026	5-4	19

184	Structural and functional properties of the membrane binding segment of cytochrome b5.. <i>Journal of Biological Chemistry</i> , 1978 , 253, 8203-8209	5-4	59
183	The stability of cell surface protein to surfactants and denaturants. <i>Journal of Biological Chemistry</i> , 1978 , 253, 7787-7790	5-4	28
182	Calcium-induced conformational changes in a cyanogen bromide fragment of troponin C that contains one of the binding sites.. <i>Journal of Biological Chemistry</i> , 1978 , 253, 5971-5974	5-4	40
181	The use of circular dichroism to study conformational changes induced in Sendai virus envelope glycoproteins. A correlation with the viral fusogenic activity.. <i>Journal of Biological Chemistry</i> , 1986 , 261, 2235-2239	5-4	25
180	Design and synthesis of amphipathic 3(10)-helical peptides and their interactions with phospholipid bilayers and ion channel formation.. <i>Journal of Biological Chemistry</i> , 1994 , 269, 4928-4933	5-4	37
179	The structure and stability of human plasma cold-insoluble globulin.. <i>Journal of Biological Chemistry</i> , 1979 , 254, 1501-1505	5-4	141
178	Purification and characterization of the aspartate chemoreceptor.. <i>Journal of Biological Chemistry</i> , 1985 , 260, 11706-11710	5-4	51
177	Proteolytic fragments identified with domains of the aspartate chemoreceptor.. <i>Journal of Biological Chemistry</i> , 1985 , 260, 11711-11718	5-4	47
176	Amino acid sequence and secondary structural analysis of the corn inhibitor of trypsin and activated Hageman Factor.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 8412-8416	5-4	87
175	Semisynthetic derivatives of glucagon. The contribution of histidine-1 to hormone conformation and activity.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 7031-7037	5-4	8
174	A structure/activity study of calcium affinity and selectivity using a synthetic peptide model of the helix-loop-helix calcium-binding motif.. <i>Journal of Biological Chemistry</i> , 1994 , 269, 1641-1647	5-4	43
173	The activation of rat liver phenylalanine hydroxylase by limited proteolysis, lysolecithin, and tocopherol phosphate. Changes in conformation and catalytic properties.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 14560-14566	5-4	56
172	Dependence of the conformation of a colicin E1 channel-forming peptide on acidic pH and solvent polarity.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 7682-7687	5-4	39
171	Purification and properties of thiol beta-lactamase. A mutant of pBR322 beta-lactamase in which the active site serine has been replaced with cysteine.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 5327-5332	5-4	50
170	Predictions of the secondary structure of antithrombin III and the location of the heparin-binding site.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 2531-2536	5-4	54
169	Tricarboxylate-binding proteins of <i>Salmonella typhimurium</i> . Purification, crystallization, and physical properties.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 1586-1592	5-4	30
168	Physicochemical and kinetic properties of acid phosphatase from <i>Saccharomyces cerevisiae</i> .. <i>Journal of Biological Chemistry</i> , 1984 , 259, 878-883	5-4	46
167	Cooperative binding of calcium to thrombospondin. The effect of calcium on the circular dichroism and limited tryptic digestion of thrombospondin.. <i>Journal of Biological Chemistry</i> , 1983 , 258, 12098-12107	5-4	72

166	The reconstitution of denatured phosphoglycerate mutase.. <i>Journal of Biological Chemistry</i> , 1983 , 258, 11014-11019	5-4	27
165	The activation of human complement component C5 by a fluid phase C5 convertase.. <i>Journal of Biological Chemistry</i> , 1983 , 258, 10629-10636	5-4	94
