David M J Lilley

List of Publications by Year
in descending order

166 papers	9,519 citations	31976 53 h-index	43889 91 g-index
175 all docs	175 docs citations	175 times ranked	5486 citing authors

#	Article	IF	Citations
1	Fluorescence energy transfer shows that the four-way DNA junction is a right-handed cross of antiparallel molecules. Nature, 1989, 341, 763-766.	27.8	372
2	Structures of helical junctions in nucleic acids. Quarterly Reviews of Biophysics, 2000, 33, 109-159.	5.7	321
3	Structural dynamics of individual Holliday junctions. Nature Structural Biology, 2003, 10, 93-97.	9.7	311
4	Orientation dependence in fluorescent energy transfer between Cy3 and Cy5 terminally attached to double-stranded nucleic acids. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11176-11181.	7.1	301
5	Coordination of Structure-Specific Nucleases by Human SLX4/BTBD12 Is Required for DNA Repair. Molecular Cell, 2009, 35, 116-127.	9.7	300
6	Fluorescence resonance energy transfer analysis of the structure of the four-way DNA junction. Biochemistry, 1992, 31, 4846-4856.	2.5	270
7	Fluorescence-Force Spectroscopy Maps Two-Dimensional Reaction Landscape of the Holliday Junction. Science, 2007, 318, 279-283.	12.6	270
8	Folding of the Adenine Riboswitch. Chemistry and Biology, 2006, 13, 857-868.	6.0	255
9	Location of Cyanine-3 on Double-Stranded DNA:Â Importance for Fluorescence Resonance Energy Transfer Studiesâ€. Biochemistry, 2000, 39, 6317-6324.	2.5	226
10	A four-way junction accelerates hairpin ribozyme folding via a discrete intermediate. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9308-9313.	7.1	207
11	HMG has DNA wrapped up. Nature, 1992, 357, 282-283.	27.8	189
12	Vesicle Encapsulation Studies Reveal that Single Molecule Ribozyme Heterogeneities Are Intrinsic. Biophysical Journal, 2004, 87, 2798-2806.	0.5	189
13	NMR study of parallel-stranded tetraplex formation by the hexadeoxynucleotide d(TG4T). Nature, 1992, 360, 280-282.	27.8	188
14	RNA bulges and the helical periodicity of double-stranded RNA. Nature, 1990, 343, 484-487.	27.8	180
15	DNA bending induced by cruciform formation. Nature, 1985, 313, 154-156.	27.8	156
16	Structure, folding and mechanisms of ribozymes. Current Opinion in Structural Biology, 2005, 15, 313-323.	5.7	143
17	The kink-turn motif in RNA is dimorphic, and metal ion-dependent. Rna, 2004, 10, 254-264.	3.5	140
18	Folding of the natural hammerhead ribozyme is enhanced by interaction of auxiliary elements. Rna, 2004, 10, 880-888.	3.5	138

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19	Cooperative Control of Holliday Junction Resolution and DNA Repair by the SLX1 and MUS81-EME1 Nucleases. Molecular Cell, 2013, 52, 221-233.	9.7	132
20	Crystal structure and mechanistic investigation of the twister ribozyme. Nature Chemical Biology, 2014, 10, 739-744.	8.0	121
21	Exploring Rare Conformational Species and Ionic Effects in DNA Holliday Junctions Using Single-molecule Spectroscopy. Journal of Molecular Biology, 2004, 341, 739-751.	4.2	111
22	Observation of internal cleavage and ligation reactions of a ribozyme. Nature Structural and Molecular Biology, 2004, 11, 1107-1113.	8.2	104
23	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. Rna, 2020, 26, 982-995.	3.5	100
24	The origins of RNA catalysis in ribozymes. Trends in Biochemical Sciences, 2003, 28, 495-501.	7.5	99
25	TRF2 promotes, remodels and protects telomeric Holliday junctions. EMBO Journal, 2009, 28, 641-651.	7.8	99
26	Induced fit of RNA on binding the L7Ae protein to the kink-turn motif. Rna, 2005, 11, 1192-1200.	3.5	97
27	Crystal structure of the Varkud satellite ribozyme. Nature Chemical Biology, 2015, 11, 840-846.	8.0	96
28	The global structure of the VS ribozyme. EMBO Journal, 2002, 21, 2461-2471.	7.8	89
29	Observing spontaneous branch migration of Holliday junctions one step at a time. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5715-5720.	7.1	89
30	Structure and Activity of the Hairpin Ribozyme in Its Natural Junction Conformation: Effect of Metal Ionsâ€. Biochemistry, 1998, 37, 14195-14203.	2.5	86
31	Conformational Flexibility of Four-way Junctions in RNA. Journal of Molecular Biology, 2004, 336, 69-79.	4.2	86
32	A guanine nucleobase important for catalysis by the VS ribozyme. EMBO Journal, 2007, 26, 2489-2500.	7.8	86
33	The Caenorhabditis elegans Homolog of Gen1/Yen1 Resolvases Links DNA Damage Signaling to DNA Double-Strand Break Repair. PLoS Genetics, 2010, 6, e1001025.	3.5	86
34	The structure of branched DNA species. Quarterly Reviews of Biophysics, 1993, 26, 131-175.	5.7	81
35	Folding of the Four-Way RNA Junction of the Hairpin Ribozyme. Biochemistry, 1998, 37, 17629-17636.	2.5	81
36	Global Structure of Three-Way DNA Junctions with and without Additional Unpaired Bases:â€‰ A Fluorescence Resonance Energy Transfer Analysis. Biochemistry, 1997, 36, 13530-13538.	2.5	80

