Iain D Campbell

List of Publications by Year in Descending Order

175 papers	14,089 citations	65 h-index	115 g-index
176 ext. papers	14,998 ext. citations	9.5 avg, IF	6.16 L-index

#	Paper	IF	Citations
175	The Integrin Receptor in Biologically Relevant Bilayers: Insights from Molecular Dynamics Simulations. *Journal of Membrane Biology*, **2017**, 250, 337-351	2.3	17
174	Talins and kindlins: partners in integrin-mediated adhesion. *Nature Reviews Molecular Cell Biology*, **2013**, 14, 503-17	48.7	380
173	Characterization of 14-3-3-□Interactions with integrin tails. *Journal of Molecular Biology*, **2013**, 425, 3060-72	4.5	23
172	Conformational changes in talin on binding to anionic phospholipid membranes facilitate signaling by integrin transmembrane helices. *PLoS Computational Biology*, **2013**, 9, e1003316	5	23
171	Structural analysis of collagen type I interactions with human fibronectin reveals a cooperative binding mode. *Journal of Biological Chemistry*, **2013**, 288, 17441-50	5.4	51
170	The evolution of protein NMR. *Biomedical Spectroscopy and Imaging*, **2013**, 2, 245-264	1.3	5
169	Model of a six immunoglobulin-like domain fragment of filamin A (16-21) built using residual dipolar couplings. *Journal of the American Chemical Society*, **2012**, 134, 6660-72	16.4	16
168	The C-terminal rod 2 fragment of filamin A forms a compact structure that can be extended. *Biochemical Journal*, **2012**, 446, 261-9	3.8	20
167	Biophysical analysis of Kindlin-3 reveals an elongated conformation and maps integrin binding to the membrane-distal □subunit NPXY motif. *Journal of Biological Chemistry*, **2012**, 287, 37715-31	5.4	26
166	Integrin structure, activation, and interactions. *Cold Spring Harbor Perspectives in Biology*, **2011**, 3,	10.2	636
165	A helix heterodimer in a lipid bilayer: prediction of the structure of an integrin transmembrane domain via multiscale simulations. *Structure*, **2011**, 19, 1477-84	5.2	35
164	The tail of integrin activation. *Trends in Biochemical Sciences*, **2011**, 36, 191-8	10.3	132
163	Multiscale simulations suggest a mechanism for integrin inside-out activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 11890-5	11.5	56
162	Assembly of a filamin four-domain fragment and the influence of splicing variant-1 on the structure. *Journal of Biological Chemistry*, **2011**, 286, 26921-30	5.4	13
161	Implications for collagen binding from the crystallographic structure of fibronectin 6FnI1-2FnII7FnI. *Journal of Biological Chemistry*, **2010**, 285, 33764-70	5.4	26
160	The streptococcal binding site in the gelatin-binding domain of fibronectin is consistent with a non-linear arrangement of modules. *Journal of Biological Chemistry*, **2010**, 285, 36977-83	5.4	14
159	The structure of the talin/integrin complex at a lipid bilayer: an NMR and MD simulation study. *Structure*, **2010**, 18, 1280-8	5.2	53

158	The talin FERM domain is not so FERM. *Structure*, **2010**, 18, 1222-3	5.2	5
157	Structural diversity in integrin/talin interactions. *Structure*, **2010**, 18, 1654-66	5.2	67
156	Motogenic sites in human fibronectin are masked by long range interactions. *Journal of Biological Chemistry*, **2009**, 284, 15668-75	5.4	43
155	Identification and structural analysis of type I collagen sites in complex with fibronectin fragments. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 4195-200	11.5	75
154	The structure of an interdomain complex that regulates talin activity. *Journal of Biological Chemistry*, **2009**, 284, 15097-106	5.4	99
153	Beta integrin tyrosine phosphorylation is a conserved mechanism for regulating talin-induced integrin activation. *Journal of Biological Chemistry*, **2009**, 284, 36700-36710	5.4	97
152	The structure of an integrin/talin complex reveals the basis of inside-out signal transduction. *EMBO Journal*, **2009**, 28, 3623-32	13	251
