Iain D Campbell

List of Publications by Year
in descending order

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175 papers	15,879 citations	13827 67 h-index	17055 122 g-index
176 all docs	176 docs citations	176 times ranked	12180 citing authors

#	Article	IF	Citations
1	The Integrin Receptor in Biologically Relevant Bilayers: Insights from Molecular Dynamics Simulations. Journal of Membrane Biology, 2017, 250, 337-351.	1.0	29
2	Talins and kindlins: partners in integrin-mediated adhesion. Nature Reviews Molecular Cell Biology, 2013, 14, 503-517.	16.1	486
3	Characterization of 14-3-3-Î¶ Interactions with Integrin Tails. Journal of Molecular Biology, 2013, 425, 3060-3072.	2.0	30
4	Conformational Changes in Talin on Binding to Anionic Phospholipid Membranes Facilitate Signaling by Integrin Transmembrane Helices. PLoS Computational Biology, 2013, 9, e1003316.	1.5	30
5	Structural Analysis of Collagen Type I Interactions with Human Fibronectin Reveals a Cooperative Binding Mode. Journal of Biological Chemistry, 2013, 288, 17441-17450.	1.6	67
6	The evolution of protein NMR. Biomedical Spectroscopy and Imaging, 2013, 2, 245-264.	1.2	6
7	The C-terminal rod 2 fragment of filamin A forms a compact structure that can be extended. Biochemical Journal, 2012, 446, 261-269.	1.7	34
8	Biophysical Analysis of Kindlin-3 Reveals an Elongated Conformation and Maps Integrin Binding to the Membrane-distal Î²-Subunit NPXY Motif. Journal of Biological Chemistry, 2012, 287, 37715-37731.	1.6	33
9	Model of a Six Immunoglobulin-Like Domain Fragment of Filamin A (16â€“21) Built Using Residual Dipolar Couplings. Journal of the American Chemical Society, 2012, 134, 6660-6672.	6.6	21
10	Integrin Structure, Activation, and Interactions. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004994-a004994.	2.3	845
11	A Helix Heterodimer in a Lipid Bilayer: Prediction of the Structure of an Integrin Transmembrane Domain via Multiscale Simulations. Structure, 2011, 19, 1477-1484.	1.6	39
12	The tail of integrin activation. Trends in Biochemical Sciences, 2011, 36, 191-198.	3.7	147
13	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, 11890-11895.	3.3	62
14	Assembly of a Filamin Four-domain Fragment and the Influence of Splicing Variant-1 on the Structure. Journal of Biological Chemistry, 2011, 286, 26921-26930.	1.6	17
15	The Structure of the Talin/Integrin Complex at a Lipid Bilayer: An NMR and MD Simulation Study. Structure, 2010, 18, 1280-1288.	1.6	57
16	The Talin FERM Domain Is Not So FERM. Structure, 2010, 18, 1222-1223.	1.6	6
17	Structural Diversity in Integrin/Talin Interactions. Structure, 2010, 18, 1654-1666.	1.6	81
18	Implications for Collagen Binding from the Crystallographic Structure of Fibronectin 6FnI1â€“2FnII7FnI. Journal of Biological Chemistry, 2010, 285, 33764-33770.	1.6	30

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19	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, 36977-36983.	1.6	15
20	Motogenic Sites in Human Fibronectin Are Masked by Long Range Interactions. Journal of Biological Chemistry, 2009, 284, 15668-15675.	1.6	46
21	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, 4195-4200.	3.3	77
22	The Structure of an Interdomain Complex That Regulates Talin Activity. Journal of Biological Chemistry, 2009, 284, 15097-15106.	1.6	107
23	Î² Integrin Tyrosine Phosphorylation Is a Conserved Mechanism for Regulating Talin-induced Integrin Activation. Journal of Biological Chemistry, 2009, 284, 36700-36710.	1.6	111
24	The structure of an integrin/talin complex reveals the basis of inside-out signal transduction. EMBO Journal, 2009, 28, 3623-3632.	3.5	287
25	The Structure of the N-Terminus of Kindlin-1: A Domain Important for Î±IIbÎ²3 Integrin Activation. Journal of Molecular Biology, 2009, 394, 944-956.	2.0	80
26	Preparation of recombinant fibronectin fragments for functional and structural studies. Methods in Molecular Biology, 2009, 522, 73-99.	0.4	12
27	Solution Structure and Sugar-Binding Mechanism of Mouse Latrophilin-1 RBL: a 7TM Receptor-Attached Lectin-Like Domain. Structure, 2008, 16, 944-953.	1.6	65
28	Structural Analysis of the Interactions Between Paxillin LD Motifs and Î±-Parvin. Structure, 2008, 16, 1521-1531.	1.6	32
29	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, 112-126.	2.0	44
30	Integrin Binding Immunoglobulin Type Filamin Domains Have Variable Stability. Biochemistry, 2008, 47, 11055-11061.	1.2	9
31	Structural Basis of the Migfilin-Filamin Interaction and Competition with Integrin Î² Tails. Journal of Biological Chemistry, 2008, 283, 35154-35163.	1.6	97
32	Transmembrane and cytoplasmic domains in integrin activation and protein-protein interactions (Review). Molecular Membrane Biology, 2008, 25, 376-387.	2.0	114
33	An Integrin Phosphorylation Switch. Journal of Biological Chemistry, 2008, 283, 5420-5426.	1.6	98
34	The Croonian lecture 2006 Structure of the living cell. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2379-2391.	1.8	9
35	Studies of focal adhesion assembly. Biochemical Society Transactions, 2008, 36, 263-266.	1.6	28
36	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, 12976-12988.	1.6	31