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37	Exchange between Stacking Conformers in a Four-Way DNA Junctionâ€. Biochemistry, 1998, 37, 23-32.	2.5	80
38	Importance of Specific Nucleotides in the Folding of the Natural Form of the Hairpin Ribozyme. Biochemistry, 2001, 40, 2291-2302.	2.5	80
39	The structural basis of Holliday junction resolution by T7 endonuclease I. Nature, 2007, 449, 621-624.	27.8	80
40	A structural database for k-turn motifs in RNA. Rna, 2010, 16, 1463-1468.	3.5	80
41	The Complete VS Ribozyme in Solution Studied by Small-Angle X-Ray Scattering. Structure, 2008, 16, 1357-1367.	3.3	78
42	The Varkud satellite ribozyme. Rna, 2004, 10, 151-158.	3.5	74
43	General Acidâ€“Base Catalysis Mediated by Nucleobases in the Hairpin Ribozyme. Journal of the American Chemical Society, 2012, 134, 16717-16724.	13.7	72
44	Nucleobase-mediated general acid-base catalysis in the Varkud satellite ribozyme. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11751-11756.	7.1	69
45	Functional Group Requirements in the Probable Active Site of the VS Ribozyme. Journal of Molecular Biology, 2002, 323, 23-34.	4.2	64
46	RNA Folding and Misfolding of the Hammerhead Ribozyme. Biochemistry, 1999, 38, 3345-3354.	2.5	63
47	The Novel Chemical Mechanism of the Twister Ribozyme. Journal of the American Chemical Society, 2016, 138, 6151-6162.	13.7	63
48	The role of specific 2'-hydroxyl groups in the stabilization of the folded conformation of kink-turn RNA. Rna, 2006, 13, 200-210.	3.5	62
49	Nucleobase catalysis in the hairpin ribozyme. Rna, 2006, 12, 980-987.	3.5	61
50	RNA Tertiary Interactions in a Riboswitch Stabilize the Structure of a Kink Turn. Structure, 2011, 19, 1233-1240.	3.3	60
51	The junction-resolving enzymes. Nature Reviews Molecular Cell Biology, 2001, 2, 433-443.	37.0	59
52	Ensuring Productive Resolution by the Junction-Resolving Enzyme RuvC: Large Enhancement of the Second-Strand Cleavage Rate. Biochemistry, 2000, 39, 16125-16134.	2.5	57
53	Nucleobase Participation in Ribozyme Catalysis. Journal of the American Chemical Society, 2005, 127, 5026-5027.	13.7	57
54	Metal ions bound at the active site of the junction-resolving enzyme T7 endonuclease I. EMBO Journal, 2002, 21, 3505-3515.	7.8	55