151	The structure of the N-terminus of kindlin-1: a domain important for alphaiibbeta3 integrin activation. *Journal of Molecular Biology*, **2009**, 394, 944-56	6.5	69
150	Preparation of recombinant fibronectin fragments for functional and structural studies. *Methods in Molecular Biology*, **2009**, 522, 73-99	1.4	10
149	Solution structure and sugar-binding mechanism of mouse latrophilin-1 RBL: a 7TM receptor-attached lectin-like domain. *Structure*, **2008**, 16, 944-53	5.2	58
148	Structural analysis of the interactions between paxillin LD motifs and alpha-parvin. *Structure*, **2008**, 16, 1521-31	5.2	28
147	Structural basis for the interaction between the cytoplasmic domain of the hyaluronate receptor layilin and the talin F3 subdomain. *Journal of Molecular Biology*, **2008**, 382, 112-26	6.5	40
146	Integrin binding immunoglobulin type filamin domains have variable stability. *Biochemistry*, **2008**, 47, 11055-61	3.2	9
145	Structural basis of the migfilin-filamin interaction and competition with integrin beta tails. *Journal of Biological Chemistry*, **2008**, 283, 35154-63	5.4	89
144	Transmembrane and cytoplasmic domains in integrin activation and protein-protein interactions (review). *Molecular Membrane Biology*, **2008**, 25, 376-87	3.4	103
143	An integrin phosphorylation switch: the effect of beta3 integrin tail phosphorylation on Dok1 and talin binding. *Journal of Biological Chemistry*, **2008**, 283, 5420-6	5.4	86
142	The Croonian lecture 2006. Structure of the living cell. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2008**, 363, 2379-91	5.8	8
141	Studies of focal adhesion assembly. *Biochemical Society Transactions*, **2008**, 36, 263-6	5.1	28

140	Interdomain association in fibronectin: insight into cryptic sites and fibrillogenesis. *EMBO Journal*, **2007**, 26, 2575-83	13	70
139	Structure of three tandem filamin domains reveals auto-inhibition of ligand binding. *EMBO Journal*, **2007**, 26, 3993-4004	13	113
138	Structures of the Cd44-hyaluronan complex provide insight into a fundamental carbohydrate-protein interaction. *Nature Structural and Molecular Biology*, **2007**, 14, 234-9	17.6	264
137	Extracellular matrix: from atomic resolution to ultrastructure. *Current Opinion in Cell Biology*, **2007**, 19, 578-83	9	56
136	Determining the molecular basis for the pH-dependent interaction between the link module of human TSG-6 and hyaluronan. *Journal of Biological Chemistry*, **2007**, 282, 12976-88	5.4	25
135	The role of the fibronectin IGD motif in stimulating fibroblast migration. *Journal of Biological Chemistry*, **2007**, 282, 35530-5	5.4	30
134	Structural basis of integrin activation by talin. *Cell*, **2007**, 128, 171-82	56.2	519
133	Integrin activation--the importance of a positive feedback. *Bulletin of Mathematical Biology*, **2006**, 68, 945-56	2.1	19
132	Structural insight into binding of Staphylococcus aureus to human fibronectin. *FEBS Letters*, **2006**, 580, 273-7	3.8	9
131	The molecular basis of filamin binding to integrins and competition with talin. *Molecular Cell*, **2006**, 21, 337-47	17.6	315
130	Cooling overall spin temperature: protein NMR experiments optimized for longitudinal relaxation effects. *Journal of Magnetic Resonance*, **2006**, 178, 206-11	3	35
129	Gelatin binding to the 6F1(1)F2(2)F2 fragment of fibronectin is independent of module-module interactions. *Biochemistry*, **2005**, 44, 14682-7	3.2	8
128	Binding, domain orientation, and dynamics of the Lck SH3-SH2 domain pair and comparison with other Src-family kinases. *Biochemistry*, **2005**, 44, 13043-50	3.2	22
127	Gelatin binding to the 8F19F1 module pair of human fibronectin requires site-specific N-glycosylation. *FEBS Letters*, **2005**, 579, 4529-34	3.8	19
