# Peter G Stockley

## List of Publications by Year in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 156 papers | 6,895 citations | 57631 44 h-index | 74018 75 g-index |
| 167 all docs | 167 docs citations | 167 times ranked | 6023 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Aptamers come of age â€“ at last. Nature Reviews Microbiology, 2006, 4, 588-596. | 13.6 | 662 |
| 2 | Crystal structure of an RNA bacteriophage coat proteinâ€“operator complex. Nature, 1994, 371, 623-626. | 13.7 | 375 |
| 3 | The three-dimensional structures of two complexes between recombinant MS2 capsids and RNA operator fragments reveal sequence-specific protein-RNA interactions. Journal of Molecular Biology, 1997, 270, 724-738. | 2.0 | 206 |
| 4 | Structural Insights into the Polymorphism of Amyloid-Like Fibrils Formed by Region 20â˜29 of Amylin Revealed by Solid-State NMR and X-ray Fiber Diffraction. Journal of the American Chemical Society, 2008, 130, 14990-15001. | 6.6 | 177 |
| 5 | Crystal structure of an RNA aptamerâ€“protein complex at 2.8 Ã... resolution. Nature Structural Biology, 1998, 5, 133-139. | 9.7 | 134 |
| 6 | Evidence that viral RNAs have evolved for efficient, two-stage packaging. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15769-15774. | 3.3 | 131 |
| 7 | Development of aptamer therapeutics. Current Opinion in Pharmacology, 2010, 10, 557-562. | 1.7 | 130 |
| 8 | A Simple, RNA-Mediated Allosteric Switch Controls the Pathway to Formation of a T=3 Viral Capsid. Journal of Molecular Biology, 2007, 369, 541-552. | 2.0 | 128 |
| 9 | Cooperative tandem binding of met repressor of Escherichia coli. Nature, 1989, 341, 711-715. | 13.7 | 122 |
| 10 | Modus operandi of the bacterial RNA polymerase containing the Ïƒ<sup>54</sup> promoterâ€specificity factor. Molecular Microbiology, 2008, 68, 538-546. | 1.2 | 118 |
| 11 | MS2 Viruslike Particles: A Robust, Semisynthetic Targeted Drug Delivery Platform. Molecular Pharmaceutics, 2013, 10, 59-68. | 2.3 | 113 |
| 12 | Ribosome-mediated Folding of Partially Unfolded Ricin A-chain. Journal of Biological Chemistry, 2000, 275, 9263-9269. | 1.6 | 105 |
| 13 | The Three-dimensional Structure of Genomic RNA in Bacteriophage MS2: Implications for Assembly. Journal of Molecular Biology, 2008, 375, 824-836. | 2.0 | 105 |
| 14 | Crystal structures of a series of RNA aptamers complexed to the same protein target. Nature Structural Biology, 1998, 5, 970-975. | 9.7 | 103 |
| 15 | Solving a Levinthal's paradox for virus assembly identifies a unique antiviral strategy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5361-5366. | 3.3 | 102 |
| 16 | Cell-Specific Delivery of Bacteriophage-Encapsidated Ricin A Chain. Bioconjugate Chemistry, 1995, 6, 587-595. | 1.8 | 92 |
| 17 | Revised Morning Loops of the Arabidopsis Circadian Clock Based on Analyses of Direct Regulatory Interactions. PLoS ONE, 2015, 10, e0143943. | 1.1 | 90 |
| 18 | RNA Bacteriophage Capsid-Mediated Drug Delivery and Epitope Presentation. Intervirology, 2002, 45, 371-380. | 1.2 | 89 |

| # | Article | IF | Citations |
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| 19 | Packaging signals in single-stranded RNA viruses: natureâ€™s alternative to a purely electrostatic assembly mechanism. Journal of Biological Physics, 2013, 39, 277-287. | 0.7 | 86 |