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55	Mechanisms of RNA catalysis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2910-2917.	4.0	55
56	Do the hairpin and VS ribozymes share a common catalytic mechanism based on general acidâ€"base catalysis? A critical assessment of available experimental data. Rna, 2011, 17, 213-221.	3.5	55
57	The Structure of the Guanidine-II Riboswitch. Cell Chemical Biology, 2017, 24, 695-702.e2.	5.2	55
58	Molecular biology: Eukaryotic genesâ€"are they under torsional stress?. Nature, 1983, 305, 276-277.	27.8	52
59	The molecular recognition of kink-turn structure by the L7Ae class of proteins. Rna, 2013, 19, 1703-1710.	3.5	52
60	The structure of a nucleolytic ribozyme that employs a catalytic metal ion. Nature Chemical Biology, 2017, 13, 508-513.	8.0	52
61	Control of box C/D snoRNP assembly by N ⁶ â€methylation of adenine. EMBO Reports, 2017, 18, 1631-1645.	4.5	51
62	Dissection of the Sequence Specificity of the Holliday Junction Endonuclease CCE1â€. Biochemistry, 1998, 37, 7733-7740.	2.5	50
63	Metal ion binding and the folding of the hairpin ribozyme. Rna, 2002, 8, 587-600.	3.5	49
64	Yeast Resolving Enzyme CCE1 Makes Sequential Cleavages in DNA Junctions within the Lifetime of the Complex. Biochemistry, 2000, 39, 4082-4089.	2.5	48
65	Structure of the Guanidine III Riboswitch. Cell Chemical Biology, 2017, 24, 1407-1415.e2.	5.2	47
66	Orientation of Cyanine Fluorophores Terminally Attached to DNA via Long, Flexible Tethers. Biophysical Journal, 2011, 101, 1148-1154.	0.5	45
67	The Kink Turn, a Key Architectural Element in RNA Structure. Journal of Molecular Biology, 2016, 428, 790-801.	4.2	43
68	A Nomenclature of Junctions and Branchpoints in Nucleic Acids. Recommendations 1994. FEBS Journal, 1995, 230, 1-2.	0.2	42
69	Thermodynamics of Ion-Induced RNA Folding in the Hammerhead Ribozyme: An Isothermal Titration Calorimetric Studyâ€. Biochemistry, 2001, 40, 1423-1429.	2.5	41
70	The complex between a four-way DNA junction and T7 endonuclease I. EMBO Journal, 2003, 22, 1398-1409.	7.8	41
71	Comparison of the Structures and Mechanisms of the Pistol and Hammerhead Ribozymes. Journal of the American Chemical Society, 2019, 141, 7865-7875.	13.7	41
72	DNA structure: Bent moleculesâ€"how and why?. Nature, 1986, 320, 487-488.	27.8	40

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73	Ribozymes and the mechanisms that underlie RNA catalysis. Frontiers of Chemical Science and Engineering, 2016, 10, 178-185.	4.4	40
74	The Importance of GÂ·A Hydrogen Bonding in the Metal Ion- and Protein-induced Folding of a Kink Turn RNA. Journal of Molecular Biology, 2008, 381, 431-442.	4.2	39
75	The Evolution of Ribozyme Chemistry. Science, 2009, 323, 1436-1438.	12.6	38
76	Catalysis by the nucleolytic ribozymes. Biochemical Society Transactions, 2011, 39, 641-646.	3.4	37
77	Crystal Structure of a Eukaryotic GEN1 Resolving Enzyme Bound to DNA. Cell Reports, 2015, 13, 2565-2575.	6.4	37
78	The solution structural ensembles of RNA kink-turn motifs and their protein complexes. Nature Chemical Biology, 2016, 12, 146-152.	8.0	37
79	Structure and ligand binding of the SAM-V riboswitch. Nucleic Acids Research, 2018, 46, 6869-6879.	14.5	37
80	Sequence and Functional-Group Specificity for Cleavage of DNA Junctions by RuvC ofEscherichia coli. Biochemistry, 1999, 38, 11349-11358.	2.5	36
81	The plasticity of a structural motif in RNA: Structural polymorphism of a kink turn as a function of its environment. Rna, 2013, 19, 357-364.	3.5	35
82	Folding of branched RNA species. , 1998, 48, 101-112.		34
83	Analysis of branched nucleic acid structure using comparative gel electrophoresis. Quarterly Reviews of Biophysics, 2008, 41, 1-39.	5.7	33
84	The structure and folding of kink turns in RNA. Wiley Interdisciplinary Reviews RNA, 2012, 3, 797-805.	6.4	33
85	A critical base pair in k-turns that confers folding characteristics and correlates with biological function. Nature Communications, 2014, 5, 5127.	12.8	33
86	The dynamic nature of the four-way junction of the hepatitis C virus IRES. Rna, 2003, 9, 809-820.	3.5	31
87	Classification of the nucleolytic ribozymes based upon catalytic mechanism. F1000Research, 2019, 8, 1462.	1.6	31
88	Efficient, pH-Dependent RNA Ligation by the VS Ribozyme in Trans. Biochemistry, 2004, 43, 1118-1125.	2.5	30
89	The K-turn motif in riboswitches and other RNA species. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 995-1004.	1.9	30
90	How RNA acts as a nuclease: some mechanistic comparisons in the nucleolytic ribozymes. Biochemical Society Transactions, 2017, 45, 683-691.	3.4	28