126	Exploiting the carboxylate chemical shift to resolve degenerate resonances in spectra of 13C-labelled glycosaminoglycans. *Magnetic Resonance in Chemistry*, **2005**, 43, 805-15	2.1	9
125	Probing protein-peptide binding surfaces using charged stable free radicals and transverse paramagnetic relaxation enhancement (PRE). *Journal of Biomolecular NMR*, **2005**, 31, 155-60	3	17
124	Towards a structure for a TSG-6.hyaluronan complex by modeling and NMR spectroscopy: insights into other members of the link module superfamily. *Journal of Biological Chemistry*, **2005**, 280, 18189-201	5.4	59
123	Structural basis for phosphatidylinositol phosphate kinase type Igamma binding to talin at focal adhesions. *Journal of Biological Chemistry*, **2005**, 280, 8381-6	5.4	64

122	High affinity streptococcal binding to human fibronectin requires specific recognition of sequential F1 modules. *Journal of Biological Chemistry*, **2004**, 279, 39017-25	5.4	56
121	Interdomain tilt angle determines integrin-dependent function of the ninth and tenth FIII domains of human fibronectin. *Journal of Biological Chemistry*, **2004**, 279, 55995-6003	5.4	46
120	The talin-tail interaction places integrin activation on FERM ground. *Trends in Biochemical Sciences*, **2004**, 29, 429-35	10.3	97
119	Amide proton relaxation measurements employing a highly deuterated protein. *Journal of Magnetic Resonance*, **2004**, 166, 190-201	3	16
118	NMR studies of modular protein structures and their interactions. *Chemical Reviews*, **2004**, 104, 3557-66	68.1	49
117	Structure of the regulatory hyaluronan binding domain in the inflammatory leukocyte homing receptor CD44. *Molecular Cell*, **2004**, 13, 483-96	17.6	204
116	Solution structure and dynamics of a calcium binding epidermal growth factor-like domain pair from the neonatal region of human fibrillin-1. *Journal of Biological Chemistry*, **2003**, 278, 12199-206	5.4	69
115	Solution structure of a PAN module from the apicomplexan parasite Eimeria tenella. *Journal of Structural and Functional Genomics*, **2003**, 4, 227-34		14
114	Molecular recognition of paxillin LD motifs by the focal adhesion targeting domain. *Structure*, **2003**, 11, 1207-17	5.2	80
113	Pathogenic bacteria attach to human fibronectin through a tandem beta-zipper. *Nature*, **2003**, 423, 177-81	30.4	301
112	Domain-specific interactions of talin with the membrane-proximal region of the integrin beta3 subunit. *Biochemistry*, **2003**, 42, 8307-12	3.2	72
111	NMR and structural genomics. *Accounts of Chemical Research*, **2003**, 36, 207-14	24.3	36
110	Structural determinants of integrin recognition by talin. *Molecular Cell*, **2003**, 11, 49-58	17.6	443
109	Structure and functional significance of mechanically unfolded fibronectin type III1 intermediates. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 14784-9	11.5	173
108	The link module from ovulation- and inflammation-associated protein TSG-6 changes conformation on hyaluronan binding. *Journal of Biological Chemistry*, **2003**, 278, 49261-70	5.4	71
107	GETTING TO GRIPS WITH HA-PROTEIN INTERACTIONS **2002**, 161-172		4
106	SH3-SH2 domain orientation in Src kinases: NMR studies of Fyn. *Structure*, **2002**, 10, 901-11	5.2	33
105	The effects of dissolved oxygen upon amide proton relaxation and chemical shift in a perdeuterated protein. *Journal of Magnetic Resonance*, **2002**, 157, 181-9	3	18

104	Timeline: the march of structural biology. *Nature Reviews Molecular Cell Biology*, **2002**, 3, 377-81	48.7	39
103	Solution structure of the coiled-coil trimerization domain from lung surfactant protein D. *Journal of Biomolecular NMR*, **2002**, 24, 89-102	3	9
102	Mapping the heparin-binding site on the 13-14F3 fragment of fibronectin. *Journal of Biological Chemistry*, **2002**, 277, 50629-35	5.4	44
