

V Trevor Forsyth

List of Publications by Year in descending order

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139
papers

4,966
citations

101543

36
h-index

106344

65
g-index

146
all docs

146
docs citations

146
times ranked

6353
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructure of cellulose microfibrils in spruce wood. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1195-203.	7.1	597
2	Structure of Cellulose Microfibrils in Primary Cell Walls from Collenchyma. Plant Physiology, 2012, 161, 465-476.	4.8	268
3	The Mechanical Properties of Hydrated Intermediate Filaments: Insights from Hagfish Slime Threads. Biophysical Journal, 2003, 85, 2015-2027.	0.5	228
4	Neutron Crystallography, Molecular Dynamics, and Quantum Mechanics Studies of the Nature of Hydrogen Bonding in Cellulose. Biomacromolecules, 2008, 9, 3133-3140.	5.4	215
5	The Rheological and Structural Properties of Fmoc-Peptide-Based Hydrogels: The Effect of Aromatic Molecular Architecture on Self-Assembly and Physical Characteristics. Langmuir, 2012, 28, 2015-2022.	3.5	158
6	Metal Ion Roles and the Movement of Hydrogen during Reaction Catalyzed by D-Xylose Isomerase: A Joint X-Ray and Neutron Diffraction Study. Structure, 2010, 18, 688-699.	3.3	139
7	Apolipoprotein E Binding Drives Structural and Compositional Rearrangement of mRNA-Containing Lipid Nanoparticles. ACS Nano, 2021, 15, 6709-6722.	14.6	138
8	Light-emitting self-assembled peptide nucleic acids exhibit both stacking interactions and Watson-Crick base pairing. Nature Nanotechnology, 2015, 10, 353-360.	31.5	136
9	Design of metal-binding sites onto self-assembled peptide fibrils. Biopolymers, 2009, 92, 164-172.	2.4	95
10	A molecular mechanism for transthyretin amyloidogenesis. Nature Communications, 2019, 10, 925.	12.8	92
11	Bilayer-Mediated Clustering and Functional Interaction of MscL Channels. Biophysical Journal, 2011, 100, 1252-1260.	0.5	87
12	Negative electronic compressibility and tunable spin splitting in WSe ₂ . Nature Nanotechnology, 2015, 10, 1043-1047.	31.5	85
13	Biomolecular Deuteration for Neutron Structural Biology and Dynamics. Methods in Enzymology, 2016, 566, 113-157.	1.0	83
14	Adsorption of β -Synuclein to Supported Lipid Bilayers: Positioning and Role of Electrostatics. ACS Chemical Neuroscience, 2013, 4, 1339-1351.	3.5	82
15	Nanofibrillar Structure and Molecular Mobility in Spider Dragline Silk. Macromolecules, 2005, 38, 8447-8453.	4.8	73
16	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
17	Stealth carriers for low-resolution structure determination of membrane proteins in solution. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 317-328.	2.5	63
18	Identification of the Elusive Hydronium Ion Exchanging Roles with a Proton in an Enzyme at Lower pH Values. Angewandte Chemie - International Edition, 2011, 50, 7520-7523.	13.8	62

