

V Trevor Forsyth

List of Publications by Year in descending order

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139
papers

4,966
citations

101543

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h-index

106344

65
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146
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146
docs citations

146
times ranked

6353
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron crystallography reveals mechanisms used by <i>Pseudomonas aeruginosa</i> for host-cell binding. <i>Nature Communications</i> , 2022, 13, 194.	12.8	13
2	Cryo-EM structure of MsbA in saposin-lipid nanoparticles (Salipro) provides insights into nucleotide coordination. <i>FEBS Journal</i> , 2022, 289, 2959-2970.	4.7	12
3	Nanoscale Structure and Dynamics of Model Membrane Lipid Raft Systems, Studied by Neutron Scattering Methods. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	5
4	Microgravity crystallization of perdeuterated tryptophan synthase for neutron diffraction. <i>Npj Microgravity</i> , 2022, 8, 13.	3.7	5
5	Production of perdeuterated fucose from glyco-engineered bacteria. <i>Glycobiology</i> , 2021, 31, 151-158.	2.5	6
6	Nanostructural deformation of high-stiffness spruce wood under tension. <i>Scientific Reports</i> , 2021, 11, 453.	3.3	14
7	Elongation rate and average length of amyloid fibrils in solution using isotope-labelled small-angle neutron scattering. <i>RSC Chemical Biology</i> , 2021, 2, 1232-1238.	4.1	5
8	Apolipoprotein E Binding Drives Structural and Compositional Rearrangement of mRNA-Containing Lipid Nanoparticles. <i>ACS Nano</i> , 2021, 15, 6709-6722.	14.6	138
9	Structural insights into protein folding, stability and activity using <i>in vivo</i> perdeuteration of hen egg-white lysozyme. <i>IUCr</i> , 2021, 8, 372-386.	2.2	4
10	ApoE and ApoE Nascent-Like HDL Particles at Model Cellular Membranes: Effect of Protein Isoform and Membrane Composition. <i>Frontiers in Chemistry</i> , 2021, 9, 630152.	3.6	6
11	Metabolic fluxes for nutritional flexibility of <i>Mycobacterium tuberculosis</i> . <i>Molecular Systems Biology</i> , 2021, 17, e10280.	7.2	19
12	Visualization of hydrogen atoms in a perdeuterated lectin-fucose complex reveals key details of protein-carbohydrate interactions. <i>Structure</i> , 2021, 29, 1003-1013.e4.	3.3	8
13	SARS-CoV-2 spike protein removes lipids from model membranes and interferes with the capacity of high density lipoprotein to exchange lipids. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 732-739.	9.4	18
14	The impact of folding modes and deuteration on the atomic resolution structure of hen egg-white lysozyme. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 1579-1590.	2.3	3
15	Thermal Neutron Relative Biological Effectiveness Factors for Boron Neutron Capture Therapy from In Vitro Irradiations. <i>Cells</i> , 2020, 9, 2144.	4.1	1
16	Lipoprotein ability to exchange and remove lipids from model membranes as a function of fatty acid saturation and presence of cholesterol. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158769.	2.4	12
17	Radiobiology data of melanoma cells after low-energy neutron irradiation and boron compound administration. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109205.	1.5	1
18	Neutron scattering for structural biology. <i>Physics Today</i> , 2020, 73, 36-42.	0.3	9