101	Shape and dynamics of a calcium-binding protein investigated by nitrogen-15 NMR relaxation. *Methods in Molecular Biology*, **2002**, 173, 285-300	1.4	2
100	Effects of the N2144S mutation on backbone dynamics of a TB-cbEGF domain pair from human fibrillin-1. *Journal of Molecular Biology*, **2002**, 316, 113-25	6.5	27
99	Bacillus subtilis mutations that alter the pathway of phosphorylation of the anti-anti-sigmaF factor SpoIIAA lead to a Spo- phenotype. *Molecular Microbiology*, **2001**, 40, 9-19	4.1	20
98	Solution structure of the LDL receptor EGF-AB pair: a paradigm for the assembly of tandem calcium binding EGF domains. *Structure*, **2001**, 9, 451-6	5.2	42
97	A membrane-distal segment of the integrin alpha IIb cytoplasmic domain regulates integrin activation. *Journal of Biological Chemistry*, **2001**, 276, 22514-21	5.4	28
96	The eighth FIII domain of human fibronectin promotes integrin alpha5beta1 binding via stabilization of the ninth FIII domain. *Journal of Biological Chemistry*, **2001**, 276, 38885-92	5.4	60
95	The role of the Src homology 3-Src homology 2 interface in the regulation of Src kinases. *Journal of Biological Chemistry*, **2001**, 276, 17199-205	5.4	70
94	Binding of a peptide from a Streptococcus dysgalactiae MSCRAMM to the N-terminal F1 module pair of human fibronectin involves both modules. *FEBS Letters*, **2001**, 497, 137-40	3.8	9
93	NMR analysis of structure and dynamics of the cytosolic tails of integrin alpha IIb beta 3 in aqueous solution. *Biochemistry*, **2001**, 40, 7498-508	3.2	104
92	Localization and characterization of the hyaluronan-binding site on the link module from human TSG-6. *Structure*, **2000**, 8, 763-74	5.2	91
91	The relative orientation of the fibronectin 6F1(1)F2 module pair: a 15N NMR relaxation study. *Journal of Biomolecular NMR*, **2000**, 17, 203-14	3	13
90	Preparation of isotopically labeled recombinant fragments of fibronectin for functional and structural study by heteronuclear nuclear magnetic resonance spectroscopy. *Methods in Molecular Biology*, **2000**, 139, 59-69	1.4	6
89	Backbone dynamics of a cbEGF domain pair in the presence of calcium. *Journal of Molecular Biology*, **2000**, 296, 1065-78	6.5	65
88	Interface characterization of the type II module pair from fibronectin. *Biochemistry*, **2000**, 39, 8374-81	3.2	19
87	Identification of residues involved in the interaction of Staphylococcus aureus fibronectin-binding protein with the (4)F1(5)F1 module pair of human fibronectin using heteronuclear NMR spectroscopy. *Biochemistry*, **2000**, 39, 2887-93	3.2	21

86	Solution structure of a pair of modules from the gelatin-binding domain of fibronectin. *Structure*, **1999**, 7, 1451-60	5.2	19
85	Solution structure of the N-terminal F1 module pair from human fibronectin. *Biochemistry*, **1999**, 38, 8304-12	3.2	35
84	NMR of modular proteins. *Nature Structural Biology*, **1998**, 5 Suppl, 496-9		27
83	Effects of proline cis-trans isomerization on TB domain secondary structure. *Protein Science*, **1998**, 7, 2127-35	6.3	27
82	The folding kinetics and thermodynamics of the Fyn-SH3 domain. *Biochemistry*, **1998**, 37, 2529-37	3.2	142
81	Solution structure of the glycosylated second type 2 module of fibronectin. *Journal of Molecular Biology*, **1998**, 276, 177-87	6.5	50
80	Folding kinetics of the SH3 domain of PI3 kinase by real-time NMR combined with optical spectroscopy. *Journal of Molecular Biology*, **1998**, 276, 657-67	6.5	120
79	Structural requirements for biological activity of the ninth and tenth FIII domains of human fibronectin. *Journal of Biological Chemistry*, **1997**, 272, 6159-66	5.4	115
78	Module-module interactions in the cell binding region of fibronectin: stability, flexibility and specificity. *Journal of Molecular Biology*, **1997**, 265, 565-79	6.5	95