| 20 | Toggled RNA Aptamers Against Aminoglycosides Allowing Facile Detection of Antibiotics Using Gold Nanoparticle Assays. Analytical Chemistry, 2012, 84, 6595-6602. | 3.2 | 85 |
| 21 | Determining the topology of virus assembly intermediates using ion mobility spectrometryâ€“mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 3033-3042. | 0.7 | 81 |
| 22 | Packaging Signals in Two Single-Stranded RNA Viruses Imply a Conserved Assembly Mechanism and Geometry of the Packaged Genome. Journal of Molecular Biology, 2013, 425, 3235-3249. | 2.0 | 80 |
| 23 | Direct Evidence for Packaging Signal-Mediated Assembly of Bacteriophage MS2. Journal of Molecular Biology, 2016, 428, 431-448. | 2.0 | 80 |
| 24 | Operator interactions by the Bacillus subtilis arginine repressor/activator, AhrC: novel positioning and DNAâ€mediated assembly of a transcriptional activator at catabolic sites. Molecular Microbiology, 1997, 26, 37-48. | 1.2 | 79 |
| 25 | Delivery of antisense oligonucleotides to leukemia cells by RNA bacteriophage capsids. Nanomedicine: Nanotechnology, Biology, and Medicine, 2005, 1, 67-76. | 1.7 | 78 |
| 26 | HBV RNA pre-genome encodes specific motifs that mediate interactions with the viral core protein that promote nucleocapsid assembly. Nature Microbiology, 2017, 2, 17098. | 5.9 | 69 |
| 27 | Genomic RNA folding mediates assembly of human parechovirus. Nature Communications, 2017, 8, 5. | 5.8 | 67 |
| 28 | An improved Western blotting technique effectively reduces background. Electrophoresis, 2002, 23, 2373-2376. | 1.3 | 66 |
| 29 | Probing sequence-specific RNA recognition by the bacteriophage MS2 coat protien. Nucleic Acids Research, 1995, 23, 2512-2518. | 6.5 | 65 |
| 30 | Degenerate RNA Packaging Signals in the Genome of Satellite Tobacco Necrosis Virus: Implications for the Assembly of a T= 1 Capsid. Journal of Molecular Biology, 2011, 413, 51-65. | 2.0 | 65 |
| 31 | Engineering Thermal Stability in RNA Phage Capsids via Disulphide Bonds. Journal of Nanoscience and Nanotechnology, 2005, 5, 2034-2041. | 0.9 | 64 |
| 32 | The Impact of Viral RNA on Assembly Pathway Selection. Journal of Molecular Biology, 2010, 401, 298-308. | 2.0 | 64 |
| 33 | Revealing the density of encoded functions in a viral RNA. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2227-2232. | 3.3 | 64 |
| 34 | Probing the molecular mechanism of action of co-repressor in theE.colimethionine repressor-operator complex using surface plasmon resonance (SPR). Nucleic Acids Research, 1995, 23, 211-216. | 6.5 | 63 |
| 35 | A modelling paradigm for RNA virus assembly. Current Opinion in Virology, 2018, 31, 74-81. | 2.6 | 62 |
| 36 | The Asymmetric Structure of an Icosahedral Virus Bound to Its Receptor Suggests a Mechanism for Genome Release. Structure, 2013, 21, 1225-1234. | 1.6 | 61 |

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| 37 | Regulation of methionine biosynthesis in the enterobacteriaceae. Progress in Biophysics and Molecular Biology, 1991, 56, 145-185. | 1.4 | 60 |
| 38 | Viral Genomic Single-Stranded RNA Directs the Pathway Toward a T=3 Capsid. Journal of Molecular Biology, 2010, 395, 924-936. | 2.0 | 60 |
| 39 | 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. Rna, 2004, 10, 1776-1782. | 1.6 | 56 |
| 40 | RNA-Mediated Virus Assembly: Mechanisms and Consequences for Viral Evolution and Therapy. Annual Review of Biophysics, 2019, 48, 495-514. | 4.5 | 54 |