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19	A Dimerization Site at SCR-17/18 in Factor H Clarifies a New Mechanism for Complement Regulatory Control. <i>Frontiers in Immunology</i> , 2020, 11, 601895.	4.8	3
20	Hierarchical Nanotube Self-Assembly of DNA Minor Groove-Binding Ligand DB921 via Alkali Halide Triggering. <i>Macromolecular Symposia</i> , 2019, 386, 1800243.	0.7	0
21	In Vivo Water Dynamics in <i>Shewanella oneidensis</i> Bacteria at High Pressure. <i>Scientific Reports</i> , 2019, 9, 8716.	3.3	13
22	Towards a molecular understanding of the water purification properties of Moringa seed proteins. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 296-304.	9.4	34
23	Comparison of lipidic carrier systems for integral membrane proteins – MsbA as case study. <i>Biological Chemistry</i> , 2019, 400, 1509-1518.	2.5	15
24	Time-resolved small-angle neutron scattering as a probe for the dynamics of lipid exchange between human lipoproteins and naturally derived membranes. <i>Scientific Reports</i> , 2019, 9, 7591.	3.3	19
25	The Production of Matchout-Deuterated Cholesterol and the Study of Bilayer-Cholesterol Interactions. <i>Scientific Reports</i> , 2019, 9, 5118.	3.3	22
26	Protein Short-Time Diffusion in a Naturally Crowded Environment. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1709-1715.	4.6	30
27	A molecular mechanism for transthyretin amyloidogenesis. <i>Nature Communications</i> , 2019, 10, 925.	12.8	92
28	Dynamic self-assembly of DNA minor groove-binding ligand DB921 into nanotubes triggered by an alkali halide. <i>Nanoscale</i> , 2018, 10, 5550-5558.	5.6	6
29	Adsorption of Denaturated Lysozyme at the Air-Water Interface: Structure and Morphology. <i>Langmuir</i> , 2018, 34, 5020-5029.	3.5	24
30	Localization of Cholesterol within Supported Lipid Bilayers Made of a Natural Extract of Tailor-Deuterated Phosphatidylcholine. <i>Langmuir</i> , 2018, 34, 472-479.	3.5	36
31	Perdeuteration of cholesterol for neutron scattering applications using recombinant <i>Pichia pastoris</i> . <i>Chemistry and Physics of Lipids</i> , 2018, 212, 80-87.	3.2	27
32	Analysis of Fibrous Assembly Orientations from XFEL Diffraction Data. , 2018, , .		0
33	Neutron scattering for the study of biological systems – major opportunities within a rapidly changing landscape. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 1126-1128.	2.3	1
34	Structural basis for activation of plasma-membrane Ca ²⁺ -ATPase by calmodulin. <i>Communications Biology</i> , 2018, 1, 206.	4.4	30
35	A novel amyloid designable scaffold and potential inhibitor inspired by <sc>GAIIG</sc> of amyloid beta and the <sc>HIV</sc>-V3 loop. <i>FEBS Letters</i> , 2018, 592, 1777-1788.	2.8	18
36	Conformational States of ABC Transporter MsbA in a Lipid Environment Investigated by Small-Angle Scattering Using Stealth Carrier Nanodiscs. <i>Structure</i> , 2018, 26, 1072-1079.e4.	3.3	58