164	Regeneration of the native bacteriorhodopsin structure from two chymotryptic fragments.. <i>Journal of Biological Chemistry</i> , 1983 , 258, 9949-9955	5-4	91
163	Purification and characterization of potato lectin.. <i>Journal of Biological Chemistry</i> , 1983 , 258, 2886-2891	5-4	37
162	Tryptic fragments of calmodulin. Ca ²⁺ - and Mg ²⁺ -induced conformational changes.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 11584-11590	5-4	73
161	A structural model for maize zein proteins.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 9984-9990	5-4	315
160	Interaction of liver clathrin coat protein with lipid model membranes.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 8533-8540	5-4	24
159	Characterization of pink and purple uteroferrin by resonance Raman and CD spectroscopy.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 3766-3770	5-4	58
158	On a domain structure of colicin E1. A COOH-terminal peptide fragment active in membrane depolarization.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 3857-3863	5-4	73
157	Hydrophobic labeling, isolation, and partial characterization of the NH ₂ -terminal membranous segment of sucrase-isomaltase complex.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 2370-2377	5-4	48
156	Analysis of the perturbation of phospholipid model membranes by rhodanese and its presequence.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 24193-24198	5-4	24
155	Conformational studies of the interdomain linker peptides in the dihydrolipoyl acetyltransferase component of the pyruvate dehydrogenase multienzyme complex of <i>Escherichia coli</i> .. <i>Journal of Biological Chemistry</i> , 1992 , 267, 23484-23488	5-4	33
154	The N,O-diacetylmuramidase of <i>Chalaropsis</i> species. Circular dichroism studies.. <i>Journal of Biological Chemistry</i> , 1979 , 254, 7772-7777	5-4	33
153	Location of helical regions in tetrapyrrole-containing proteins by a helical hydrophobic moment analysis. Application to phytochrome.. <i>Journal of Biological Chemistry</i> , 1990 , 265, 17568-17575	5-4	17
152	Spectroscopic evidence for ligand-induced conformational change in NADP ⁺ :isocitrate dehydrogenase.. <i>Journal of Biological Chemistry</i> , 1990 , 265, 17644-17648	5-4	14
151	Structure-function analysis of the C-terminal segment of human interleukin-6.. <i>Journal of Biological Chemistry</i> , 1993 , 268, 22377-22384	5-4	21
150	ATP hydrolysis is not stoichiometrically linked with proteolysis in the ATP-dependent protease La from <i>Escherichia coli</i> .. <i>Journal of Biological Chemistry</i> , 1993 , 268, 22502-22507	5-4	38
149	Micelle-bound conformational preferences of a peptide derived from a murine major histocompatibility complex class I molecule.. <i>Journal of Biological Chemistry</i> , 1993 , 268, 22830-22837	5-4	3

148	Human factor XII (Hageman factor) autoactivation by dextran sulfate. Circular dichroism, fluorescence, and ultraviolet difference spectroscopic studies.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 19691-19697	5-4	96
147	The amino terminus of ADP-ribosylation factor (ARF) is a critical determinant of ARF activities and is a potent and specific inhibitor of protein transport.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 13039-13046	5-4	185
146	Secondary structures of a new class of lipid body proteins from oilseeds.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 8245-8253	5-4	53
145	Assembly of synthetic laminin peptides into a triple-stranded coiled-coil structure.. <i>Journal of Biological Chemistry</i> , 1994 , 269, 30386-30392	5-4	27
144	The binding of calcium to the activation products of bovine factor IX.. <i>Journal of Biological Chemistry</i> , 1979 , 254, 6333-6336	5-4	22
