

# Peter G Stockley

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158  
papers

5,791  
citations

41  
h-index

70  
g-index

167  
ext. papers

6,396  
ext. citations

7.8  
avg. IF

5.65  
L-index

#	Paper	IF	Citations
158	An age-structured model of hepatitis B viral infection highlights the potential of different therapeutic strategies.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1252	4.9	1
157	Dysregulation of Hepatitis B Virus Nucleocapsid Assembly in vitro by RNA-binding Small Ligands.. <i>Journal of Molecular Biology</i> , <b>2022</b> , 167557	6.5	1
156	Dataset of high-throughput ligand screening against the RNA Packaging Signals regulating Hepatitis B Virus nucleocapsid formation.. <i>Data in Brief</i> , <b>2022</b> , 42, 108206	1.2	
155	Evolution of a virus-like architecture and packaging mechanism in a repurposed bacterial protein. <i>Science</i> , <b>2021</b> , 372, 1220-1224	33.3	14
154	Genome Packaging <b>2021</b> , 488-494		
153	Single-Stranded RNA Bacterial Viruses <b>2021</b> , 21-25		
152	Comparing antiviral strategies against COVID-19 via multiscale within-host modelling. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 210082	3.3	5
151	In vitro functional analysis of gRNA sites regulating assembly of hepatitis B virus.. <i>Communications Biology</i> , <b>2021</b> , 4, 1407	6.7	1
150	Therapeutic interfering particles exploiting viral replication and assembly mechanisms show promising performance: a modelling study.. <i>Scientific Reports</i> , <b>2021</b> , 11, 23847	4.9	
149	Conservation of Genetically-Embedded Virus Assembly Instructions: A Novel Route to Antiviral Therapy. <i>Proceedings (mdpi)</i> , <b>2020</b> , 50, 87	0.3	
148	Broadly Neutralizing Bovine Antibodies: Highly Effective New Tools against Evasive Pathogens?. <i>Viruses</i> , <b>2020</b> , 12,	6.2	0
147	Assembly of infectious enteroviruses depends on multiple, conserved genomic RNA-coat protein contacts. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1009146	7.6	12
146	An Intracellular Model of Hepatitis B Viral Infection: An In Silico Platform for Comparing Therapeutic Strategies. <i>Viruses</i> , <b>2020</b> , 13,	6.2	7
145	Viral Genome Conformations and Contacts across Different Lifecycle Stages. <i>Proceedings (mdpi)</i> , <b>2020</b> , 50, 109	0.3	
144	Cut-and-Run: A Distinct Mechanism by which V(D)J Recombination Causes Genome Instability. <i>Molecular Cell</i> , <b>2019</b> , 74, 584-597.e9	17.6	13
143	RNA-Mediated Virus Assembly: Mechanisms and Consequences for Viral Evolution and Therapy. <i>Annual Review of Biophysics</i> , <b>2019</b> , 48, 495-514	21.1	26
142	A modelling paradigm for RNA virus assembly. <i>Current Opinion in Virology</i> , <b>2018</b> , 31, 74-81	7.5	29