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37	The Role of the Fibronectin IGD Motif in Stimulating Fibroblast Migration. Journal of Biological Chemistry, 2007, 282, 35530-35535.	1.6	31
38	Structural Basis of Integrin Activation by Talin. Cell, 2007, 128, 171-182.	13.5	585
39	Interdomain association in fibronectin: insight into cryptic sites and fibrillogenesis. EMBO Journal, 2007, 26, 2575-2583.	3.5	73
40	Structure of three tandem filamin domains reveals auto-inhibition of ligand binding. EMBO Journal, 2007, 26, 3993-4004.	3.5	134
41	Structures of the Cd44â€"hyaluronan complex provide insight into a fundamental carbohydrate-protein interaction. Nature Structural and Molecular Biology, 2007, 14, 234-239.	3.6	314
42	Extracellular matrix: from atomic resolution to ultrastructure. Current Opinion in Cell Biology, 2007, 19, 578-583.	2.6	67
43	Structural insight into binding ofStaphylococcus aureusto human fibronectin. FEBS Letters, 2006, 580, 273-277.	1.3	11
44	The Molecular Basis of Filamin Binding to Integrins and Competition with Talin. Molecular Cell, 2006, 21, 337-347.	4.5	359
45	Cooling overall spin temperature: Protein NMR experiments optimized for longitudinal relaxation effects. Journal of Magnetic Resonance, 2006, 178, 206-211.	1.2	39
46	Integrin activationâ€"the importance of a positive feedback. Bulletin of Mathematical Biology, 2006, 68, 945-956.	0.9	20
47	Exploiting the carboxylate chemical shift to resolve degenerate resonances in spectra of13C-labelled glycosaminoglycans. Magnetic Resonance in Chemistry, 2005, 43, 805-815.	1.1	11
48	Probing protein-peptide binding surfaces using charged stable free radicals and transverse paramagnetic relaxation enhancement (PRE). Journal of Biomolecular NMR, 2005, 31, 155-160.	1.6	24
49	Towards a Structure for a TSG-6Â·Hyaluronan Complex by Modeling and NMR Spectroscopy. Journal of Biological Chemistry, 2005, 280, 18189-18201.	1.6	69
50	Structural Basis for Phosphatidylinositol Phosphate Kinase Type Î³ Binding to Talin at Focal Adhesions. Journal of Biological Chemistry, 2005, 280, 8381-8386.	1.6	71
51	Gelatin Binding to the6F11F22F2 Fragment of Fibronectin Is Independent of Moduleâ^'Module Interactionsâ€. Biochemistry, 2005, 44, 14682-14687.	1.2	10
52	Binding, Domain Orientation, and Dynamics of the Lck SH3â^'SH2 Domain Pair and Comparison with Other Src-Family Kinases. Biochemistry, 2005, 44, 13043-13050.	1.2	23
53	Gelatin binding to the8F19F1 module pair of human fibronectin requires site-specific N-glycosylation. FEBS Letters, 2005, 579, 4529-4534.	1.3	22
54	High Affinity Streptococcal Binding to Human Fibronectin Requires Specific Recognition of Sequential F1 Modules. Journal of Biological Chemistry, 2004, 279, 39017-39025.	1.6	63