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37	Matchout deuterium labelling of proteins for small-angle neutron scattering studies using prokaryotic and eukaryotic expression systems and high cell-density cultures. <i>European Biophysics Journal</i> , 2017, 46, 425-432.	2.2	39
38	Flow-aligned, single-shot fiber diffraction using a femtosecond X-ray free-electron laser. <i>Cytoskeleton</i> , 2017, 74, 472-481.	2.0	12
39	Laser processing of protein films as a method for accomplishment of cell patterning at the microscale. <i>Biofabrication</i> , 2017, 9, 045004.	7.1	6
40	Computational design of amyloid self-assembling peptides bearing aromatic residues and the cell adhesive motif Arg-Gly-Asp. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 321-335.	3.4	14
41	Self-Assembled Amyloid Peptides with Arg-Gly-Asp (RGD) Motifs As Scaffolds for Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1404-1416.	5.2	38
42	Orientation and analysis of XFEL serial diffraction patterns from fibrous molecular assemblies. , 2017, , .		0
43	Back-exchange of deuterium in neutron crystallography: characterization by IR spectroscopy. <i>Journal of Applied Crystallography</i> , 2017, 50, 660-664.	4.5	8
44	<i>In vivo</i> analysis of the <i>Escherichia coli</i> ultrastructure by small-angle scattering. <i>IUCr</i> , 2017, 4, 751-757.	2.2	27
45	Analysis of XFEL serial diffraction data from individual crystalline fibrils. <i>IUCr</i> , 2017, 4, 795-811.	2.2	16
46	Biomolecular Deuteration for Neutron Structural Biology and Dynamics. <i>Methods in Enzymology</i> , 2016, 566, 113-157.	1.0	83
47	SEC-SANS: size exclusion chromatography combined <i>in situ</i> with small-angle neutron scattering. <i>Journal of Applied Crystallography</i> , 2016, 49, 2015-2020.	4.5	60
48	Impact of Deuteration on the Assembly Kinetics of Transthyretin Monitored by Native Mass Spectrometry and Implications for Amyloidoses. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9292-9296.	13.8	25
49	Impact of Deuteration on the Assembly Kinetics of Transthyretin Monitored by Native Mass Spectrometry and Implications for Amyloidoses. <i>Angewandte Chemie</i> , 2016, 128, 9438-9442.	2.0	3
50	Macromolecular structure phasing by neutron anomalous diffraction. <i>Scientific Reports</i> , 2016, 6, 31487.	3.3	14
51	Water Dynamics in <i>Shewanella oneidensis</i> at Ambient and High Pressure using Quasi-Elastic Neutron Scattering. <i>Scientific Reports</i> , 2016, 6, 18862.	3.3	18
52	Human CD4 Metastability Is a Function of the Allosteric Disulfide Bond in Domain 2. <i>Biochemistry</i> , 2016, 55, 2227-2237.	2.5	13
53	Structure of the H-NS-DNA nucleoprotein complex. <i>Soft Matter</i> , 2016, 12, 3636-3642.	2.7	9
54	The aggregation of native-human serum albumin. <i>European Biophysics Journal</i> , 2015, 44, 367-371.	2.2	7

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55	Biosynthetic preparation of selectively deuterated phosphatidylcholine in genetically modified <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 241-254.	3.6	31
56	Light-emitting self-assembled peptide nucleic acids exhibit both stacking interactions and Watson-Crick base pairing. <i>Nature Nanotechnology</i> , 2015, 10, 353-360.	31.5	136
57	The Pentameric Nucleoplasmin Fold Is Present in <i>Drosophila</i> FKBP39 and a Large Number of Chromatin-Related Proteins. <i>Journal of Molecular Biology</i> , 2015, 427, 1949-1963.	4.2	29
58	Negative electronic compressibility and tunable spin splitting in WSe ₂ . <i>Nature Nanotechnology</i> , 2015, 10, 1043-1047.	31.5	85
59	Diffraction evidence for the structure of cellulose microfibrils in bamboo, a model for grass and cereal celluloses. <i>BMC Plant Biology</i> , 2015, 15, 153.	3.6	35
60	Structure and spacing of cellulose microfibrils in woody cell walls of dicots. <i>Cellulose</i> , 2014, 21, 3887-3895.	4.9	45
61	The self-assembling zwitterionic form of L-phenylalanine at neutral pH. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 326-331.	0.5	55
62	Interfacial Structure of Immobilized Antibodies and Perdeuterated HSA in Model Pregnancy Tests Measured with Neutron Reflectivity. <i>Langmuir</i> , 2014, 30, 5880-5887.	3.5	8
63	Self-Assembly of an Aspartate-Rich Sequence from the Adenovirus Fiber Shaft: Insights from Molecular Dynamics Simulations and Experiments. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1765-1774.	2.6	22
64	Intrinsic disorder within the erythrocyte binding-like proteins from <i>Plasmodium falciparum</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2306-2314.	2.3	9
65	L-Arabinose Binding, Isomerization, and Epimerization by D-Xylose Isomerase: X-Ray/Neutron Crystallographic and Molecular Simulation Study. <i>Structure</i> , 2014, 22, 1287-1300.	3.3	22
66	SPINE-compatible 'carboloops': a new microshaped vitreous carbon sample mount for X-ray and neutron crystallography. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 681-684.	0.8	3
67	Stealth carriers for low-resolution structure determination of membrane proteins in solution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 317-328.	2.5	63
68	Binding site asymmetry in human transthyretin: insights from a joint neutron and X-ray crystallographic analysis using perdeuterated protein. <i>IUCr</i> , 2014, 1, 429-438.	2.2	28
69	Mineralized self-assembled peptides on 3D laser-made scaffolds: a new route toward scaffold on scaffold™ hard tissue engineering. <i>Biofabrication</i> , 2013, 5, 045002.	7.1	44
70	Structure and dynamics of a complex of cellulose with EDA: insights into the action of amines on cellulose. <i>Cellulose</i> , 2013, 20, 1563-1571.	4.9	18
71	Near-Atomic Resolution Neutron Crystallography on Perdeuterated <i>Pyrococcus furiosus</i> Rubredoxin: Implication of Hydronium Ions and Protonation State Equilibria in Redox Changes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1022-1025.	13.8	56
72	Adsorption of Î±-Synuclein to Supported Lipid Bilayers: Positioning and Role of Electrostatics. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1339-1351.	3.5	82