| 41 | Sizes of Long RNA Molecules Are Determined by the Branching Patterns of Their Secondary Structures. Biophysical Journal, 2016, 111, 2077-2085. | 0.2 | 53 |
| 42 | Evolution of a virus-like architecture and packaging mechanism in a repurposed bacterial protein. Science, 2021, 372, 1220-1224. | 6.0 | 53 |
| 43 | Sequence-Specific, RNAâ€“Protein Interactions Overcome Electrostatic Barriers Preventing Assembly of Satellite Tobacco Necrosis Virus Coat Protein. Journal of Molecular Biology, 2013, 425, 1050-1064. | 2.0 | 50 |
| 44 | Crystal Structures of MS2 Capsids with Mutations in the Subunit FG Loop. Journal of Molecular Biology, 1996, 256, 330-339. | 2.0 | 49 |
| 45 | Structural Basis of RNA Binding Discrimination between Bacteriophages Qβ and MS2. Structure, 2006, 14, 487-495. | 1.6 | 47 |
| 46 | Insights into virus capsid assembly from nonâ€covalent mass spectrometry. Mass Spectrometry Reviews, 2008, 27, 575-595. | 2.8 | 47 |
| 47 | A two-stage mechanism of viral RNA compaction revealed by single molecule fluorescence. RNA Biology, 2013, 10, 481-489. | 1.5 | 47 |
| 48 | Rewriting natureâ€™s assembly manual for a ssRNA virus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12255-12260. | 3.3 | 47 |
| 49 | Probing the kinetics of formation of the bacteriophage MS2 translational operator complex: identification of a protein conformer unable to bind RNA. Journal of Molecular Biology, 2001, 305, 1131-1144. | 2.0 | 45 |
| 50 | Synthesis, molecular structure and evaluation of new organometallic ruthenium anticancer agents. Dalton Transactions, 2009, , 10914. | 1.6 | 45 |
| 51 | Building a viral capsid in the presence of genomic RNA. Physical Review E, 2013, 87, 022717. | 0.8 | 45 |
| 52 | In VitroEvolution of the DNA Binding Sites ofEscherichia coliMethionine Repressor, MetJ. Journal of Molecular Biology, 1996, 255, 55-66. | 2.0 | 44 |
| 53 | A nucleosome-like particle containing an octamer of the arginine-rich histones H3 and H4. FEBS Letters, 1979, 99, 129-135. | 1.3 | 43 |
| 54 | Transcript analysis reveals an extended regulon and the importance of proteinâ€“protein co-operativity for the Escherichia coli methionine repressor. Biochemical Journal, 2006, 396, 227-234. | 1.7 | 43 |

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| 55 | A binding site for activation by theBacillus subtilis AhrC protein, a repressor/activator of arginine metabolism. Molecular Genetics and Genomics, 1995, 248, 329-340. | 2.4 | 42 |
| 56 | Assessing the causes and consequences of co-polymerization in amyloid formation. Prion, 2013, 7, 359-368. | 0.9 | 42 |
| 57 | Calorimetric studies of the energetics of protein-DNA interactions in theE. colimethionine repressor (MetJ) system. FEBS Letters, 1994, 348, 41-45. | 1.3 | 41 |
| 58 | New Insights into the Interaction of Ribosomal Protein L1 with RNA. Journal of Molecular Biology, 2006, 355, 747-759. | 2.0 | 40 |
| 59 | Construction and Crystal Structure of Recombinant STNV Capsids. Journal of Molecular Biology, 2011, 413, 41-50. | 2.0 | 38 |
| 60 | Bacteriophage MS2 genomic RNA encodes an assembly instruction manual for its capsid. Bacteriophage, 2016, 6, e1157666. | 1.9 | 38 |
| 61 | Differential scanning calorimetry of thermal unfolding of the methionine repressor protein (MetJ) from Escherichia coli. Biochemistry, 1992, 31, 9717-9724. | 1.2 | 37 |
| 62 | Dissecting the molecular details of prokaryotic transcriptional control by surface plasmon resonance: the methionine and arginine repressor proteins. Biosensors and Bioelectronics, 1998, 13, 637-650. | 5.3 | 37 |