143	Acanthamoeba profilin. A protein of low molecular weight from Acanthamoeba castellanii that inhibits actin nucleation.. <i>Journal of Biological Chemistry</i> , 1979 , 254, 6174-6179	5-4	101
142	Amphipathic alpha-helical structure does not predict the ability of receptor-derived synthetic peptides to interact with guanine nucleotide-binding regulatory proteins.. <i>Journal of Biological Chemistry</i> , 1993 , 268, 4637-4642	5-4	52
141	The presequence of rat liver aldehyde dehydrogenase requires the presence of an alpha-helix at its N-terminal region which is stabilized by the helix at its C termini.. <i>Journal of Biological Chemistry</i> , 1993 , 268, 4759-4765	5-4	38
140	pH-dependent pore formation properties of pardaxin analogues.. <i>Journal of Biological Chemistry</i> , 1991 , 266, 22346-22354	5-4	48
139	Interaction of peptides corresponding to mitochondrial presequences with membranes.. <i>Journal of Biological Chemistry</i> , 1991 , 266, 21693-21699	5-4	27
138	Structure-Function Relationships in a Winter Flounder Antifreeze Polypeptide. <i>Journal of Biological Chemistry</i> , 1989 , 264, 11307-11312	5-4	31
137	Circular dichroism investigation of Escherichia coli adenylate kinase.. <i>Journal of Biological Chemistry</i> , 1987 , 262, 2502-2506	5-4	18
136	Conservative replacement of methionine by norleucine in Escherichia coli adenylate kinase.. <i>Journal of Biological Chemistry</i> , 1988 , 263, 8204-8209	5-4	48
135	Functional interaction between Cerebratulus lacteus cytolysin A-III and phospholipase A2. Implications for the mechanism of cytolysis.. <i>Journal of Biological Chemistry</i> , 1988 , 263, 6619-6624	5-4	11
134	Characterization of the interfacial behavior and structure of the signal sequence of Escherichia coli outer membrane pore protein PhoE.. <i>Journal of Biological Chemistry</i> , 1988 , 263, 4202-4207	5-4	60
133	Archaeobacterial Histone-like Proteins. <i>Journal of Biological Chemistry</i> , 1989 , 264, 17298-17308	5-4	20
132	Regulation of Gi and Go by mastoparan, related amphiphilic peptides, and hydrophobic amines. Mechanism and structural determinants of activity.. <i>Journal of Biological Chemistry</i> , 1990 , 265, 14176-14186	5-4	461
131	Conservation of human fibrinogen conformation after cleavage of the B beta chain NH2 terminus.. <i>Journal of Biological Chemistry</i> , 1985 , 260, 2994-3000	5-4	36

- 130 The interaction of calmodulin with amphiphilic peptides.. *Journal of Biological Chemistry*, **1985**, 260, 2527-2534
- 129 Synthesis of a model protein of defined secondary and quaternary structure. Effect of chain length on the stabilization and formation of two-stranded alpha-helical coiled-coils.. *Journal of Biological Chemistry*, **1984**, 259, 13253-13261 5.4 432
- 128 Heterogeneity of human plasma lipoprotein (a). Isolation and characterization of the lipoprotein subspecies and their apoproteins.. *Journal of Biological Chemistry*, **1984**, 259, 11470-11478 5.4 213
- 127 The importance of the amino terminus of the mitochondrial precursor protein apocytochrome c for translocation across model membranes. *Journal of Biological Chemistry*, **1989**, 264, 2292-2301 5.4 50
- 126 A peptide corresponding to an export-defective mutant OmpA signal sequence with asparagine in the hydrophobic core is unable to insert into model membranes. *Journal of Biological Chemistry*, **1991**, 266, 14406-14412 5.4 28
- 125 Mutagenesis of *Cerebratulus lacteus* neurotoxin B-IV identifies NH₂-terminal sequences important for biological activity. *Journal of Biological Chemistry*, **1991**, 266, 12884-12888 5.4 10