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73	Solution conformations of early intermediates in Mos1 transposition. <i>Nucleic Acids Research</i> , 2013, 41, 2020-2033.	14.5	27
74	Collective Dynamics of Intracellular Water in Living Cells. <i>Journal of Physics: Conference Series</i> , 2012, 340, 012091.	0.4	8
75	Inhibition of D-xylose isomerase by polyols: atomic details by joint X-ray/neutron crystallography. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 1201-1206.	2.5	18
76	Structure of Cellulose Microfibrils in Primary Cell Walls from <i>Collenchyma</i> . <i>Plant Physiology</i> , 2012, 161, 465-476.	4.8	268
77	Direct Determination of the Hydrogen Bonding Arrangement in Anhydrous β -Chitin by Neutron Fiber Diffraction. <i>Biomacromolecules</i> , 2012, 13, 288-291.	5.4	39
78	The Rheological and Structural Properties of Fmoc-Peptide-Based Hydrogels: The Effect of Aromatic Molecular Architecture on Self-Assembly and Physical Characteristics. <i>Langmuir</i> , 2012, 28, 2015-2022.	3.5	158
79	Water in Crystalline Fibers of Dihydrate β -Chitin Results in Unexpected Absence of Intramolecular Hydrogen Bonding. <i>PLoS ONE</i> , 2012, 7, e39376.	2.5	55
80	Bilayer-Mediated Clustering and Functional Interaction of MscL Channels. <i>Biophysical Journal</i> , 2011, 100, 1252-1260.	0.5	87
81	Inducing phase changes in crystals of macromolecules: Status and perspectives for controlled crystal dehydration. <i>Journal of Structural Biology</i> , 2011, 175, 236-243.	2.8	51
82	Neutron crystallographic and molecular dynamics studies of the structure of ammonia-cellulose I: rearrangement of hydrogen bonding during the treatment of cellulose with ammonia. <i>Cellulose</i> , 2011, 18, 191-206.	4.9	39
83	Neutron fibre diffraction studies of amyloid using H_2O/D_2O isotopic replacement. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 332-335.	0.7	6
84	Preliminary neutron crystallographic study of human transthyretin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1428-1431.	0.7	4
85	Identification of the Elusive Hydronium Ion Exchanging Roles with a Proton in an Enzyme at Lower pH. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7520-7523.	13.8	62
86	Direct Determination of the Base-Pair Force Constant of DNA from the Acoustic Phonon Dispersion of the Double Helix. <i>Physical Review Letters</i> , 2011, 107, 088102.	7.8	24
87	Nanostructure of cellulose microfibrils in spruce wood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E1195-203.	7.1	597
88	Metal Ion Roles and the Movement of Hydrogen during Reaction Catalyzed by D-Xylose Isomerase: A Joint X-Ray and Neutron Diffraction Study. <i>Structure</i> , 2010, 18, 688-699.	3.3	139
89	Combined neutron and X-ray diffraction studies of DNA in crystals and solutions. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 1244-1248.	2.5	10
90	Sweet neutron crystallography. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 1139-1143.	2.5	5