141	Hamiltonian path analysis of viral genomes. <i>Nature Communications</i> , <b>2018</b> , 9, 2021	17.4	19
140	HBV RNA pre-genome encodes specific motifs that mediate interactions with the viral core protein that promote nucleocapsid assembly. <i>Nature Microbiology</i> , <b>2017</b> , 2, 17098	26.6	51
139	Genomic RNA folding mediates assembly of human parechovirus. <i>Nature Communications</i> , <b>2017</b> , 8, 5	17.4	53
138	Rewriting natureQ assembly manual for a ssRNA virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 12255-12260	11.5	34
137	Sizes of Long RNA Molecules Are Determined by the Branching Patterns of Their Secondary Structures. <i>Biophysical Journal</i> , <b>2016</b> , 111, 2077-2085	2.9	22
136	Bacteriophage MS2 genomic RNA encodes an assembly instruction manual for its capsid. <i>Bacteriophage</i> , <b>2016</b> , 6, e1157666		29
135	Direct Evidence for Packaging Signal-Mediated Assembly of Bacteriophage MS2. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 431-48	6.5	55
134	The Influence of Two-Dimensional Organization on Peptide Conformation. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 988-992	3.6	3
133	Asymmetric genome organization in an RNA virus revealed via graph-theoretical analysis of tomographic data. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004146	5	9
132	The influence of two-dimensional organization on peptide conformation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 974-8	16.4	19
131	Mutations in RNA Polymerase Bridge Helix and Switch Regions Affect Active-Site Networks and Transcript-Assisted Hydrolysis. <i>Journal of Molecular Biology</i> , <b>2015</b> , 427, 3516-3526	6.5	3
130	Evidence that avian reovirus NS is an RNA chaperone: implications for genome segment assortment. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 7044-57	20.1	17
129	Trivalent Gd-DOTA reagents for modification of proteins. <i>RSC Advances</i> , <b>2015</b> , 5, 96194-96200	3.7	7
128	Revealing the density of encoded functions in a viral RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2227-32	11.5	53
127	Revised Morning Loops of the Arabidopsis Circadian Clock Based on Analyses of Direct Regulatory Interactions. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143943	3.7	64
126	Oncogene dependency and the potential of targeted RNAi-based anti-cancer therapy. <i>Biochemical Journal</i> , <b>2014</b> , 461, 1-13	3.8	15
125	Limits of structural plasticity in a picornavirus capsid revealed by a massively expanded equine rhinitis A virus particle. <i>Journal of Virology</i> , <b>2014</b> , 88, 6093-9	6.6	16
124	Distinguishing closely related amyloid precursors using an RNA aptamer. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 26859-26871	5.4	7

123	Domain movements of the enhancer-dependent sigma factor drive DNA delivery into the RNA polymerase active site: insights from single molecule studies. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 5177-90	20.1	20
122	Solving a Levinthal@ paradox for virus assembly identifies a unique antiviral strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5361-6	11.5	78
121	Packaging signals in single-stranded RNA viruses: nature@ alternative to a purely electrostatic assembly mechanism. <i>Journal of Biological Physics</i> , <b>2013</b> , 39, 277-87	1.6	70
120	Packaging signals in two single-stranded RNA viruses imply a conserved assembly mechanism and geometry of the packaged genome. <i>Journal of Molecular Biology</i> , <b>2013</b> , 425, 3235-49	6.5	59
119	Sequence-specific, RNA-protein interactions overcome electrostatic barriers preventing assembly of satellite tobacco necrosis virus coat protein. <i>Journal of Molecular Biology</i> , <b>2013</b> , 425, 1050-64	6.5	41
118	The asymmetric structure of an icosahedral virus bound to its receptor suggests a mechanism for genome release. <i>Structure</i> , <b>2013</b> , 21, 1225-34	5.2	51
117	A new paradigm for the roles of the genome in ssRNA viruses. <i>Future Virology</i> , <b>2013</b> , 8, 531-543	2.4	13
116	MS2 viruslike particles: a robust, semisynthetic targeted drug delivery platform. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 59-68	5.6	89
115	Assessing the causes and consequences of co-polymerization in amyloid formation. <i>Prion</i> , <b>2013</b> , 7, 359-68.3	6.3	37
114	Expanding the repertoire of amyloid polymorphs by co-polymerization of related protein precursors. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 7327-37	5.4	32
113	Structural constraints on the three-dimensional geometry of simple viruses: case studies of a new predictive tool. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2013</b> , 69, 140-50		21
112	Building a viral capsid in the presence of genomic RNA. <i>Physical Review E</i> , <b>2013</b> , 87, 022717	2.4	39
111	A two-stage mechanism of viral RNA compaction revealed by single molecule fluorescence. <i>RNA Biology</i> , <b>2013</b> , 10, 481-9	4.8	37
110	Design, synthesis and in vitro evaluation of novel bivalent S-adenosylmethionine analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 278-84	2.9	8
109	Toggled RNA aptamers against aminoglycosides allowing facile detection of antibiotics using gold nanoparticle assays. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 6595-602	7.8	71
108	Isolation of an asymmetric RNA uncoating intermediate for a single-stranded RNA plant virus. <i>Journal of Molecular Biology</i> , <b>2012</b> , 417, 65-78	6.5	27
107	CHAPTER 6:Therapeutic Applications of Nucleic Acid Aptamer Conjugates. <i>RSC Biomolecular Sciences</i> , <b>2012</b> , 140-165		
106	On-surface assembly of coiled-coil heterodimers. <i>Langmuir</i> , <b>2012</b> , 28, 13877-82	4	7