77	A comparison of the folding kinetics and thermodynamics of two homologous fibronectin type III modules. *Journal of Molecular Biology*, **1997**, 270, 763-70	6.5	113
76	NMR studies of a viral protein that mimics the regulators of complement activation. *Journal of Molecular Biology*, **1997**, 272, 253-65	6.5	119
75	Solution structure of a type 2 module from fibronectin: implications for the structure and function of the gelatin-binding domain. *Structure*, **1997**, 5, 359-70	5.2	90
74	The SH2 domain from the tyrosine kinase Fyn in complex with a phosphotyrosyl peptide reveals insights into domain stability and binding specificity. *Structure*, **1997**, 5, 1313-23	5.2	36
73	The effects of guanidine hydrochloride on the ŕandom coilTconformations and NMR chemical shifts of the peptide series GGXGG. *Journal of Biomolecular NMR*, **1997**, 10, 221-30	3	89
72	NMR analysis of interacting soluble forms of the cell-cell recognition molecules CD2 and CD48. *Biochemistry*, **1996**, 35, 5982-91	3.2	46
71	Alternative modes of tyrosyl phosphopeptide binding to a Src family SH2 domain: implications for regulation of tyrosine kinase activity. *Biochemistry*, **1996**, 35, 11062-9	3.2	41
70	Solution structure of the link module: a hyaluronan-binding domain involved in extracellular matrix stability and cell migration. *Cell*, **1996**, 86, 767-75	56.2	264
69	Structure and function of fibronectin modules. *Matrix Biology*, **1996**, 15, 313-20; discussion 321	11.4	165

68	Structure and distribution of modules in extracellular proteins. *Quarterly Reviews of Biophysics*, **1996**, 29, 119-67	7	266
67	Solution structure and peptide binding of the SH3 domain from human Fyn. *Structure*, **1996**, 4, 705-14	5.2	86
66	Solution studies of the SH2 domain from the fyn tyrosine kinase: secondary structure, backbone dynamics and protein association. *European Biophysics Journal*, **1996**, 24, 371-80	1.9	19
65	Dynamic studies of a fibronectin type I module pair at three frequencies: Anisotropic modelling and direct determination of conformational exchange. *Journal of Biomolecular NMR*, **1996**, 8, 369-78	3	59
64	High-resolution structural studies of the factor XIIIa crosslinking site and the first type 1 module of fibronectin. *Nature Structural and Molecular Biology*, **1995**, 2, 946-50	17.6	19
63	Four-helix bundle growth factors and their receptors: protein-protein interactions. *Current Opinion in Structural Biology*, **1995**, 5, 114-21	8.1	74
62	The solution structure and backbone dynamics of the fibronectin type I and epidermal growth factor-like pair of modules of tissue-type plasminogen activator. *Structure*, **1995**, 3, 823-33	5.2	33
61	Phosphopeptide binding to the N-terminal SH2 domain of the p85 alpha subunit of PI 3Ŧkinase: a heteronuclear NMR study. *Protein Science*, **1994**, 3, 1020-30	6.3	46
60	Building protein structure and function from modular units. *Trends in Biotechnology*, **1994**, 12, 168-72	15.1	44
59	Building proteins with fibronectin type III modules. *Structure*, **1994**, 2, 333-7	5.2	107
58	Three-Dimensional Solution Structure of the Extracellular Region of the Complement Regulatory Protein CD59, a New Cell-Surface Protein Domain Related to Snake Venom Neurotoxins. *Biochemistry*, **1994**, 33, 4471-4482	3.2	135
57	Fibronectin structure and assembly. *Current Opinion in Cell Biology*, **1994**, 6, 648-55	9	184
56	Solution structure of a pair of fibronectin type 1 modules with fibrin binding activity. *Journal of Molecular Biology*, **1994**, 235, 1302-11	6.5	89
55	Secondary structure of fibronectin type 1 and epidermal growth factor modules from tissue-type plasminogen activator by nuclear magnetic resonance. *Biochemistry*, **1994**, 33, 2422-9	3.2	22