| 63 | The Organization of Aromatic Side Groups in an Amyloid Fibril Probed by Solid-State 2H and 19F NMR Spectroscopy. Journal of the American Chemical Society, 2006, 128, 8098-8099. | 6.6 | 37 |
| 64 | Production and Characterization of RNA Aptamers Specific for Amyloid Fibril Epitopes. Journal of Biological Chemistry, 2007, 282, 34500-34509. | 1.6 | 37 |
| 65 | Mutually-induced Conformational Switching of RNA and Coat Protein Underpins Efficient Assembly of a Viral Capsid. Journal of Molecular Biology, 2010, 401, 309-322. | 2.0 | 37 |
| 66 | Visualising a Viral RNA Genome Poised for Release from Its Receptor Complex. Journal of Molecular Biology, 2011, 408, 408-419. | 2.0 | 36 |
| 67 | Expanding the Repertoire of Amyloid Polymorphs by Co-polymerization of Related Protein Precursors. Journal of Biological Chemistry, 2013, 288, 7327-7337. | 1.6 | 36 |
| 68 | Probing met represserâ€“operator recognition in solution. Nature, 1992, 359, 431-433. | 13.7 | 35 |
| 69 | A convenient synthesis of S-cyanoethyl-protected 4-thiouridine and its incorporation into oligoribonucleotides. Tetrahedron Letters, 1994, 35, 765-768. | 0.7 | 34 |
| 70 | Crystallographic studies of RNA hairpins in complexes with recombinant MS2 capsids: Implications for binding requirements. Rna, 1999, 5, 131-138. | 1.6 | 34 |
| 71 | Investigating the structural basis of purine specificity in the structures of MS2 coat protein RNA translational operator hairpins. Nucleic Acids Research, 2002, 30, 2678-2685. | 6.5 | 34 |
| 72 | Phage presentation. Molecular Microbiology, 1996, 20, 685-692. | 1.2 | 32 |

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| 73 | RNA aptamers for the MS2 bacteriophage coat protein and the wild-type RNA operator have similar solution behaviour. Nucleic Acids Research, 2000, 28, 489-497. | 6.5 | 32 |
| 74 | Assembly of infectious enteroviruses depends on multiple, conserved genomic RNA-coat protein contacts. PLoS Pathogens, 2020, 16, e1009146. | 2.1 | 31 |
| 75 | Isolation of an Asymmetric RNA Uncoating Intermediate for a Single-Stranded RNA Plant Virus. Journal of Molecular Biology, 2012, 417, 65-78. | 2.0 | 30 |
| 76 | Hamiltonian path analysis of viral genomes. Nature Communications, 2018, 9, 2021. | 5.8 | 30 |
| 77 | Structure and Function of the Arginine Repressor-Operator Complex from Bacillus subtilis. Journal of Molecular Biology, 2008, 379, 284-298. | 2.0 | 29 |
| 78 | Molecular mechanism of RNA-phage morphogenesis. Biochemical Society Transactions, 1993, 21, 627-634. | 1.6 | 28 |
| 79 | Analysis of phage MS2 coat protein mutants expressed from a reconstituted phagemid reveals that proline 78 is essential for viral infectivity 1 1 Edited by J.Karn. Journal of Molecular Biology, 1997, 266, 1-7. | 2.0 | 28 |
| 80 | Probing Activation of the Prokaryotic Arginine Transcriptional Regulator Using Chimeric Proteins. Journal of Molecular Biology, 1999, 289, 707-727. | 2.0 | 28 |
| 81 | Single-Molecule Fluorescence Resonance Energy Transfer Assays Reveal Heterogeneous Folding Ensembles in a Simple RNA Stemâ€“Loop. Journal of Molecular Biology, 2008, 384, 264-278. | 2.0 | 28 |
| 82 | Expression and immunogenicity of a liver stage malaria epitope presented as a foreign peptide on the surface of RNA-free MS2 bacteriophage capsids. Vaccine, 1999, 18, 251-258. | 1.7 | 27 |