105	Evidence that viral RNAs have evolved for efficient, two-stage packaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15769-74	11.5	113
104	Directed surface attachment of nanomaterials via coiled-coil-driven self-assembly. <i>Nanotechnology</i> , <b>2012</b> , 23, 495304	3.4	5
103	Visualising a viral RNA genome poised for release from its receptor complex. <i>Journal of Molecular Biology</i> , <b>2011</b> , 408, 408-19	6.5	33
102	Construction and crystal structure of recombinant STNV capsids. <i>Journal of Molecular Biology</i> , <b>2011</b> , 413, 41-50	6.5	37
101	Degenerate RNA packaging signals in the genome of Satellite Tobacco Necrosis Virus: implications for the assembly of a T=1 capsid. <i>Journal of Molecular Biology</i> , <b>2011</b> , 413, 51-65	6.5	57
100	Development of smart nanoparticle-aptamer sensing technology. <i>Faraday Discussions</i> , <b>2011</b> , 149, 319-32; discussion 333-56	3.6	22
99	The physics of virus assembly. Preface. <i>Physical Biology</i> , <b>2010</b> , 7, 040301	3	0
98	Viral genomic single-stranded RNA directs the pathway toward a T=3 capsid. <i>Journal of Molecular Biology</i> , <b>2010</b> , 395, 924-36	6.5	57
97	Mutually-induced conformational switching of RNA and coat protein underpins efficient assembly of a viral capsid. <i>Journal of Molecular Biology</i> , <b>2010</b> , 401, 309-322	6.5	34
96	The impact of viral RNA on assembly pathway selection. <i>Journal of Molecular Biology</i> , <b>2010</b> , 401, 298-308	6.5	52
95	Development of aptamer therapeutics. <i>Current Opinion in Pharmacology</i> , <b>2010</b> , 10, 557-62	5.1	108
94	RNA-induced conformational changes in a viral coat protein studied by hydrogen/deuterium exchange mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 13468-75	3.6	17
93	Determining the topology of virus assembly intermediates using ion mobility spectrometry-mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2010</b> , 24, 3033-3042	2.2	68
92	Emerging Topics in Physical Virology <b>2010</b> ,		10
91	Cryo-Electron Microscopy of Viruses <b>2010</b> , 1-33		
90	Characterization of RNA aptamers that disrupt the RUNX1-CBFbeta/DNA complex. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, 6818-30	20.1	17
89	Conformational flexibility and molecular interactions of an archaeal homologue of the Shwachman-Bodian-Diamond syndrome protein. <i>BMC Structural Biology</i> , <b>2009</b> , 9, 32	2.7	23
88	Filter-binding assays. <i>Methods in Molecular Biology</i> , <b>2009</b> , 543, 1-14	1.4	11