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91	Using neutron protein crystallography to understand enzyme mechanisms. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 1257-1261.	2.5	5
92	Looking at hydrogen bonds in cellulose. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 1172-1177.	2.5	48
93	Crystallization and preliminary X-ray diffraction analysis of human cytosolic seryl-tRNA synthetase. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1521-1524.	0.7	2
94	Effect of crowding on the conformation of interwound DNA strands from neutron scattering measurements and Monte Carlo simulations. Physical Review E, 2010, 81, 061905.	2.1	13
95	Solution Structure and Characterisation of the Human Pyruvate Dehydrogenase Complex Core Assembly. Journal of Molecular Biology, 2010, 399, 71-93.	4.2	52
96	Design of metal-binding sites onto self-assembled peptide fibrils. Biopolymers, 2009, 92, 164-172.	2.4	95
97	A preliminary neutron crystallographic study of an A-DNA crystal. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 232-235.	0.7	7
98	Force-induced structural transitions in cross-linked DNA films. European Biophysics Journal, 2008, 37, 749-757.	2.2	3
99	Selective deuteration of tryptophan and methionine residues in maltose binding protein: a model system for neutron scattering. European Biophysics Journal, 2008, 37, 815-822.	2.2	23
100	A preliminary neutron crystallographic study of thaumatin. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 378-381.	0.7	12
101	Absorption correction based on a three-dimensional model reconstruction from visual images. Journal of Applied Crystallography, 2008, 41, 729-737.	4.5	9
102	New sources and instrumentation for neutrons in biology. Chemical Physics, 2008, 345, 133-151.	1.9	53
103	Neutron Crystallography, Molecular Dynamics, and Quantum Mechanics Studies of the Nature of Hydrogen Bonding in Cellulose I _β . Biomacromolecules, 2008, 9, 3133-3140.	5.4	215
104	The structure of celluloses. Powder Diffraction, 2008, 23, 92-95.	0.2	33
105	NMR crystallography: The effect of deuteration on high resolution ¹³ C solid state NMR spectra of a 7-TM protein. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 3029-3035.	2.6	23
106	Phonon dispersion of oriented DNA by inelastic x-ray scattering. Physical Review E, 2006, 73, 061909.	2.1	39
107	Structural studies on acridine derivatives binding to telomeric DNA. Physica B: Condensed Matter, 2006, 385-386, 845-847.	2.7	2
108	X-rays and neutrons for the study of DNA structure, hydration, and transitions. Physica B: Condensed Matter, 2006, 385-386, 848-852.	2.7	1