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55	Interdomain Tilt Angle Determines Integrin-dependent Function of the Ninth and Tenth FIII Domains of Human Fibronectin. Journal of Biological Chemistry, 2004, 279, 55995-56003.	1.6	50
56	The talinâ€"tail interaction places integrin activation on FERM ground. Trends in Biochemical Sciences, 2004, 29, 429-435.	3.7	101
57	Amide proton relaxation measurements employing a highly deuterated protein. Journal of Magnetic Resonance, 2004, 166, 190-201.	1.2	17
58	NMR Studies of Modular Protein Structures and Their Interactions. Chemical Reviews, 2004, 104, 3557-3566.	23.0	62
59	Structure of the Regulatory Hyaluronan Binding Domain in the Inflammatory Leukocyte Homing Receptor CD44. Molecular Cell, 2004, 13, 483-496.	4.5	228
60	Solution structure of a PAN module from the apicomplexan parasite Eimeria tenella. Journal of Structural and Functional Genomics, 2003, 4, 227-234.	1.2	15
61	Molecular Recognition of Paxillin LD Motifs by the Focal Adhesion Targeting Domain. Structure, 2003, 11, 1207-1217.	1.6	93
62	Pathogenic bacteria attach to human fibronectin through a tandem Î²-zipper. Nature, 2003, 423, 177-181.	13.7	326
63	Domain-Specific Interactions of Talin with the Membrane-Proximal Region of the Integrin Î²3 Subunit. Biochemistry, 2003, 42, 8307-8312.	1.2	75
64	NMR and Structural Genomics. Accounts of Chemical Research, 2003, 36, 207-214.	7.6	38
65	Structural Determinants of Integrin Recognition by Talin. Molecular Cell, 2003, 11, 49-58.	4.5	475
66	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, 14784-14789.	3.3	187
67	The Link Module from Ovulation- and Inflammation-associated Protein TSG-6 Changes Conformation on Hyaluronan Binding. Journal of Biological Chemistry, 2003, 278, 49261-49270.	1.6	81
68	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, 12199-12206.	1.6	78
69	Mapping the Heparin-binding Site on the13â€"14F3 Fragment of Fibronectin. Journal of Biological Chemistry, 2002, 277, 50629-50635.	1.6	48
70	Shape and Dynamics of a Calcium-Binding Protein Investigated by Nitrogen-15 NMR Relaxation. , 2002, 173, 285-300.		3
71	Effects of the N2144S mutation on backbone dynamics of a TB-cbEGF domain pair from human fibrillin-1. Journal of Molecular Biology, 2002, 316, 113-125.	2.0	30
72	GETTING TO GRIPS WITH HA-PROTEIN INTERACTIONS. , 2002, , 161-172.		5

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73	SH3-SH2 Domain Orientation in Src Kinases. Structure, 2002, 10, 901-911.	1.6	35
74	The Effects of Dissolved Oxygen upon Amide Proton Relaxation and Chemical Shift in a Perdeuterated Protein. Journal of Magnetic Resonance, 2002, 157, 181-189.	1.2	18
75	The march of structural biology. Nature Reviews Molecular Cell Biology, 2002, 3, 377-381.	16.1	51
76	Solution structure of the coiled-coil trimerization domain from lung surfactant protein D. Journal of Biomolecular NMR, 2002, 24, 89-102.	1.6	11
77	Binding of a peptide from aStreptococcus dysgalactiaeMSCRAMM to the N-terminal F1 module pair of human fibronectin involves both modules. FEBS Letters, 2001, 497, 137-140.	1.3	10
78	NMR Analysis of Structure and Dynamics of the Cytosolic Tails of Integrin Î±IIbÎ²3 in Aqueous Solutionâ€. Biochemistry, 2001, 40, 7498-7508.	1.2	107
79	Bacillus subtilis mutations that alter the pathway of phosphorylation of the anti-anti-ÏƒF factor SpoIIAA lead to a Spoâˆ’ phenotype. Molecular Microbiology, 2001, 40, 9-19.	1.2	21
80	Solution Structure of the LDL Receptor EGF-AB Pair. Structure, 2001, 9, 451-456.	1.6	44
81	A Membrane-distal Segment of the Integrin Î±IIbCytoplasmic Domain Regulates Integrin Activation. Journal of Biological Chemistry, 2001, 276, 22514-22521.	1.6	32
82	The Eighth FIII Domain of Human Fibronectin Promotes Integrin Î±5Î²1 Binding via Stabilization of the Ninth FIII Domain. Journal of Biological Chemistry, 2001, 276, 38885-38892.	1.6	66
83	The Role of the Src Homology 3-Src Homology 2 Interface in the Regulation of Src Kinases. Journal of Biological Chemistry, 2001, 276, 17199-17205.	1.6	79
84	Localization and characterization of the hyaluronan-binding site on the Link module from human TSG-6. Structure, 2000, 8, 763-774.	1.6	95
85	The relative orientation of the fibronectin 6F1(1)F2 module pair: a 15N NMR relaxation study. Journal of Biomolecular NMR, 2000, 17, 203-214.	1.6	14
86	Preparation of Isotopically Labeled Recombinant Fragments of Fibronectin for Functional and Structural Study by Heteronuclear Nuclear Magnetic Resonance Spectroscopy. , 2000, 139, 59-69.		7
87	Backbone dynamics of a cbEGF domain pair in the presence of calcium 1 1Edited by M. Summers. Journal of Molecular Biology, 2000, 296, 1065-1078.	2.0	72
88	Interface Characterization of the Type II Module Pair from Fibronectinâ€. Biochemistry, 2000, 39, 8374-8381.	1.2	22
89	Identification of Residues Involved in the Interaction ofStaphylococcus aureusFibronectin-Binding Protein with the4F15F1 Module Pair of Human Fibronectin Using Heteronuclear NMR Spectroscopyâ€. Biochemistry, 2000, 39, 2887-2893.	1.2	23
90	Solution structure of a pair of modules from the gelatin-binding domain of fibronectin. Structure, 1999, 7, 1451-S3.	1.6	23