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91	Ion-induced folding of a kink turn that departs from the conventional sequence. Nucleic Acids Research, 2009, 37, 7281-7289.	14.5	27
92	Synthesis of Novel C4-Linked C₂-Imidazole Ribonucleoside Phosphoramidite and Its Application to Probing the Catalytic Mechanism of a Ribozyme. Journal of Organic Chemistry, 2009, 74, 2350-2356.	3.2	27
93	The structure of DNA junctions and their interaction with enzymes. FEBS Journal, 1992, 207, 285-295.	0.2	26
94	Single-Molecule Observation of the Induction of k-Turn RNA Structure on Binding L7Ae Protein. Biophysical Journal, 2012, 103, 2541-2548.	0.5	26
95	DNA: Sequence, Structure and Supercoiling. Biochemical Society Transactions, 1984, 12, 127-140.	3.4	25
96	Structure of the three-way helical junction of the hepatitis C virus IRES element. Rna, 2010, 16, 1597-1609.	3.5	25
97	Structure and ligand binding of the ADP-binding domain of the NAD⁺ riboswitch. Rna, 2020, 26, 878-887.	3.5	24
98	RNA folding and the origins of catalytic activity in the hairpin ribozyme. Blood Cells, Molecules, and Diseases, 2007, 38, 8-14.	1.4	23
99	FAN1 Activity on Asymmetric Repair Intermediates Is Mediated by an Atypical Monomeric Virus-type Replication-Repair Nuclease Domain. Cell Reports, 2014, 8, 84-93.	6.4	23
100	Junction resolving enzymes use multivalency to keep the Holliday junction dynamic. Nature Chemical Biology, 2019, 15, 269-275.	8.0	23
101	DNA supercoiling and transcription: topological coupling of promoters. Quarterly Reviews of Biophysics, 1996, 29, 203-225.	5.7	22
102	Catalytic and binding mutants of the junction-resolving enzyme endonuclease I of bacteriophage T7: role of acidic residues. Nucleic Acids Research, 1999, 27, 682-689.	14.5	22
103	Ribozymesâ€”a snip too far?. Nature Structural and Molecular Biology, 2003, 10, 672-673.	8.2	22
104	The kink-turn in the structural biology of RNA. Quarterly Reviews of Biophysics, 2018, 51, e5.	5.7	22
105	The Structure of Sulfoindocarbocyanine 3 Terminally Attached to dsDNA via a Long, Flexible Tether. Biophysical Journal, 2012, 102, 561-568.	0.5	21
106	The k-junction motif in RNA structure. Nucleic Acids Research, 2014, 42, 5322-5331.	14.5	21
107	RNA catalysisâ€”is that it?. Rna, 2015, 21, 534-537.	3.5	21
108	Holliday junctionâ€resolving enzymesâ€”structures and mechanisms. FEBS Letters, 2017, 591, 1073-1082.	2.8	21