87	Synthesis, molecular structure and evaluation of new organometallic ruthenium anticancer agents. <i>Dalton Transactions</i> , <b>2009</b> , 10914-25	4.3	44
86	Identification of stable S-adenosylmethionine (SAM) analogues derivatised with bioorthogonal tags: effect of ligands on the affinity of the E. coli methionine repressor, MetJ, for its operator DNA. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 635-8	3.9	17
85	Surface plasmon resonance assays of DNA-protein interactions. <i>Methods in Molecular Biology</i> , <b>2009</b> , 543, 653-69	1.4	16
84	Ethylation interference footprinting of DNA-protein complexes. <i>Methods in Molecular Biology</i> , <b>2009</b> , 543, 105-20	1.4	3
83	Modus operandi of the bacterial RNA polymerase containing the sigma54 promoter-specificity factor. <i>Molecular Microbiology</i> , <b>2008</b> , 68, 538-46	4.1	105
82	Structural insights into the polymorphism of amyloid-like fibrils formed by region 20-29 of amylin revealed by solid-state NMR and X-ray fiber diffraction. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 14990-5001	16.4	159
81	The three-dimensional structure of genomic RNA in bacteriophage MS2: implications for assembly. <i>Journal of Molecular Biology</i> , <b>2008</b> , 375, 824-36	6.5	98
80	Structure and function of the arginine repressor-operator complex from <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>2008</b> , 379, 284-98	6.5	27
79	Single-molecule fluorescence resonance energy transfer assays reveal heterogeneous folding ensembles in a simple RNA stem-loop. <i>Journal of Molecular Biology</i> , <b>2008</b> , 384, 264-78	6.5	23
78	RNA packing specificity and folding during assembly of the bacteriophage MS2.. <i>Computational and Mathematical Methods in Medicine</i> , <b>2008</b> , 9, 339-349	2.8	11
77	Visualizing the organization and reorganization of transcription complexes for gene expression. <i>Biochemical Society Transactions</i> , <b>2008</b> , 36, 776-9	5.1	4
76	Insights into virus capsid assembly from non-covalent mass spectrometry. <i>Mass Spectrometry Reviews</i> , <b>2008</b> , 27, 575-95	11	40
75	Production and characterization of RNA aptamers specific for amyloid fibril epitopes. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 34500-9	5.4	37
74	Scanning conformational space with a library of stereo- and regiochemically diverse aminoglycoside derivatives: the discovery of new ligands for RNA hairpin sequences. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 1081-6	3.9	21
73	A high-resolution structure of the DNA-binding domain of AhrC, the arginine repressor/activator protein from <i>Bacillus subtilis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2007</b> , 63, 914-7		12
72	Structure of the C-terminal effector-binding domain of AhrC bound to its corepressor L-arginine. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2007</b> , 63, 918-21		11
71	A simple, RNA-mediated allosteric switch controls the pathway to formation of a T=3 viral capsid. <i>Journal of Molecular Biology</i> , <b>2007</b> , 369, 541-52	6.5	110
70	Structural basis of RNA binding discrimination between bacteriophages Qbeta and MS2. <i>Structure</i> , <b>2006</b> , 14, 487-95	5.2	35

69	The organization of aromatic side groups in an amyloid fibril probed by solid-state <sup>2</sup> H and <sup>19</sup> F NMR spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8098-9	16.4	35
68	New insights into the interaction of ribosomal protein L1 with RNA. <i>Journal of Molecular Biology</i> , <b>2006</b> , 355, 747-59	6.5	36
67	Transcript analysis reveals an extended regulon and the importance of protein-protein co-operativity for the Escherichia coli methionine repressor. <i>Biochemical Journal</i> , <b>2006</b> , 396, 227-34	3.8	35
66	Aptamers come of age - at last. <i>Nature Reviews Microbiology</i> , <b>2006</b> , 4, 588-96	22.2	600
65	Asymmetric double ring-opening of a C <sub>2h</sub> -symmetric bis-epoxide: improved enantiomeric excess of the product through enantioselective desymmetrisation and Q <sub>roof</sub> -reading Q <sub>steps</sub> . <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 2350-3	3.9	5
64	Synthesis of a library of stereo- and regiochemically diverse aminoglycoside derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 2776-85	3.9	15
63	Delivery of antisense oligonucleotides to leukemia cells by RNA bacteriophage capsids. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2005</b> , 1, 67-76	6	67
62	Engineering thermal stability in RNA phage capsids via disulphide bonds. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2005</b> , 5, 2034-41	1.3	57
61	The crystal structure of a high affinity RNA stem-loop complexed with the bacteriophage MS2 capsid: further challenges in the modeling of ligand-RNA interactions. <i>Rna</i> , <b>2004</b> , 10, 1776-82	5.8	46
60	New tertiary constraints between the RNA components of active yeast spliceosomes: a photo-crosslinking study. <i>Rna</i> , <b>2004</b> , 10, 1251-65	5.8	16
59	Kinetic analysis of operator binding by the E. coli methionine repressor highlights the role(s) of electrostatic interactions. <i>FEBS Letters</i> , <b>2004</b> , 564, 136-42	3.8	11
58	A biaryl peptide crosslink in a MetJ peptide model confers cooperative, nonspecific binding to DNA that ablates both repressor binding and in vitro transcription. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 811-6	3.4	5
57	An improved western blotting technique effectively reduces background. <i>Electrophoresis</i> , <b>2002</b> , 23, 2373-6	3.6	62
56	Investigating the structural basis of purine specificity in the structures of MS2 coat protein RNA translational operator hairpins. <i>Nucleic Acids Research</i> , <b>2002</b> , 30, 2678-85	20.1	26
55	RNA bacteriophage capsid-mediated drug delivery and epitope presentation. <i>Intervirology</i> , <b>2002</b> , 45, 371-80	2.5	76
54	Structural and functional studies of an intermediate on the pathway to operator binding by Escherichia coli MetJ. <i>Journal of Molecular Biology</i> , <b>2002</b> , 320, 39-53	6.5	15
53	An improved Western blotting technique effectively reduces background <b>2002</b> , 23, 2373		1
52	Ethylation interference. <i>Methods in Molecular Biology</i> , <b>2001</b> , 148, 229-43	1.4	