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91	Solution Structure of the N-Terminal F1 Module Pair from Human Fibronectinâ€,â€¡. Biochemistry, 1999, 38, 8304-8312.	1.2	37
92	NMR of modular proteins. Nature Structural Biology, 1998, 5, 496-499.	9.7	33
93	Effects of proline cisâ€trans isomerization on TB domain secondary structure. Protein Science, 1998, 7, 2127-2135.	3.1	28
94	The Folding Kinetics and Thermodynamics of the Fyn-SH3 Domainâ€. Biochemistry, 1998, 37, 2529-2537.	1.2	152
95	Solution structure of the glycosylated second type 2 module of fibronectin. Journal of Molecular Biology, 1998, 276, 177-187.	2.0	52
96	Folding kinetics of the SH3 domain of PI3 kinase by real-time NMR combined with optical spectroscopy. Journal of Molecular Biology, 1998, 276, 657-667.	2.0	126
97	Structural Requirements for Biological Activity of the Ninth and Tenth FIII Domains of Human Fibronectin. Journal of Biological Chemistry, 1997, 272, 6159-6166.	1.6	132
98	Module-module interactions in the cell binding region of fibronectin: stability, flexibility and specificity. Journal of Molecular Biology, 1997, 265, 565-579.	2.0	98
99	A comparison of the folding kinetics and thermodynamics of two homologous fibronectin type III modules. Journal of Molecular Biology, 1997, 270, 763-770.	2.0	119
100	NMR studies of a viral protein that mimics the regulators of complement activation. Journal of Molecular Biology, 1997, 272, 253-265.	2.0	127
101	Solution structure of a type 2 module from fibronectin: implications for the structure and function of the gelatin-binding domain. Structure, 1997, 5, 359-370.	1.6	98
102	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, 1313-1323.	1.6	44
103	The effects of guanidine hydrochloride on the 'random coil' conformations and NMR chemical shifts of the peptide series GGXGG. Journal of Biomolecular NMR, 1997, 10, 221-230.	1.6	96
104	NMR Analysis of Interacting Soluble Forms of the Cellâˆ'Cell Recognition Molecules CD2 and CD48. Biochemistry, 1996, 35, 5982-5991.	1.2	53
105	Alternative Modes of Tyrosyl Phosphopeptide Binding to a Src Family SH2 Domain:Â Implications for Regulation of Tyrosine Kinase Activityâ€. Biochemistry, 1996, 35, 11062-11069.	1.2	45
106	Solution Structure of the Link Module: A Hyaluronan-Binding Domain Involved in Extracellular Matrix Stability and Cell Migration. Cell, 1996, 86, 767-775.	13.5	293
107	Structure and function of fibronectin modules. Matrix Biology, 1996, 15, 313-320.	1.5	185
108	Structure and distribution of modules in extracellular proteins. Quarterly Reviews of Biophysics, 1996, 29, 119-167.	2.4	307