| 83 | Conformational flexibility and molecular interactions of an archaeal homologue of the Shwachman-Bodian-Diamond syndrome protein. BMC Structural Biology, 2009, 9, 32. | 2.3 | 27 |
| 84 | Quantitation of theEscherichia coliMethionine Repressorâ€“Operator Interaction by Surface Plasmon Resonance Is Not Affected by the Presence of a Dextran Matrix. Analytical Biochemistry, 1997, 254, 82-87. | 1.1 | 26 |
| 85 | Evidence that avian reovirus ΪƒNS is an RNA chaperone: implications for genome segment assortment. Nucleic Acids Research, 2015, 43, 7044-7057. | 6.5 | 26 |
| 86 | Development of smart nanoparticleâ€“aptamer sensing technology. Faraday Discussions, 2011, 149, 319-332. | 1.6 | 25 |
| 87 | Structural constraints on the three-dimensional geometry of simple viruses: case studies of a new predictive tool. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, 140-150. | 0.3 | 25 |
| 88 | Incorporation of a fluorescent nucleotide into oligoribonucleotides. Tetrahedron Letters, 1994, 35, 1597-1600. | 0.7 | 24 |
| 89 | Domain movements of the enhancer-dependent sigma factor drive DNA delivery into the RNA polymerase active site: insights from single molecule studies. Nucleic Acids Research, 2014, 42, 5177-5190. | 6.5 | 24 |
| 90 | Surface Plasmon Resonance Assays of DNA-Protein Interactions. Methods in Molecular Biology, 2009, 543, 653-669. | 0.4 | 23 |

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| 91 | Scanning conformational space with a library of stereo- and regiochemically diverse aminoglycoside derivatives: the discovery of new ligands for RNA hairpin sequences. Organic and Biomolecular Chemistry, 2007, 5, 1081. | 1.5 | 22 |
| 92 | Characterization of RNA aptamers that disrupt the RUNX1â€“CBFÎ²/DNA complex. Nucleic Acids Research, 2009, 37, 6818-6830. | 6.5 | 20 |
| 93 | Limits of Structural Plasticity in a Picornavirus Capsid Revealed by a Massively Expanded Equine Rhinitis A Virus Particle. Journal of Virology, 2014, 88, 6093-6099. | 1.5 | 20 |
| 94 | The Influence of Twoâ€Dimensional Organization on Peptide Conformation. Angewandte Chemie - International Edition, 2015, 54, 974-978. | 7.2 | 20 |
| 95 | Cut-and-Run: A Distinct Mechanism by which V(D)J Recombination Causes Genome Instability. Molecular Cell, 2019, 74, 584-597.e9. | 4.5 | 20 |
| 96 | Structural and Functional Studies of an Intermediate on the Pathway to Operator Binding by Escherichia coli MetJ. Journal of Molecular Biology, 2002, 320, 39-53. | 2.0 | 18 |
| 97 | New tertiary constraints between the RNA components of active yeast spliceosomes: A photo-crosslinking study. Rna, 2004, 10, 1251-1265. | 1.6 | 18 |
| 98 | Identification of stable S-adenosylmethionine (SAM) analogues derivatised with bioorthogonal tags: effect of ligands on the affinity of the E. colimethionine repressor, MetJ, for its operator DNA. Organic and Biomolecular Chemistry, 2009, 7, 635-638. | 1.5 | 18 |
| 99 | RNA-induced conformational changes in a viral coat protein studied by hydrogen/deuterium exchange mass spectrometry. Physical Chemistry Chemical Physics, 2010, 12, 13468. | 1.3 | 18 |
| 100 | A new paradigm for the roles of the genome in ssRNA viruses. Future Virology, 2013, 8, 531-543. | 0.9 | 18 |
| 101 | Oncogene dependency and the potential of targeted RNAi-based anti-cancer therapy. Biochemical Journal, 2014, 461, 1-13. | 1.7 | 18 |