54	Solution structures of modular proteins by nuclear magnetic resonance. *Methods in Enzymology*, **1994**, 245, 451-69	1.7	1
53	Strategy for studying modular proteins: application to complement modules. *Methods in Enzymology*, **1994**, 239, 464-85	1.7	10
52	Epidermal growth factor-like modules. *Current Opinion in Structural Biology*, **1993**, 3, 385-392	8.1	322
51	Secondary structure of a pair of fibronectin type 1 modules by two-dimensional nuclear magnetic resonance. *Biochemistry*, **1993**, 32, 7388-95	3.2	22

50	Solution structure and ligand-binding site of the SH3 domain of the p85 alpha subunit of phosphatidylinositol 3-kinase. *Cell*, **1993**, 73, 813-22	56.2	190
49	The GTPase dynamin binds to and is activated by a subset of SH3 domains. *Cell*, **1993**, 75, 25-36	56.2	530
48	Structure-function studies of CD2 by n.m.r. and mutagenesis. *Biochemical Society Transactions*, **1993**, 21, 947-52	5.1	5
47	Toward the Structure of Mosaic Proteins: Expression, Purification and Structural Analysis of a Pair of Fibronectin Type1 Modules **1993**, 623-631		
46	NMR Studies of the Structure and Role of Modules Involved in Protein-Protein Interactions **1993**, 134-158		
45	Ligand requirements for Ca2+ binding to EGF-like domains. *Protein Engineering, Design and Selection*, **1992**, 5, 489-94	1.9	44
44	The three-dimensional structure of the tenth type III module of fibronectin: an insight into RGD-mediated interactions. *Cell*, **1992**, 71, 671-8	56.2	437
43	1H NMR assignment and secondary structure of the cell adhesion type III module of fibronectin. *Biochemistry*, **1992**, 31, 2068-73	3.2	91
42	Activity, disulphide mapping and structural modelling of the fifth domain of human beta 2-glycoprotein I. *FEBS Letters*, **1992**, 313, 193-7	3.8	76
41	Solution structure of the fibrin binding finger domain of tissue-type plasminogen activator determined by 1H nuclear magnetic resonance. *Journal of Molecular Biology*, **1992**, 225, 821-33	6.5	47
40	Human epidermal growth factor. High resolution solution structure and comparison with human transforming growth factor alpha. *Journal of Molecular Biology*, **1992**, 227, 271-82	6.5	123
39	Structure of an SH2 domain of the p85 alpha subunit of phosphatidylinositol-3-OH kinase. *Nature*, **1992**, 358, 684-7	50.4	174
38	The solution structure of human transforming growth factor alpha. *FEBS Journal*, **1991**, 198, 555-62		53
37	Structure of domain 1 of rat T lymphocyte CD2 antigen. *Nature*, **1991**, 353, 762-5	50.4	153
36	Structure-function relationships in human epidermal growth factor studied by site-directed mutagenesis and 1H NMR. *Biochemistry*, **1991**, 30, 8891-8	3.2	49
35	Contribution of proline-14 to the structure and actions of melittin. *FEBS Letters*, **1991**, 281, 240-4	3.8	87
34	Protein modules. *Trends in Biochemical Sciences*, **1991**, 16, 13-7	10.3	194
33	Structure of the fibronectin type 1 module. *Nature*, **1990**, 345, 642-6	50.4	104

32	Nuclear-magnetic-resonance studies of human epidermal growth factor. *FEBS Journal*, **1990**, 193, 807-15		13
31	Influence of cross-correlation between dipolar and anisotropic chemical shift relaxation mechanisms upon longitudinal relaxation rates of 15N in macromolecules. *Chemical Physics Letters*, **1990**, 175, 477-482	2.5	180
30	Structure function relationships in EGF, TGF-alpha and IGFI. *Journal of Cell Science*, **1990**, 13, 5-10	5.3	3
29	Structure-function relationships in epidermal growth factor (EGF) and transforming growth factor-alpha (TGF-alpha). *Biochemical Pharmacology*, **1990**, 40, 35-40	6	45
28	The specific incorporation of labelled aromatic amino acids into proteins through growth of bacteria in the presence of glyphosate. Application to fluorotryptophan labelling to the H(+)-ATPase of Escherichia coli and NMR studies. *FEBS Letters*, **1990**, 272, 34-6	3.8	60