- 124 Structural and catalytic properties of a deletion derivative (delta 133-157) of *Escherichia coli* adenylate kinase. *Journal of Biological Chemistry*, **1991**, 266, 10781-10786 5.4 15
- 123 Synthetic fragments of calmodulin calcium-binding site III. A test of the acid pair hypothesis.. *Journal of Biological Chemistry*, **1990**, 265, 5971-5976 5.4 24
- 122 Comparison of helix stability in wild-type and mutant LamB signal sequences.. *Journal of Biological Chemistry*, **1990**, 265, 3851-3858 5.4 42
- 121 Substrate and DNA binding to a 50-residue peptide fragment of DNA polymerase I. *Journal of Biological Chemistry*, **1989**, 264, 19637-19647 5.4 23
- 120 Cloning and expression of wild-type and mutant forms of the cardiotoxic polypeptide anaphropeurin B.. *Journal of Biological Chemistry*, **1992**, 267, 13958-13963 5.4 27
- 119 Structure-function relationships in an antifreeze polypeptide. The role of neutral, polar amino acids.. *Journal of Biological Chemistry*, **1992**, 267, 14102-14108 5.4 58
- 118 Insertion and folding of the amino-terminal amphiphilic signal sequences of the mannitol and glucitol permeases of *Escherichia coli*.. *Journal of Biological Chemistry*, **1992**, 267, 11017-11022 5.4 17
- 117 A motif in human histidyl-tRNA synthetase which is shared among several aminoacyl-tRNA synthetases is a coiled-coil that is essential for enzymatic activity and contains the major autoantigenic epitope.. *Journal of Biological Chemistry*, **1994**, 269, 24277-24283 5.4 62
- 116 Characterization of a fatty acid-binding protein from rat heart.. *Journal of Biological Chemistry*, **1986**, 261, 5584-5589 5.4 85
- 115 Structural changes induced by calcium and magnesium in a high affinity calcium-binding protein from crayfish sarcoplasm.. *Journal of Biological Chemistry*, **1981**, 256, 11538-11544 5.4 14
- 114 Solution physicochemical properties of bovine beta 2-microglobulin. Aggregation states.. *Journal of Biological Chemistry*, **1981**, 256, 10949-10953 5.4 13
- 113 Preparation and some properties of equine platelet tropomyosin.. *Journal of Biological Chemistry*, **1981**, 256, 11004-11010 5.4 39

- 112 A conformational study of thioredoxin and its tryptic fragments.. *Journal of Biological Chemistry*, **1981**, 256, 6796-6803 5-4 73
- 111 A label selection procedure for determining the location of protein-protein interaction sites by cross-linking with bisimidoesters. Application to lactose synthase.. *Journal of Biological Chemistry*, **1981**, 256, 4193-4204 5-4 25
- 110 Refolding of an integral membrane protein. Denaturation, renaturation, and reconstitution of intact bacteriorhodopsin and two proteolytic fragments.. *Journal of Biological Chemistry*, **1981**, 256, 3802-3809 5-4 261
- 109 Activation of the Sendai virus fusion protein (F) involves a conformational change with exposure of a new hydrophobic region.. *Journal of Biological Chemistry*, **1981**, 256, 3557-3563 5-4 107
- 108 Calcium-induced protein folding. Structure-affinity relationships in synthetic analogs of the helix-loop-helix calcium binding unit.. *Journal of Biological Chemistry*, **1981**, 256, 2742-2751 5-4 76
- 107 Synthetic model for two-stranded alpha-helical coiled-coils. Design, synthesis, and characterization of an 86-residue analog of tropomyosin.. *Journal of Biological Chemistry*, **1981**, 256, 1214-1224 5-4 144
- 106 The eighth component of human complement. Purification and physicochemical characterization of its unusual subunit structure.. *Journal of Biological Chemistry*, **1980**, 255, 11997-12005 5-4 94
- 105 Binding of the eighth component of human complement to the soluble cytolytic complex is mediated by its beta subunit.. *Journal of Biological Chemistry*, **1980**, 255, 10579-10582 5-4 30