| 102 | Effects of systematic variation of the minimal Escherichia coli met consensus operator site: in vivo and in vitromet repressor binding. Molecular Microbiology, 1996, 21, 1125-1135. | 1.2 | 17 |
| 103 | Filter-Binding Assays. Methods in Molecular Biology, 2009, 543, 1-14. | 0.4 | 17 |
| 104 | Comparing antiviral strategies against COVID-19 via multiscale within-host modelling. Royal Society Open Science, 2021, 8, 210082. | 1.1 | 17 |
| 105 | Synthesis of a library of stereo- and regiochemically diverse aminoglycoside derivatives. Organic and Biomolecular Chemistry, 2005, 3, 2776. | 1.5 | 16 |
| 106 | Structure of the C-terminal effector-binding domain of AhrC bound to its corepressor<scp>L</scp>-arginine. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 918-921. | 0.7 | 16 |
| 107 | A high-resolution structure of the DNA-binding domain of AhrC, the arginine repressor/activator protein fromBacillus subtilis. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 914-917. | 0.7 | 15 |
| 108 | Emerging Topics in Physical Virology. , 2010, , . | | 15 |

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| 109 | Modeling and solution structure probing of the HIV-1 TAR stem-loop. Journal of Molecular Graphics, 1993, 11, 92-97. | 1.7 | 13 |
| 110 | An Intracellular Model of Hepatitis B Viral Infection: An In Silico Platform for Comparing Therapeutic Strategies. Viruses, 2021, 13, 11. | 1.5 | 13 |
| 111 | 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. Journal of Biological Chemistry, 1999, 274, 2255-2262. | 1.6 | 12 |
| 112 | Kinetic analysis of operator binding by theE. colimethionine repressor highlights the role(s) of electrostatic interactions. FEBS Letters, 2004, 564, 136-142. | 1.3 | 12 |
| 113 | RNA Packing Specificity and Folding during Assembly of the Bacteriophage MS2. Computational and Mathematical Methods in Medicine, 2008, 9, 339-349. | 0.7 | 12 |
| 114 | Asymmetric Genome Organization in an RNA Virus Revealed via Graph-Theoretical Analysis of Tomographic Data. PLoS Computational Biology, 2015, 11, e1004146. | 1.5 | 12 |
| 115 | Similarity of met and trp repressors. Nature, 1994, 368, 106-106. | 13.7 | 10 |
| 116 | Broadly Neutralizing Bovine Antibodies: Highly Effective New Tools against Evasive Pathogens?. Viruses, 2020, 12, 473. | 1.5 | 10 |
| 117 | Modeling loop structures in proteins and nucleic acids: an RNA stem-loop. Journal of Molecular Graphics, 1989, 7, 186-195. | 1.7 | 9 |
| 118 | Hyperreactivity of adenines and conformational flexibility of a translational repression site. FEBS Letters, 1991, 283, 159-164. | 1.3 | 9 |
| 119 | Design, synthesis and in vitro evaluation of novel bivalent S-adenosylmethionine analogues. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 278-284. | 1.0 | 9 |
| 120 | Trivalent Gd-DOTA reagents for modification of proteins. RSC Advances, 2015, 5, 96194-96200. | 1.7 | 9 |
| 121 | An age-structured model of hepatitis B viral infection highlights the potential of different therapeutic strategies. Scientific Reports, 2022, 12, 1252. | 1.6 | 9 |
| 122 | Ethylation Interference. , 1994, 30, 125-140. | | 8 |
| 123 | [34] Use of fusions to viral coat proteins as antigenic carriers for vaccine development. Methods in Enzymology, 2000, 326, 551-569. | 0.4 | 8 |
| 124 | Molecular interactions in the RNA bacteriophage MS2. Biochemical Society Transactions, 1996, 24, 412S-412S. | 1.6 | 7 |