27	Towards the Structure of Mosaic Proteins: Use of Protein Expression and NMR Techniques **1990**, 49-60		2
26	A high-resolution 1H-NMR study of human transforming growth factor alpha. Structure and pH-dependent conformational interconversion. *FEBS Journal*, **1989**, 179, 629-37		27
25	The solution structures of epidermal growth factor and transforming growth factor alpha. *Progress in Growth Factor Research*, **1989**, 1, 13-22		58
24	High resolution 1H NMR study of the solution structure of the S4 segment of the sodium channel protein. *FEBS Letters*, **1989**, 257, 113-7	3.8	37
23	The structure of melittin. A 1H-NMR study in methanol. *FEBS Journal*, **1988**, 173, 139-46		209
22	Protein structure determination by nuclear magnetic resonance. *BioEssays*, **1988**, 8, 52-6	4.1	15
21	High-resolution 1H NMR study of the solution structure of delta-hemolysin. *Biochemistry*, **1988**, 27, 1643-52	3.2	71
20	A nuclear magnetic resonance study of alamethicin-, haemolysin-, and melittin-induced sodium leakage from large unilamellar vesicles. *Biochemical Society Transactions*, **1988**, 16, 594-595	5.1	3
19	Measurement of peptide transport using proton nuclear magnetic resonance spectroscopy. *Biochemical Society Transactions*, **1988**, 16, 635-636	5.1	2
18	The Structure and Dynamics of Membrane Spanning Helices by High Resolution NMR and Molecular Dynamics. *Jerusalem Symposia on Quantum Chemistry and Biochemistry*, **1988**, 91-101		3
17	NMR studies of kinetics in cells and tissues. *Quarterly Reviews of Biophysics*, **1987**, 19, 159-82	7	43
16	High-resolution 1H NMR study of the solution structure of alamethicin. *Biochemistry*, **1987**, 26, 1043-50	3.2	132
15	Protein structure determination by NMR. *Trends in Biotechnology*, **1987**, 5, 302-306	15.1	7

14	The solution structure of human epidermal growth factor. *Nature*, **1987**, 327, 339-41	50.4	329
13	Effects of K+ on mitochondrial respiration. *Biochemical Society Transactions*, **1986**, 14, 774-775	5.1	1
12	A 1H-NMR study of the activity expressed by lactate dehydrogenase in the human erythrocyte. *FEBS Journal*, **1986**, 158, 299-305		22
11	NMR studies of enzymes. *Fresenius Zeitschrift F Analytische Chemie*, **1986**, 324, 437-441		1
10	A multinuclear NMR study of 2,3-bisphosphoglycerate metabolism in the human erythrocyte. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1984**, 805, 19-24	4.9	22
9	Proton NMR measurements of hydrogen exchange at the C-3 position of 3-hydroxybutyrate in suspensions of rat liver mitochondria. *FEBS Letters*, **1983**, 163, 185-8	3.8	5
8	Association of aldolase with the membranes in concentrated human erythrocyte lysates. *Biochemical Society Transactions*, **1983**, 11, 281-282	5.1	3
7	1H n.m.r. studies of the kinetic properties expressed by erythrocyte enzymes in situ and in vitro. *Biochemical Society Transactions*, **1983**, 11, 280-281	5.1	2
6	Observation of carbon labelling in cell metabolites using proton spin echo NMR. *Biochemical and Biophysical Research Communications*, **1982**, 109, 864-71	3.4	34
5	Structural homology of cytochromes c. *FEBS Journal*, **1978**, 83, 261-75		44
4	Human erythrocyte metabolism studies by 1H spin echo NMR. *FEBS Letters*, **1977**, 82, 12-6	3.8	242
3	Temperature dependent molecular motion of a tyrosine residue of ferrocytochrome C. *FEBS Letters* , **1976**, 70, 96-100	3.8	121
2	Spin echo double resonance: a novel method for detecting decoupling in Fourier transform nuclear magnetic resonance. *Journal of the Chemical Society Chemical Communications*, **1975**, 750		42
1	Intramolecular nuclear Overhauser effects in proton magnetic resonance spectra of proteins. *Journal of the Chemical Society Chemical Communications*, **1974**, 888		28