51	Filter-binding assays. <i>Methods in Molecular Biology</i> , <b>2001</b> , 148, 1-11	1.4	3
50	Probing the kinetics of formation of the bacteriophage MS2 translational operator complex: identification of a protein conformer unable to bind RNA. <i>Journal of Molecular Biology</i> , <b>2001</b> , 305, 1131-44	6.5	44
49	Ribosome-mediated refolding of partially-unfolded ricin A-chain. <i>Biochemical Society Transactions</i> , <b>2000</b> , 28, A68-A68	5.1	
48	Ribosome-mediated folding of partially unfolded ricin A-chain. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 9263-9	5.4	93
47	Use of fusions to viral coat proteins as antigenic carriers for vaccine development. <i>Methods in Enzymology</i> , <b>2000</b> , 326, 551-69	1.7	8
46	RNA aptamers for the MS2 bacteriophage coat protein and the wild-type RNA operator have similar solution behaviour. <i>Nucleic Acids Research</i> , <b>2000</b> , 28, 489-97	20.1	29
45	Crystallographic studies of RNA hairpins in complexes with recombinant MS2 capsids: implications for binding requirements. <i>Rna</i> , <b>1999</b> , 5, 131-8	5.8	31
44	Secondary structure mapping of an RNA ligand that has high affinity for the MetJ repressor protein and interference modification analysis of the protein-RNA complex. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 2255-62	5.4	11
43	Expression and immunogenicity of a liver stage malaria epitope presented as a foreign peptide on the surface of RNA-free MS2 bacteriophage capsids. <i>Vaccine</i> , <b>1999</b> , 18, 251-8	4.1	23
42	Probing activation of the prokaryotic arginine transcriptional regulator using chimeric proteins. <i>Journal of Molecular Biology</i> , <b>1999</b> , 289, 707-27	6.5	27
41	Virus Assembly and Morphogenesis <b>1999</b> , 3-20		
40	Crystal structures of a series of RNA aptamers complexed to the same protein target. <i>Nature Structural Biology</i> , <b>1998</b> , 5, 970-5		95
39	Crystal structure of an RNA aptamer-protein complex at 2.8 Å resolution. <i>Nature Structural Biology</i> , <b>1998</b> , 5, 133-9		118
38	Dissecting the molecular details of prokaryotic transcriptional control by surface plasmon resonance: the methionine and arginine repressor proteins. <i>Biosensors and Bioelectronics</i> , <b>1998</b> , 13, 637-50	11.8	35
37	Specific cytotoxicity against cells bearing HIV1 gp120 antigen by bacteriophage-encapsidated ricin A chain: implications for cell specific drug delivery. <i>Biochemical Society Transactions</i> , <b>1997</b> , 25, 158S	5.1	2
36	Analysis of phage MS2 coat protein mutants expressed from a reconstituted phagemid reveals that proline 78 is essential for viral infectivity. <i>Journal of Molecular Biology</i> , <b>1997</b> , 266, 1-7	6.5	23
35	The three-dimensional structures of two complexes between recombinant MS2 capsids and RNA operator fragments reveal sequence-specific protein-RNA interactions. <i>Journal of Molecular Biology</i> , <b>1997</b> , 270, 724-38	6.5	190
34	Operator interactions by the <i>Bacillus subtilis</i> arginine repressor/activator, AhrC: novel positioning and DNA-mediated assembly of a transcriptional activator at catabolic sites. <i>Molecular Microbiology</i> , <b>1997</b> , 26, 37-48	4.1	68