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109	Structural Recognition between a Four-way DNA Junction and a Resolving Enzyme. Journal of Molecular Biology, 2006, 359, 1261-1276.	4.2	20
110	Structure and folding of a rare, natural kink turn in RNA with an Aâ€¢A pair at the 2bâ€¢2n position. Rna, 2012, 18, 1257-1266.	3.5	20
111	A critical base pair in k-turns determines the conformational class adopted, and correlates with biological function. Nucleic Acids Research, 2016, 44, 5390-5398.	14.5	20
112	The potential versatility of <scp>RNA</scp> catalysis. Wiley Interdisciplinary Reviews RNA, 2021, 12, e1651.	6.4	20
113	Analysis of Global Conformational Transitions in Ribozymes. , 2004, 252, 077-108.		19
114	Stereospecific Effects Determine the Structure of a Four-Way DNA Junction. Chemistry and Biology, 2005, 12, 217-228.	6.0	18
115	GEN1 from a Thermophilic Fungus Is Functionally Closely Similar to Non-Eukaryotic Junction-Resolving Enzymes. Journal of Molecular Biology, 2014, 426, 3946-3959.	4.2	18
116	Electrostatic Interactions and the Folding of the Four-way DNA Junction: Analysis by Selective Methyl Phosphonate Substitution. Journal of Molecular Biology, 2004, 343, 851-864.	4.2	17
117	Structure and ligand binding of the glutamine-II riboswitch. Nucleic Acids Research, 2019, 47, 7666-7675.	14.5	17
118	Functional organization of box C/D RNA-guided RNA methyltransferase. Nucleic Acids Research, 2020, 48, 5094-5105.	14.5	17
119	Structure and mechanism of a methyltransferase ribozyme. Nature Chemical Biology, 2022, 18, 556-564.	8.0	17
120	Formation of an active site in <i>trans</i> by interaction of two complete Varkud Satellite ribozymes. Rna, 2009, 15, 1822-1826.	3.5	16
121	Measurement of the Change in Twist at a Helical Junction in RNA Using theÂOrientation Dependence of FRET. Biophysical Journal, 2013, 105, 2175-2181.	0.5	16
122	The chemical origins of life and its early evolution: an introduction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2853-2856.	4.0	15
123	Structure of a rare non-standard sequence k-turn bound by L7Ae protein. Nucleic Acids Research, 2014, 42, 4734-4740.	14.5	15
124	Long-range structural effects in supercolied DNA: Statistical thermodynamics reveals a correlation between calculated cooperative melting and contextual influence on cruciform extrusion. Biopolymers, 1989, 28, 1449-1473.	2.4	14
125	When the CAP fits bent DNA. Nature, 1991, 354, 359-360.	27.8	14
126	Mechanistic Aspects of the DNA Junction-Resolving Enzyme T7 Endonuclease Iâ€. Biochemistry, 2006, 45, 3934-3942.	2.5	14

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127	A quasi-cyclic RNA nano-scale molecular object constructed using kink turns. Nanoscale, 2016, 8, 15189-15195.	5.6	14
128	The Importance of the N-Terminus of T7 Endonuclease I in the Interaction with DNA Junctions. Journal of Molecular Biology, 2013, 425, 395-410.	4.2	13
129	The Chirality of a Four-Way Helical Junction in RNA. Journal of the American Chemical Society, 2004, 126, 4126-4127.	13.7	12
130	Human ANKLE1 Is a Nuclease Specific for Branched DNA. Journal of Molecular Biology, 2020, 432, 5825-5834.	4.2	12
131	The interaction of four-way DNA junctions with resolving enzymes. Biochemical Society Transactions, 2010, 38, 399-403.	3.4	11
132	Folding and catalysis by the VS ribozyme. Biochimie, 2002, 84, 889-896.	2.6	10
133	Structure-guided design of a high-affinity ligand for a riboswitch. Rna, 2019, 25, 423-430.	3.5	10
134	DNA supercoiling and DNA structure. Biochemical Society Transactions, 1986, 14, 211-213.	3.4	9
135	DNA supercoiling. Biochemical Society Transactions, 1986, 14, 489-493.	3.4	9
136	Metal Ion Binding in the Active Site of the Junction-resolving Enzyme T7 Endonuclease I in the Presence and in the Absence of DNA. Journal of Molecular Biology, 2003, 333, 59-73.	4.2	9
137	A chemo-genetic approach for the study of nucleobase participation in nucleolytic ribozymes. Biological Chemistry, 2007, 388, 699-704.	2.5	9
138	The functional exchangeability of pk- and k-turns in RNA structure. RNA Biology, 2013, 10, 445-452.	3.1	9
139	Effect of methylation of adenine N⁶ on kink turn structure depends on location. RNA Biology, 2019, 16, 1377-1385.	3.1	9
140	Applying a genetic cantilever. Nature, 1995, 375, 532-532.	27.8	8
141	Sequence determinants of the folding properties of box C/D kink-turns in RNA. Rna, 2017, 23, 1927-1935.	3.5	8
142	Crystal Structures of Cyanine Fluorophores Stacked onto the End of Double-Stranded RNA. Biophysical Journal, 2017, 113, 2336-2343.	0.5	8
143	The role of RNA structure in translational regulation by L7Ae protein in archaea. Rna, 2019, 25, 60-69.	3.5	7
144	Comparative Gel Electrophoresis Analysis of Helical Junctions in RNA. Methods in Enzymology, 2009, 469, 143-157.	1.0	6