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109	Solution structure and peptide binding of the SH3 domain from human Fyn. Structure, 1996, 4, 705-714.	1.6	100
110	Solution studies of the SH2 domain from the fyn tyrosine kinase: secondary structure, backbone dynamics and protein association. European Biophysics Journal, 1996, 24, 371-380.	1.2	19
111	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.	1.6	65
112	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, 823-833.	1.6	37
113	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, 946-950.	3.6	21
114	Four-helix bundle growth factors and their receptors: protein-protein interactions. Current Opinion in Structural Biology, 1995, 5, 114-121.	2.6	82
115	Phosphopeptide binding to the Nâ€terminal SH2 domain of the p85Î± subunit of PI 3â€²â€kinase: A heteronuclear NMR study. Protein Science, 1994, 3, 1020-1030.	3.1	49
116	Building protein structure and function from modular units. Trends in Biotechnology, 1994, 12, 168-172.	4.9	49
117	Building proteins with fibronectin type III modules. Structure, 1994, 2, 333-337.	1.6	122
118	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.	1.2	144
119	Fibronectin structure and assembly. Current Opinion in Cell Biology, 1994, 6, 648-655.	2.6	208
120	Solution Structure of a Pair of Fibronectin Type 1 Modules with Fibrin Binding Activity. Journal of Molecular Biology, 1994, 235, 1302-1311.	2.0	97
121	Secondary Structure of Fibronectin Type 1 and Epidermal Growth Factor Modules from Tissue-Type Plasminogen Activator by Nuclear Magnetic Resonance. Biochemistry, 1994, 33, 2422-2429.	1.2	23
122	[21] Solution structures of modular proteins by nuclear magnetic resonance. Methods in Enzymology, 1994, 245, 451-469.	0.4	1
123	[16] Strategy for studying modular proteins: Application to complement modules. Methods in Enzymology, 1994, 239, 464-485.	0.4	12
124	Epidermal growth factor-like modules. Current Opinion in Structural Biology, 1993, 3, 385-392.	2.6	352
125	Secondary structure of a pair of fibronectin type 1 modules by two-dimensional nuclear magnetic resonance. Biochemistry, 1993, 32, 7388-7395.	1.2	25
126	Solution structure and ligand-binding site of the SH3 domain of the p85Î± subunit of phosphatidylinositol 3-kinase. Cell, 1993, 73, 813-822.	13.5	209

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127	The GTPase dynamin binds to and is activated by a subset of SH3 domains. Cell, 1993, 75, 25-36.	13.5	559
128	Structure-function studies of CD2 by n.m.r. and mutagenesis. Biochemical Society Transactions, 1993, 21, 947-952.	1.6	6
129	Toward the Structure of Mosaic Proteins: Expression, Purification and Structural Analysis of a Pair of Fibronectin Type1 Modules. , 1993, , 623-631.		0
130	NMR Studies of the Structure and Role of Modules Involved in Protein-Protein Interactions. , 1993, , 134-158.		0
131	Ligand requirements for Ca2+ binding to EGF-like domains. Protein Engineering, Design and Selection, 1992, 5, 489-494.	1.0	47
132	The three-dimensional structure of the tenth type III module of fibronectin: An insight into RGD-mediated interactions. Cell, 1992, 71, 671-678.	13.5	487
133	Proton NMR assignment and secondary structure of the cell adhesion type III module of fibronectin. Biochemistry, 1992, 31, 2068-2073.	1.2	100
134	Activity, disulphate mapping and structural modelling of the fifth domain of human Î²2 -glycoprotein I. FEBS Letters, 1992, 313, 193-197.	1.3	89
135	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, 821-833.	2.0	52
136	Human epidermal growth factor. Journal of Molecular Biology, 1992, 227, 271-282.	2.0	129
137	Structure of an SH2 domain of the p85Î± subunit of phosphatidylinositol-3-OH kinase. Nature, 1992, 358, 684-687.	13.7	193
138	Structure of domain 1 of rat T lymphocyte CD2 antigen. Nature, 1991, 353, 762-765.	13.7	161
139	Structure-function relationships in human epidermal growth factor studied by site-directed mutagenesis and proton NMR. Biochemistry, 1991, 30, 8891-8898.	1.2	50
140	Contribution of proline-14 to the structure and actions of melittin. FEBS Letters, 1991, 281, 240-244.	1.3	99
141	Protein modules. Trends in Biochemical Sciences, 1991, 16, 13-17.	3.7	207
142	The solution structure of human transforming growth factor alpha. FEBS Journal, 1991, 198, 555-562.	0.2	61
143	Structure of the fibronectin type 1 module. Nature, 1990, 345, 642-646.	13.7	117
144	Nuclear-magnetic-resonance studies of human epidermal growth factor. FEBS Journal, 1990, 193, 807-815.	0.2	20