33	Quantitation of the Escherichia coli methionine repressor-operator interaction by surface plasmon resonance is not affected by the presence of a dextran matrix. <i>Analytical Biochemistry</i> , <b>1997</b> , 254, 82-7	3.1	24
32	In vitro evolution of the DNA binding sites of Escherichia coli methionine repressor, MetJ. <i>Journal of Molecular Biology</i> , <b>1996</b> , 255, 55-66	6.5	39
31	Crystal structures of MS2 capsids with mutations in the subunit FG loop. <i>Journal of Molecular Biology</i> , <b>1996</b> , 256, 330-9	6.5	41
30	Molecular interactions in the RNA bacteriophage MS2. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 412S	5.1	5
29	Development of a novel drug-delivery system using bacteriophage MS2 capsids. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 413S	5.1	4
28	Effects of systematic variation of the minimal Escherichia coli met consensus operator site: in vivo and in vitro met repressor binding. <i>Molecular Microbiology</i> , <b>1996</b> , 21, 1125-35	4.1	15
27	Phage presentation. <i>Molecular Microbiology</i> , <b>1996</b> , 20, 685-92	4.1	32
26	Incorporation of 6-thioinosine into oligoribonucleotides. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 4637-4640	2	6
25	Probing the molecular mechanism of action of co-repressor in the E. coli methionine repressor-operator complex using surface plasmon resonance (SPR). <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 211-6	20.1	57
24	Cell-specific delivery of bacteriophage-encapsidated ricin A chain. <i>Bioconjugate Chemistry</i> , <b>1995</b> , 6, 587-96	3	78
23	Probing sequence-specific RNA recognition by the bacteriophage MS2 coat protein. <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 2512-8	20.1	58
22	A binding site for activation by the Bacillus subtilis AhrC protein, a repressor/activator of arginine metabolism. <i>Molecular Genetics and Genomics</i> , <b>1995</b> , 248, 329-40		31
21	Ethylation interference. <i>Methods in Molecular Biology</i> , <b>1994</b> , 30, 125-39	1.4	7
20	A convenient synthesis of S-cyanoethyl-protected 4-thiouridine and its incorporation into oligoribonucleotides. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 765-768	2	33
19	Incorporation of a fluorescent nucleotide into oligoribonucleotides. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 1597-1600		23
18	Similarity of met and trp repressors. <i>Nature</i> , <b>1994</b> , 368, 106	50.4	8
17	Crystal structure of an RNA bacteriophage coat protein-operator complex. <i>Nature</i> , <b>1994</b> , 371, 623-6	50.4	338
16	Filter-binding assays. <i>Methods in Molecular Biology</i> , <b>1994</b> , 30, 251-62	1.4	2

15	Calorimetric studies of the energetics of protein-DNA interactions in the E. coli methionine repressor (MetJ) system. <i>FEBS Letters</i> , <b>1994</b> , 348, 41-5	3.8	35
14	Molecular mechanism of RNA-phage morphogenesis. <i>Biochemical Society Transactions</i> , <b>1993</b> , 21 ( Pt 3), 627-33	5.1	28
13	Modeling and solution structure probing of the HIV-1 TAR stem-loop. <i>Journal of Molecular Graphics</i> , <b>1993</b> , 11, 92-7, 124		12
12	Viral protein-nucleic acid interactions. <i>Current Opinion in Structural Biology</i> , <b>1992</b> , 2, 143-149	8.1	3
11	Differential scanning calorimetry of thermal unfolding of the methionine repressor protein (MetJ) from Escherichia coli. <i>Biochemistry</i> , <b>1992</b> , 31, 9717-24	3.2	33
10	Probing met repressor-operator recognition in solution. <i>Nature</i> , <b>1992</b> , 359, 431-3	50.4	27
9	Regulation of methionine biosynthesis in the Enterobacteriaceae. <i>Progress in Biophysics and Molecular Biology</i> , <b>1991</b> , 56, 145-85	4.7	48
8	Hyperreactivity of adenines and conformational flexibility of a translational repression site. <i>FEBS Letters</i> , <b>1991</b> , 283, 159-64	3.8	9
7	Modeling loop structures in proteins and nucleic acids: an RNA stem-loop. <i>Journal of Molecular Graphics</i> , <b>1989</b> , 7, 186-95		9
6	Cooperative tandem binding of met repressor of Escherichia coli. <i>Nature</i> , <b>1989</b> , 341, 711-5	50.4	109
5	A nucleosome-like particle containing an octamer of the arginine-rich histones H3 and H4. <i>FEBS Letters</i> , <b>1979</b> , 99, 129-35	3.8	39
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