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145	Synthesis of Imidazole C1- and C3-Ribonucleoside Phosphoramidites for Probing Catalytic Mechanism in Ribozyme. Heterocycles, 2011, 83, 2041.	0.7	6
146	Crystal structure and ligand-induced folding of the SAM/SAH riboswitch. Nucleic Acids Research, 2020, 48, 7545-7556.	14.5	6
147	Analysis of Conformational Changes in the DNA Junction-Resolving Enzyme T7 Endonuclease I on Binding a Four-Way Junction Using EPR. Biochemistry, 2011, 50, 9963-9972.	2.5	5
148	A Mechanistic Comparison of the Varkud Satellite and Hairpin Ribozymes. Progress in Molecular Biology and Translational Science, 2013, 120, 93-121.	1.7	5
149	A monovalent ion in the DNA binding interface of the eukaryotic junction-resolving enzyme GEN1. Nucleic Acids Research, 2018, 46, 11089-11098.	14.5	5
150	Structure and folding of four putative kink turns identified in structured RNA species in a test of structural prediction rules. Nucleic Acids Research, 2021, 49, 5916-5924.	14.5	4
151	Analysis of the Intrinsically Disordered N-Terminus of the DNA Junction-Resolving Enzyme T7 Endonuclease I: Identification of Structure Formed upon DNA Binding. Biochemistry, 2016, 55, 4166-4172.	2.5	3
152	The Guanidine Riboswitchâ€"A Poor Orphan No Longer. Cell Chemical Biology, 2017, 24, 130-131.	5.2	3
153	Molecular recognition of DNA structure by proteins that mediate genetic recombination. Journal of Molecular Recognition, 1994, 7, 71-78.	2.1	2
154	112 Sequence specificity of CCE1. Biochemical Society Transactions, 1997, 25, S646-S646.	3.4	2
155	105 The dimeric nature of the junction-resolving enzyme T7 endonuclease I. Biochemical Society Transactions, 1997, 25, S640-S640.	3.4	1
156	Who will fill the gap by making nucleic synthesizers now?. Nature, 2001, 411, 15-15.	27.8	1
157	Editorial overview: Nucleic acids and their protein complexes. Current Opinion in Structural Biology, 2016, 36, vii-viii.	5.7	1
158	Biochemical and Structural Properties of Fungal Holliday Junction-Resolving Enzymes. Methods in Enzymology, 2018, 600, 543-568.	1.0	1
159	What's new? Scanning tunneling microscopy of DNA. BioEssays, 1990, 12, 131-132.	2.5	0
160	106 Severe helical distortion of the U1A mRNA 3â€² untranslated region induced by the U1A protein binding site. Biochemical Society Transactions, 1997, 25, S641-S641.	3.4	0
161	110 T4 Endonuclease VII â€" a zinc containing four-way DNA junction resolving enzyme. Biochemical Society Transactions, 1997, 25, S644-S644.	3.4	0
162	Structural and Dynamic Properties of Four-Way Helical Junctions in DNA Molecules. ACS Symposium Series, 2004, , 145-164.	0.5	0

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163	DNA revisited. Nature Chemical Biology, 2008, 4, 725-726.	8.0	0
164	The Structure and Folding of Helical Junctions in RNA. RSC Biomolecular Sciences, 2012, , 156-176.	0.4	0
165	MECHANISTIC ORIGINS OF RNA CATALYSIS. , 2018, , .		0
166	The Interaction Between L7Ae Family of Proteins and RNA Kink Turns. Biological and Medical Physics Series, 2019, , 23-37.	0.4	0