- 104 Nature of the cysteinyl residues in lipophilin from human myelin.. *Journal of Biological Chemistry*, **1980**, 255, 9182-9188 5-4 32
- 103 The conformational properties of human plasma apolipoprotein C-II. A spectroscopic study.. *Journal of Biological Chemistry*, **1980**, 255, 8185-8191 5-4 55
- 102 Engineered topographic determinants with alpha beta, beta alpha beta, and beta alpha beta alpha topologies show high affinity binding to native protein antigen (lactate dehydrogenase-C4).. *Journal of Biological Chemistry*, **1993**, 268, 25285-25295 5-4 34
- 101 Structure and stability of human thyroxine-binding globulin. *Journal of Biological Chemistry*, **1977**, 252, 8719-8723 5-4 24
- 100 Electrostatic and hydrophobic interactions of the intermediate filament protein vimentin and its amino terminus with lipid bilayers.. *Journal of Biological Chemistry*, **1987**, 262, 13742-13749 5-4 63
- 99 Specific binding to isolated acetylcholine receptor of a synthetic peptide duplicating the sequence of the presumed active center of a lethal toxin from snake venom.. *Journal of Biological Chemistry*, **1982**, 257, 2901-2907 5-4 29
- 98 Membrane incorporation and induction of secondary structure of synthetic peptides corresponding to the N-terminal signal sequences of the glucitol and mannitol permeases of *Escherichia coli*. *Journal of Biological Chemistry*, **1989**, 264, 2587-2592 5-4 25
- 97 Physicochemical properties of apolipoprotein(a) and lipoprotein(a-) derived from the dissociation of human plasma lipoprotein (a).. *Journal of Biological Chemistry*, **1986**, 261, 8712-8718 5-4 204
- 96 Cloning and expression of a synthetic gene for *Cerebratulus lacteus* neurotoxin B-IV. *Journal of Biological Chemistry*, **1989**, 264, 15268-15273 5-4 29
- 95 Conformational Flexibility and Folding of Synthetic Peptides Representing an Interdomain Segment of Polypeptide Chain in the Pyruvate Dehydrogenase Multienzyme Complex of *Escherichia coli*. *Journal of Biological Chemistry*, **1989**, 264, 767-775 5-4 60

94	Synthetic analog of a high affinity calcium binding site in rabbit skeletal troponin C.. <i>Journal of Biological Chemistry</i> , 1980 , 255, 3642-3646	5-4	31
93	Iron binding by phosvitin and its conformational consequences.. <i>Journal of Biological Chemistry</i> , 1980 , 255, 2976-2985	5-4	50
92	Extent and localization of conformational changes in troponin C caused by calcium binding. Spectral studies in the presence and absence of 6 M urea.. <i>Journal of Biological Chemistry</i> , 1979 , 254, 12732-12737	5-4	35
91	Isolation and characterization of the three major low density lipoproteins from normolipidemic rhesus monkeys (<i>Macaca mulatta</i>).. <i>Journal of Biological Chemistry</i> , 1979 , 254, 8653-8661	5-4	30
90	5-Hydroxytryptamine _{1A} receptor synthetic peptides. Mechanisms of adenylyl cyclase inhibition. <i>Journal of Biological Chemistry</i> , 1994 , 269, 16720-16725	5-4	52
89	Prediction of secondary structure for Eco RI endonuclease.. <i>Journal of Biological Chemistry</i> , 1984 , 259, 11666-11667	5-4	14
88	High-Resolution Insights into the Stepwise Self-Assembly of Nanofiber from Bioactive Peptides. 2017 , 121, 7421-7430		12
87	Inhibition of SARS-CoV-2 infection (previously 2019-nCoV) by a highly potent pan-coronavirus fusion inhibitor targeting its spike protein that harbors a high capacity to mediate membrane fusion.		4
86	Structural and functional characterization of proteolytic fragments derived from the C-terminal regions of bovine fibrinogen. 1995 , 229, 605-14		8