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19	Waterâ€™DNA interactions as studied by Xâ€™ray and neutron fibre diffraction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 1237-1248.	4.0	61
20	SEC-SANS: size exclusion chromatography combined <i>in situ</i> with small-angle neutron scattering. Journal of Applied Crystallography, 2016, 49, 2015-2020.	4.5	60
21	Conformational States of ABC Transporter MsbA in a Lipid Environment Investigated by Small-Angle Scattering Using Stealth Carrier Nanodiscs. Structure, 2018, 26, 1072-1079.e4.	3.3	58
22	Near-Atomic Resolution Neutron Crystallography on Perdeuterated <i>Pyrococcus furiosus</i> Rubredoxin: Implication of Hydronium Ions and Protonation State Equilibria in Redox Changes. Angewandte Chemie - International Edition, 2013, 52, 1022-1025.	13.8	56
23	Time-resolved X-ray diffraction studies of the B to equilibrium D structural transition in the DNA double helix. Science, 1986, 233, 195-197.	12.6	55
24	Water in Crystalline Fibers of Dihydrate Î²-Chitin Results in Unexpected Absence of Intramolecular Hydrogen Bonding. PLoS ONE, 2012, 7, e39376.	2.5	55
25	The self-assembling zwitterionic form of L-phenylalanine at neutral pH. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 326-331.	0.5	55
26	New sources and instrumentation for neutrons in biology. Chemical Physics, 2008, 345, 133-151.	1.9	53
27	Solution Structure and Characterisation of the Human Pyruvate Dehydrogenase Complex Core Assembly. Journal of Molecular Biology, 2010, 399, 71-93.	4.2	52
28	Inducing phase changes in crystals of macromolecules: Status and perspectives for controlled crystal dehydration. Journal of Structural Biology, 2011, 175, 236-243.	2.8	51
29	Looking at hydrogen bonds in cellulose. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 1172-1177.	2.5	48
30	Structure and spacing of cellulose microfibrils in woody cell walls of dicots. Cellulose, 2014, 21, 3887-3895.	4.9	45
31	Mineralized self-assembled peptides on 3D laser-made scaffolds: a new route toward <i>in situ</i> scaffold on scaffoldâ€™ hard tissue engineering. Biofabrication, 2013, 5, 045002.	7.1	44
32	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
33	Phonon dispersion of oriented DNA by inelastic x-ray scattering. Physical Review E, 2006, 73, 061909.	2.1	39
34	Neutron crystallographic and molecular dynamics studies of the structure of ammonia-cellulose I: rearrangement of hydrogen bonding during the treatment of cellulose with ammonia. Cellulose, 2011, 18, 191-206.	4.9	39
35	Direct Determination of the Hydrogen Bonding Arrangement in Anhydrous Î²-Chitin by Neutron Fiber Diffraction. Biomacromolecules, 2012, 13, 288-291.	5.4	39
36	Matchout deuterium labelling of proteins for small-angle neutron scattering studies using prokaryotic and eukaryotic expression systems and high cell-density cultures. European Biophysics Journal, 2017, 46, 425-432.	2.2	39

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37	Self-Assembled Amyloid Peptides with Arg-Gly-Asp (RGD) Motifs As Scaffolds for Tissue Engineering. ACS Biomaterials Science and Engineering, 2017, 3, 1404-1416.	5.2	38
38	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
39	A peptide from the adenovirus fiber shaft forms amyloid-type fibrils. FEBS Letters, 2000, 468, 23-27.	2.8	36
40	Localization of Cholesterol within Supported Lipid Bilayers Made of a Natural Extract of Tailor-Deuterated Phosphatidylcholine. Langmuir, 2018, 34, 472-479.	3.5	36
41	Neutron fibre diffraction study of DNA hydration. International Journal of Biological Macromolecules, 1989, 11, 236-240.	7.5	35
42	Diffraction evidence for the structure of cellulose microfibrils in bamboo, a model for grass and cereal celluloses. BMC Plant Biology, 2015, 15, 153.	3.6	35
43	Towards a molecular understanding of the water purification properties of Moringa seed proteins. Journal of Colloid and Interface Science, 2019, 554, 296-304.	9.4	34
44	The structure of celluloses. Powder Diffraction, 2008, 23, 92-95.	0.2	33
45	New Insights into the Structure of Poly(p-phenylene terephthalamide) from Neutron Fiber Diffraction Studies. Macromolecules, 2004, 37, 9654-9656.	4.8	31
46	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
47	Biosynthetic preparation of selectively deuterated phosphatidylcholine in genetically modified Escherichia coli. Applied Microbiology and Biotechnology, 2015, 99, 241-254.	3.6	31
48	Structural basis for activation of plasma-membrane Ca ²⁺ -ATPase by calmodulin. Communications Biology, 2018, 1, 206.	4.4	30
49	Protein Short-Time Diffusion in a Naturally Crowded Environment. Journal of Physical Chemistry Letters, 2019, 10, 1709-1715.	4.6	30
50	The Pentameric Nucleoplasmin Fold Is Present in Drosophila FKBP39 and a Large Number of Chromatin-Related Proteins. Journal of Molecular Biology, 2015, 427, 1949-1963.	4.2	29
51	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
52	Binding site asymmetry in human transthyretin: insights from a joint neutron and X-ray crystallographic analysis using perdeuterated protein. IUCr, 2014, 1, 429-438.	2.2	28
53	Solution conformations of early intermediates in Mos1 transposition. Nucleic Acids Research, 2013, 41, 2020-2033.	14.5	27
54	Perdeuteration of cholesterol for neutron scattering applications using recombinant Pichia pastoris. Chemistry and Physics of Lipids, 2018, 212, 80-87.	3.2	27