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145	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.	1.2	200
146	Structure function relationships in EGF, TGF-Î± and IGFI. Journal of Cell Science, 1990, 1990, 5-10.	1.2	5
147	Structure-function relationships in epidermal growth factor (egf) and transforming growth factor-alpha (TGF-Î±). Biochemical Pharmacology, 1990, 40, 35-40.	2.0	49
148	The specific incorporation of labelled aromatic amino acids into proteins through growth of bacteria in the presence of glyphosate. FEBS Letters, 1990, 272, 34-36.	1.3	64
149	Towards the Structure of Mosaic Proteins: Use of Protein Expression and NMR Techniques. , 1990, , 49-60.		2
150	A high-resolution 1H-NMR study of human transforming growth factor alpha. Structure and pH-dependent conformational interconversion. FEBS Journal, 1989, 179, 629-637.	0.2	32
151	The solution structures of epidermal growth factor and transforming growth factor alpha. Progress in Growth Factor Research, 1989, 1, 13-22.	1.7	66
152	High resolution 1 H NMR study of the solution structure of the S4 segment of the sodium channel protein. FEBS Letters, 1989, 257, 113-117.	1.3	45
153	The structure of melittin. A 1H-NMR study in methanol. FEBS Journal, 1988, 173, 139-146.	0.2	247
154	Protein structure determination by nuclear magnetic resonance. BioEssays, 1988, 8, 52-56.	1.2	17
155	High-resolution proton NMR study of the solution structure of .delta.-hemolysin. Biochemistry, 1988, 27, 1643-1647.	1.2	75
156	A nuclear magnetic resonance study of alamethicin-, Î´-haemolysin-, and melittin-induced sodium leakage from large unilamellar vesicles. Biochemical Society Transactions, 1988, 16, 594-595.	1.6	3
157	Measurement of peptide transport using proton nuclear magnetic resonance spectroscopy. Biochemical Society Transactions, 1988, 16, 635-636.	1.6	2
158	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.	0.2	3
159	NMR studies of kinetics in cells and tissues. Quarterly Reviews of Biophysics, 1987, 19, 159-182.	2.4	51
160	High-resolution proton NMR study of the solution structure of alamethicin. Biochemistry, 1987, 26, 1043-1050.	1.2	142
161	Protein structure determination by NMR. Trends in Biotechnology, 1987, 5, 302-306.	4.9	8
162	The solution structure of human epidermal growth factor. Nature, 1987, 327, 339-341.	13.7	363

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163	Effects of K+ on mitochondrial respiration. Biochemical Society Transactions, 1986, 14, 774-775.	1.6	1
164	A 1H-NMR study of the activity expressed by lactate dehydrogenase in the human erythrocyte. FEBS Journal, 1986, 158, 299-305.	0.2	27
165	NMR studies of enzymes. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1986, 324, 437-441.	0.7	1
166	A multinuclear NMR study of 2,3-bisphosphoglycerate metabolism in the human erythrocyte. Biochimica Et Biophysica Acta - Molecular Cell Research, 1984, 805, 19-24.	1.9	26
167	Proton NMR measurements of hydrogen exchange at the C-3 position of 3-hydroxybutyrate in suspensions of rat liver mitochondria. FEBS Letters, 1983, 163, 185-188.	1.3	6
168	Association of aldolase with the membranes in concentrated human erythrocyte lysates. Biochemical Society Transactions, 1983, 11, 281-282.	1.6	3
169	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.	1.6	2
170	Observation of carbon labelling in cell metabolites using proton spin echo NMR. Biochemical and Biophysical Research Communications, 1982, 109, 864-871.	1.0	35
171	Structural Homology of Cytochromes c. FEBS Journal, 1978, 83, 261-275.	0.2	46
172	Human erythrocyte metabolism studies by 1 H spin echo NMR. FEBS Letters, 1977, 82, 12-16.	1.3	277
173	Temperature dependent molecular motion of a tyrosine residue of ferrocytochromeC. FEBS Letters, 1976, 70, 96-100.	1.3	138
174	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.	2.0	47
175	Intramolecular nuclear Overhauser effects in proton magnetic resonance spectra of proteins. Journal of the Chemical Society Chemical Communications, 1974, , 888.	2.0	29