85	Folding of protein G B1 domain studied by the conformational characterization of fragments comprising its secondary structure elements. 1995 , 230, 634-49		154
84	The basic subdomain of the c-Jun oncoprotein. A joint CD, Fourier-transform infrared and NMR study. 1995 , 231, 370-80		10
83	Conformational studies of osteocalcin in solution. 1995 , 232, 515-21		31
82	Alcohol dehydrogenase from <i>Rhizopus javanicus</i> . 1979 , 37, 1073-8		6
81	Requirement of calcium ions for cell degeneration with a toxin (vibriolysin) from <i>Vibrio parahaemolyticus</i> . 1978 , 22, 821-32		13
80	Comparative biochemical studies on F and EDP208 conjugative pili. 1980 , 141, 333-41		34
79	Evidence for an interaction between the membrane protein of a paramyxovirus and actin. 1982 , 42, 963-8		105
78	Human T-lymphotropic virus type 1 peptides in chimeric and multivalent constructs with promiscuous T-cell epitopes enhance immunogenicity and overcome genetic restriction. 1995 , 69, 6077-89		53
77	The vaccinia virus 14-kilodalton (A27L) fusion protein forms a triple coiled-coil structure and interacts with the 21-kilodalton (A17L) virus membrane protein through a C-terminal alpha-helix. 1998 , 72, 10126-37		52

76	An arginine-faced amphipathic alpha helix is required for adenovirus type 5 e4orf6 protein function. 1999 , 73, 4600-10		33
75	A sulfur-free peptide mimic of surfactant protein B (B-YL) exhibits high in vitro and in vivo surface activities. <i>Gates Open Research</i> , 2018 , 2, 13	2.4	5
74	Hybrids of the bHLH and bZIP protein motifs display different DNA-binding activities in vivo vs. in vitro. 2008 , 3, e3514		11
73	A direct interaction with NEDD1 regulates gamma-tubulin recruitment to the centrosome. 2010 , 5, e9618		32
72	Crystal structure of the minimalist Max-E47 protein chimera. 2012 , 7, e32136		12
71	Dynamics and conformational studies of TOAC spin labeled analogues of Ctx(Ile(21))-Ha peptide from <i>Hypsiboas albopunctatus</i> . 2013 , 8, e60818		23
70	Structural basis for the oligomerization-state switch from a dimer to a trimer of an engineered cortexillin-1 coiled-coil variant. 2013 , 8, e63370		1
69	Unfolding simulations of holomyoglobin from four mammals: identification of intermediates and β -sheet formation from partially unfolded states. 2013 , 8, e80308		15
68	Synthesis and Evaluation of Biological Activity of Antimicrobial--Pro-Proliferative Peptide Conjugates. 2015 , 10, e0140377		14
67	Study of structure-activity relationship in Aurein 1.2 analogs. 2011 , 14, 729-35		4
66	Effect of gamma-irradiation on the molecular properties of myoglobin. 2002 , 35, 590-4		48
65	The RNF168 paralog RNF169 defines a new class of ubiquitylated histone reader involved in the response to DNA damage. 2017 , 6,		30
64	Characterization of Conjugates between β -Lactalbumin and Benzyl Isothiocyanate-Effects on Molecular Structure and Proteolytic Stability. 2021 , 26,		1
63	Residual Helicity at the Active Site of the Histidine Phosphocarrier, HPr, Modulates Binding Affinity to Its Natural Partners. 2021 , 22,		1
62	Singular value decomposition analysis of the secondary structure features contributing to the circular dichroism spectra of model proteins. 2021 , 28, 101153		1
61	Genetically Engineered Protein Domains as Hydrogel Crosslinks. 2000 ,		
60	Light and Life. 2001 , 1273-1357		
59	A Study on Red Blood Cells of the Patients with Cyanotic Congenital Heart Disease. 2002 , 257-260		

- 58 Synthesis, biosynthesis, and characterization of transmembrane domains of a G protein-coupled receptor. **2007**, 386, 95-121 1
- 57 Light in Biology. **1977**, 744-804