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109	Neutrons in biology: Institut Laue - Langevin, 4 th September 2005. European Biophysics Journal, 2006, 35, 549-550.	2.2	0
110	High-Angle Neutron Fiber Diffraction in the Study of Biological Systems. Biological and Medical Physics Series, 2006, , 85-105.	0.4	1
111	Combined X-ray and neutron fibre diffraction studies of biological and synthetic polymers. Nuclear Instruments & Methods in Physics Research B, 2005, 238, 7-15.	1.4	3
112	Amyloid Character of Self-Assembling Proteins Based on Adenovirus Fiber Shaft Sequences: A Fibrous Biomaterial Revisited. Nanobiotechnology, 2005, 1, 219-226.	1.2	0
113	Amyloid Fibril Formation from Sequences of a Natural β -Structured Fibrous Protein, the Adenovirus Fiber. Journal of Biological Chemistry, 2005, 280, 2481-2490.	3.4	63
114	Neutron Vibrational Spectroscopy Gives New Insights into the Structure of Poly(p-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	18.7	21
115	Nanofibrillar Structure and Molecular Mobility in Spider Dragline Silk. Macromolecules, 2005, 38, 8447-8453.	4.8	73
116	Études par diffraction de fibres de l'ADN double brin. European Physical Journal Special Topics, 2005, 130, 63-74.	0.2	0
117	Water-DNA interactions as studied by X-ray and neutron fibre diffraction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 1237-1248.	4.0	61
118	New Insights into the Structure of Poly(p-phenylene terephthalamide) from Neutron Fiber Diffraction Studies. Macromolecules, 2004, 37, 9654-9656.	4.8	31
119	Adenovirus Fibre Shaft Sequences Fold into the Native Triple Beta-Spiral Fold when N-terminally Fused to the Bacteriophage T4 Fibrin Foldon Trimerisation Motif. Journal of Molecular Biology, 2004, 342, 219-227.	4.2	31
120	Comparative neutron and X-ray study of [PPN][Hf ₄ (CO) ₉ ($\frac{1}{4}$ -Ph ₂ PCH ₂ PPh ₂)]. Zeitschrift Fur Kristallographie - Crystalline Materials, 2004, 219, 47-53.	0.8	6
121	Crystals of repressor suitable for high-resolution neutron Laue diffraction studies. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 136-138.	2.5	6
122	The Mechanical Properties of Hydrated Intermediate Filaments: Insights from Hagfish Slime Threads. Biophysical Journal, 2003, 85, 2015-2027.	0.5	228
123	On the Reliability of C-H...O Interactions in Crystal Engineering: Synthesis and Structure of Two Hydrogen Bonded Phosphonium Bis(aryloxide) Salts. Crystal Growth and Design, 2002, 2, 163-169.	3.0	37
124	Neutron Diffraction Study of a Phenol-Nitroxide Radical Adduct: A Structural Model for Hydrogen Atom Abstraction by Peroxyl Radicals from Vitamin E and Related Phenolic Antioxidants. Journal of the American Chemical Society, 2001, 123, 9164-9165.	18.7	23
125	A fast new diffractometer for chemical crystallography, small proteins and fiber diffraction. Neutron News, 2001, 12, 20-25.	0.2	12
126	A peptide from the adenovirus fiber shaft forms amyloid-type fibrils. FEBS Letters, 2000, 468, 23-27.	2.8	36

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127	New Developments in Instrumentation for X-ray and Neutron Fibre Diffraction Experiments. Journal of Applied Crystallography, 1998, 31, 758-766.	4.5	17
128	DNA Hydration Studied by Neutron Fiber Diffraction. , 1996, 64, 345-358.		3
129	Time-of-Flight Laue Fiber Diffraction Studies of Perdeuterated DNA. , 1996, 64, 359-367.		0
130	Attenuation corrections for X-ray and neutron fibre diffraction studies. Journal of Applied Crystallography, 1995, 28, 49-52.	4.5	2
131	Structure factor calculations for a side-by-side model of B-DNA. International Journal of Biological Macromolecules, 1994, 16, 195-205.	7.5	0
132	A High Angle Neutron Fibre Diffraction Study of the Hydration of the A Conformation of the DNA Double Helix. Journal of Biomolecular Structure and Dynamics, 1992, 10, 489-503.	3.5	42
133	X-ray camera for high- and small-angle x-ray diffraction studies of the drawing and annealing of polymers at Daresbury Synchrotron Radiation Source. Review of Scientific Instruments, 1992, 63, 1087-1090.	1.3	28
134	High-angle neutron fiber diffraction studies of DNA. Neutron News, 1992, 3, 21-24.	0.2	8
135	Neutron fibre diffraction study of DNA hydration. International Journal of Biological Macromolecules, 1989, 11, 236-240.	7.5	35
136	DNA and the hydration economy. Nature, 1988, 335, 596-596.	27.8	9
137	Time-Resolved X-Ray Fibre Diffraction Studies of Structural Transitions in the DNA Double-Helix Using the Daresbury SRS. Springer Series in Biophysics, 1987, , 19-31.	0.4	0
138	X-ray high-angle fibre diffraction studies of nucleic acid structure using the Daresbury Synchrotron Radiation Source. Biochemical Society Transactions, 1986, 14, 553-557.	3.4	16
139	Time-resolved X-ray diffraction studies of the B in equilibrium D structural transition in the DNA double helix. Science, 1986, 233, 195-197.	12.6	55