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55	<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
56	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
57	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
58	Adsorption of Denaturated Lysozyme at the Air-Water Interface: Structure and Morphology. <i>Langmuir</i> , 2018, 34, 5020-5029.	3.5	24
59	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. <i>Journal of the American Chemical Society</i> , 2001, 123, 9164-9165.	13.7	23
60	NMR crystallography: The effect of deuteration on high resolution ¹³ C solid state NMR spectra of a 7-TM protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 3029-3035.	2.6	23
61	Selective deuteration of tryptophan and methionine residues in maltose binding protein: a model system for neutron scattering. <i>European Biophysics Journal</i> , 2008, 37, 815-822.	2.2	23
62	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
63	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
64	The Production of Matchout-Deuterated Cholesterol and the Study of Bilayer-Cholesterol Interactions. <i>Scientific Reports</i> , 2019, 9, 5118.	3.3	22
65	Neutron Vibrational Spectroscopy Gives New Insights into the Structure of Poly(p-phenylene) Tj ETQq1 1 0.784314, rBT /Overlock 10	15.7	21
66	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
67	Metabolic fluxes for nutritional flexibility of <i>Mycobacterium tuberculosis</i> . <i>Molecular Systems Biology</i> , 2021, 17, e10280.	7.2	19
68	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
69	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
70	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
71	A novel amyloid designable scaffold and potential inhibitor inspired by ^{GAIIG} of amyloid beta and the ^{HIV} V3 loop. <i>FEBS Letters</i> , 2018, 592, 1777-1788.	2.8	18
72	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

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73	New Developments in Instrumentation for X-ray and Neutron Fibre Diffraction Experiments. <i>Journal of Applied Crystallography</i> , 1998, 31, 758-766.	4.5	17
74	X-ray high-angle fibre diffraction studies of nucleic acid structure using the Daresbury Synchrotron Radiation Source. <i>Biochemical Society Transactions</i> , 1986, 14, 553-557.	3.4	16
75	Analysis of XFEL serial diffraction data from individual crystalline fibrils. <i>IUCr</i> , 2017, 4, 795-811.	2.2	16
76	Comparison of lipidic carrier systems for integral membrane proteins – MsbA as case study. <i>Biological Chemistry</i> , 2019, 400, 1509-1518.	2.5	15
77	Macromolecular structure phasing by neutron anomalous diffraction. <i>Scientific Reports</i> , 2016, 6, 31487.	3.3	14
78	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
79	Nanostructural deformation of high-stiffness spruce wood under tension. <i>Scientific Reports</i> , 2021, 11, 453.	3.3	14
80	Effect of crowding on the conformation of interwound DNA strands from neutron scattering measurements and Monte Carlo simulations. <i>Physical Review E</i> , 2010, 81, 061905.	2.1	13
81	Human CD4 Metastability Is a Function of the Allosteric Disulfide Bond in Domain 2. <i>Biochemistry</i> , 2016, 55, 2227-2237.	2.5	13
82	In Vivo Water Dynamics in <i>Shewanella oneidensis</i> Bacteria at High Pressure. <i>Scientific Reports</i> , 2019, 9, 8716.	3.3	13
83	Neutron crystallography reveals mechanisms used by <i>Pseudomonas aeruginosa</i> for host-cell binding. <i>Nature Communications</i> , 2022, 13, 194.	12.8	13
84	A fast new diffractometer for chemical crystallography, small proteins and fiber diffraction. <i>Neutron News</i> , 2001, 12, 20-25.	0.2	12
85	A preliminary neutron crystallographic study of thaumatin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 378-381.	0.7	12
86	Flow-aligned, single-shot fiber diffraction using a femtosecond X-ray free-electron laser. <i>Cytoskeleton</i> , 2017, 74, 472-481.	2.0	12
87	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
88	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
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	DNA and the hydration economy. <i>Nature</i> , 1988, 335, 596-596.	27.8	9