- 56 CONFORMATIONAL EFFECTS OF THE H β S MUTATION¹¹This work was supported by Public Health Service Grants HL 16891 and HL 13164.²²Abbreviations: IHP, inositol hexaphosphate; α , polypeptide chains from hemoglobin A; β , polypeptide chains from hemoglobin S; α (1 β 5), polypeptide corresponding to the residue 1 β 5 of α globin; β (1 β 5), polypeptide corresponding to the residue 1 β 5 of β globin. **1978**, 299-310
- 55 Circular Dichroism of Pituitary Hormones. **1979**, 155-213
- 54 QUANTITATIVE CHARACTERIZATION OF PROTEIN CONFORMATION IN SOLUTION BY VACUUM ULTRAVIOLET CIRCULAR DICHROISM. **1981**, 31-43 1
- 53 Concept of a Heme-Binding Domain in Relation to Gene Structure. **1982**, 191-197
- 52 Structural And Functional Studies on c-P21, v-P21 and the Genetically Engineered Guanine Nucleotide Binding Domain of EF-Tu. **1989**, 215-227
- 51 Histone H1 Solution Structure and the Sealing of Mammalian Nucleosome. **1989**, 221-241 2
- 50 Circular Dichroism of Pigment-Protein Complexes of Higher Plants. **1990**, 1241-1244
- 49 Distinguishing Transmembrane Helices from Peripheral Helices by Circular Dichroism. **1992**, 17-38
- 48 Conformations of wild-type and mutant OmpA signal sequences in membrane mimetic environments. **1992**, 265-267
- 47 De novo design of a coiled-coil stem-loop peptide. **1994**, 1060-1062
- 46 Use of De Novo Designed Peptides for the Study of Metalloproteins and Enzymes. **1995**, 275-285
- 45 Light Induced Changes in Photosynthetic Pigment-Protein Complexes Detected by Synchrotron Radiation. **1995**, 679-682
- 44 CD studies of uteroglobin fragments. **1995**, 570-571 1
- 43 Effect of the N-terminal modification on the stability of β helix in the C-terminal fragment of neuropeptide Y. **1995**, 555-556
- 42 Disulfide-bond contribution to secondary structure formation of the C-terminal fragment of neuropeptide Y. **1995**, 553-554
- 41 Genetically Expressed Monodisperse β Helical Polypeptides. **1996**, 159-169

40	Radical Maquettes as Models of Radical Enzymes. 1998 , 4221-4224		
39	A General Approach to Deciphering How Proteins Work Using Synthetic Chemistry and Mass Spectrometry. 1998 , 1-16		
38	Protein Conformation in Reverse Micelle Environment. 2015 , 6130-6144		
37	An oxidation-resistant peptide mimic of surfactant protein B (B-YL) forms an amphipathic helix-hairpin in liposomes with high surface activity. <i>Gates Open Research</i> , 2 , 13	2.4	1
36	Circularly polarized lasing of ultraviolet plasmonic gammadion nanocavity. 2019 ,		
35	Combining rational design and continuous evolution on minimalist proteins that target DNA.		1
34	Systematic Design and Validation of Ion Channel Stabilization of Amphipathic Helical Peptides Incorporating Tryptophan Residues. <i>ACS Omega</i> , 2021 , 6, 723-732	3.9	1
33	Helical propensity of Ala-based peptides in organic solvents. 1999 , 232-234		
32	Conformational studies of a detergent-bound transmembrane segment of the rat bradykinin receptor. 2002 , 385-386		
31	Table 7.VI. 7158-7179		
30	References for 7. 7198-7232		
29	Interaction of apoA-II from human high density lipoprotein with lysolecithin.. <i>Journal of Biological Chemistry</i> , 1977 , 252, 3684-3688	5.4	7
28	Molecular mechanism of in vitro 30 S ribosome assembly. II. Conformational changes of ribosomal proteins.. <i>Journal of Biological Chemistry</i> , 1979 , 254, 7712-7716	5.4	2
27	Secondary structure in very low density and intermediate density lipoproteins of human serum.. <i>Journal of Lipid Research</i> , 1979 , 20, 481-488	6.3	6
26	Amphiphilicity is essential for mitochondrial presequence function. <i>EMBO Journal</i> , 1988 , 7, 649-53	13	84
25	Interaction between domains in chromosomal protein HMG-1. <i>EMBO Journal</i> , 1984 , 3, 1255-61	13	11
24	In vitro binding of LexA repressor to DNA: evidence for the involvement of the amino-terminal domain. <i>EMBO Journal</i> , 1986 , 5, 793-8	13	20
23	A chemically synthesized pre-sequence of an imported mitochondrial protein can form an amphiphilic helix and perturb natural and artificial phospholipid bilayers. <i>EMBO Journal</i> , 1986 , 5, 1327-34 ¹³		13 ⁰

22	Co-operation between the PAI and RED subdomains of Pax-8 in the interaction with the thyroglobulin promoter. <i>Biochemical Journal</i> , 1999 , 337 (Pt 2), 253-62	3.8	12
21	Characterization of the unique function of a reduced amide bond in a cytolytic peptide that acts on phospholipid membranes. <i>Biochemical Journal</i> , 2000 , 352 Pt 3, 659-66	3.8	2
20	Application of circular dichroism spectroscopy in studying protein folding, stability, and interaction. 2022 , 213-224		0
19	Biochemical and biophysical characterization of PADI4 supports its involvement in cancer.. <i>Archives of Biochemistry and Biophysics</i> , 2022 , 717, 109125	4.1	1
18	Characterization of Hydrophobic Interactions of SARS-CoV-2 and MERS-CoV Spike Protein Fusion Peptides Using Single Molecule Force Measurements.		0
17	Mutations of the DNA repair gene PNKP in a patient with microcephaly, seizures, and developmental delay (MCSZ) presenting with a high-grade brain tumor.. <i>Scientific Reports</i> , 2022 , 12, 5386	4.9	1
16	Anisaxins, helical antimicrobial peptides from marine parasites, kill resistant bacteria by lipid extraction and membrane disruption.. <i>Acta Biomaterialia</i> , 2022 ,	10.8	1
15	Metal ion-regulated assembly of designed modular protein cages. <i>Science Advances</i> , 2022 , 8,	14.3	1
14	Exchange Broadening Underlies the Enhancement of IDE-Dependent Degradation of Insulin by Anionic Membranes. <i>ACS Omega</i> , 2022 , 7, 24757-24765	3.9	
13	Transmembrane peptide effects on bacterial membrane integrity and organization. 2022 ,		
12	NADP/H binding nearly doubles the stability of a Mycobacterium drug target: an unfolding study. 1-8		0
11	Structure and function of cationic hylin bioactive peptides from the tree frog <i>Boana pulchella</i> in interaction with lipid membranes. 2022 , 170900		0
10	Integration of spectroscopic and computational data to analyze protein structure, function, folding, and dynamics. 2023 , 483-502		0
9	A large HIV gp41 construct with trimer-of-hairpins structure exhibits V2E mutation-dominant attenuation of vesicle fusion and helicity very similar to V2E attenuation of HIV fusion and infection and supports: (1) hairpin stabilization of membrane apposition with larger distance for V2E; and (2)		0
8	Molecular Stapling of Human Pediatric RSV Phosphoprotein C-terminal Tail-Derived Peptides to Target the Coupled Folding-Upon-Binding Event Between Phosphoprotein and Nucleocapsid. 2023 , 29,		0
7	Coupled folding-upon-binding of human tumor suppressor MIG6 to lung cancer EGFR kinase domain and molecular trimming/stapling of MIG6-derived hairpins to target the coupling event.		0
6	Bioflavonoids ameliorate crowding induced hemoglobin aggregation: a spectroscopic and molecular docking approach. 1-11		0
5	Interactions of SARS-CoV-2 and MERS-CoV Fusion Peptides Measured Using Single Molecule Force Methods. 2023 ,		1

- 4 A conserved oligomerization domain in the disordered linker of coronavirus nucleocapsid proteins. **2023**, 9, ○
- 3 Release of immunomodulatory peptides at bacterial membrane interfaces as a novel strategy to fight microorganisms. **2023**, 299, 103056 ○
- 2 Renaturation of Myoglobin Denatured by Sodium Dodecyl Sulfate by Removal of Dodecyl Sulfate Ions Bound to the Protein Using Sodium Cholate. **2023**, 72, 481-487 ○
- 1 Difference in Catalytic Loop Repositioning Leads to GMP Variation between Two Human GBP Homologues. ○