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91	Absorption correction based on a three-dimensional model reconstruction from visual images. <i>Journal of Applied Crystallography</i> , 2008, 41, 729-737.	4.5	9
92	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
93	Structure of the H-NS-DNA nucleoprotein complex. <i>Soft Matter</i> , 2016, 12, 3636-3642.	2.7	9
94	Neutron scattering for structural biology. <i>Physics Today</i> , 2020, 73, 36-42.	0.3	9
95	High-angle neutron fiber diffraction studies of DNA. <i>Neutron News</i> , 1992, 3, 21-24.	0.2	8
96	Collective Dynamics of Intracellular Water in Living Cells. <i>Journal of Physics: Conference Series</i> , 2012, 340, 012091.	0.4	8
97	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
98	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
99	Back-exchange of deuterium in neutron crystallography: characterization by IR spectroscopy. <i>Journal of Applied Crystallography</i> , 2017, 50, 660-664.	4.5	8
100	A preliminary neutron crystallographic study of an A-DNA crystal. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 232-235.	0.7	7
101	The aggregation of native-human serum albumin. <i>European Biophysics Journal</i> , 2015, 44, 367-371.	2.2	7
102	Crystals of trypsin suitable for high-resolution neutron Laue diffraction studies. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 136-138.	2.5	6
103	Comparative neutron and X-ray study of [PPN][Hf ₄ (CO) ₉ (1/4-Ph ₂ PCH ₂ PPh ₂)]. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2004, 219, 47-53.	0.8	6
104	Neutron fibre diffraction studies of amyloid using H ₂ O/D ₂ O isotopic replacement. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 332-335.	0.7	6
105	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
106	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
107	Production of perdeuterated fucose from glyco-engineered bacteria. <i>Glycobiology</i> , 2021, 31, 151-158.	2.5	6
108	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

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109	Sweet neutron crystallography. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 1139-1143.	2.5	5
110	Using neutron protein crystallography to understand enzyme mechanisms. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 1257-1261.	2.5	5
111	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
112	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
113	Microgravity crystallization of perdeuterated tryptophan synthase for neutron diffraction. <i>Npj Microgravity</i> , 2022, 8, 13.	3.7	5
114	Preliminary neutron crystallographic study of human transthyretin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1428-1431.	0.7	4
115	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
116	Combined X-ray and neutron fibre diffraction studies of biological and synthetic polymers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 238, 7-15.	1.4	3
117	Force-induced structural transitions in cross-linked DNA films. <i>European Biophysics Journal</i> , 2008, 37, 749-757.	2.2	3
118	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
119	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
120	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
121	DNA Hydration Studied by Neutron Fiber Diffraction. , 1996, 64, 345-358.		3
122	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
123	Attenuation corrections for X-ray and neutron fibre diffraction studies. <i>Journal of Applied Crystallography</i> , 1995, 28, 49-52.	4.5	2
124	Structural studies on acridine derivatives binding to telomeric DNA. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 845-847.	2.7	2
125	Crystallization and preliminary X-ray diffraction analysis of human cytosolic seryl-tRNA synthetase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1521-1524.	0.7	2
126	X-rays and neutrons for the study of DNA structure, hydration, and transitions. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 848-852.	2.7	1

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127	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
128	Thermal Neutron Relative Biological Effectiveness Factors for Boron Neutron Capture Therapy from In Vitro Irradiations. <i>Cells</i> , 2020, 9, 2144.	4.1	1
129	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
130	High-Angle Neutron Fiber Diffraction in the Study of Biological Systems. <i>Biological and Medical Physics Series</i> , 2006, , 85-105.	0.4	1
131	Structure factor calculations for a side-by-side model of B-DNA. <i>International Journal of Biological Macromolecules</i> , 1994, 16, 195-205.	7.5	0
132	Amyloid Character of Self-Assembling Proteins Based on Adenovirus Fiber Shaft Sequences: A Fibrous Biomaterial Revisited. <i>Nanobiotechnology</i> , 2005, 1, 219-226.	1.2	0
133	Neutrons in biology: Institut Laue – Langevin, 4–7 September 2005. <i>European Biophysics Journal</i> , 2006, 35, 549-550.	2.2	0
134	Orientation and analysis of XFEL serial diffraction patterns from fibrous molecular assemblies. , 2017, , .		0
135	Analysis of Fibrous Assembly Orientations from XFEL Diffraction Data. , 2018, , .		0
136	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
137	Études par diffraction de fibres de l'ADN double brin. <i>European Physical Journal Special Topics</i> , 2005, 130, 63-74.	0.2	0
138	Time-Resolved X-Ray Fibre Diffraction Studies of Structural Transitions in the DNA Double-Helix Using the Daresbury SRS. <i>Springer Series in Biophysics</i> , 1987, , 19-31.	0.4	0
139	Time-of-Flight Laue Fiber Diffraction Studies of Perdeuterated DNA. , 1996, 64, 359-367.		0