| 125 | Directed surface attachment of nanomaterials via coiled-coil-driven self-assembly. Nanotechnology, 2012, 23, 495304. | 1.3 | 7 |
| 126 | On-Surface Assembly of Coiled-Coil Heterodimers. Langmuir, 2012, 28, 13877-13882. | 1.6 | 7 |

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| 127 | Distinguishing Closely Related Amyloid Precursors Using an RNA Aptamer. Journal of Biological Chemistry, 2014, 289, 26859-26871. | 1.6 | 7 |
| 128 | Incorporation of 6-thioinosine into oligoribonucleotides. Tetrahedron Letters, 1995, 36, 4637-4640. | 0.7 | 6 |
| 129 | DEVELOPMENT OF A NOVEL DRUG-DELIVERY SYSTEM USING BACTERIOPHAGE MS2 CAPSIDS. Biochemical Society Transactions, 1996, 24, 413S-413S. | 1.6 | 6 |
| 130 | Asymmetric double ring-opening of a C2h-symmetric bis-epoxide: improved enantiomeric excess of the product through enantioselective desymmetrisation and â€˜proof-readingâ€™ steps. Organic and Biomolecular Chemistry, 2005, 3, 2350. | 1.5 | 6 |
| 131 | Mutations in RNA Polymerase Bridge Helix and Switch Regions Affect Active-Site Networks and Transcript-Assisted Hydrolysis. Journal of Molecular Biology, 2015, 427, 3516-3526. | 2.0 | 6 |
| 132 | Dysregulation of Hepatitis B Virus Nucleocapsid Assembly in vitro by RNA-binding Small Ligands. Journal of Molecular Biology, 2022, 434, 167557. | 2.0 | 6 |
| 133 | In vitro functional analysis of gRNA sites regulating assembly of hepatitis B virus. Communications Biology, 2021, 4, 1407. | 2.0 | 6 |
| 134 | A biaryl peptide crosslink in a MetJ peptide model confers cooperative, nonspecific binding to DNA that ablates both repressor binding and In vitro transcription. Bioorganic and Medicinal Chemistry, 2003, 11, 811-816. | 1.4 | 5 |
| 135 | Visualizing the organization and reorganization of transcription complexes for gene expression. Biochemical Society Transactions, 2008, 36, 776-779. | 1.6 | 4 |
| 136 | Ethylation Interference Footprinting of DNA-Protein Complexes. Methods in Molecular Biology, 2009, 543, 105-120. | 0.4 | 4 |
| 137 | Viral protein-nucleic acid interactions. Current Opinion in Structural Biology, 1992, 2, 143-149. | 2.6 | 3 |
| 138 | Specific cytotoxicity against cells bearing HIV1 gp120 antigen by bacteriophage-encapsidated ricin A chain: implications for cell specific drug delivery. Biochemical Society Transactions, 1997, 25, 158S-158S. | 1.6 | 3 |
| 139 | Filter-Binding Assays. , 2001, 148, 001-011. | | 3 |
| 140 | Equipping a Research Scale Fermentation Laboratory for Production of Membrane Proteins. , 0, , 37-67. | | 3 |
| 141 | Filter-Binding Assays. , 1994, 30, 251-262. | | 2 |
| 142 | Biomolecular interaction analysis. Trends in Biotechnology, 1996, 14, 39-41. | 4.9 | 1 |
| 143 | Mathematical Virology. Journal of Theoretical Medicine, 2005, 6, 67-68. | 0.5 | 1 |
| 144 | The physics of virus assembly. Physical Biology, 2010, 7, 040301. | 0.8 | 1 |

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| 145 | An improved Western blotting technique effectively reduces background. , 2002, 23, 2373. | | 1 |
| 146 | Cryo-Electron Microscopy of Viruses. , 2010, , 1-33. | | 1 |
| 147 | Therapeutic interfering particles exploiting viral replication and assembly mechanisms show promising performance: a modelling study. Scientific Reports, 2021, 11, 23847. | 1.6 | 1 |
| 148 | Ribosome-mediated refolding of partially-unfolded ricin A-chain. Biochemical Society Transactions, 2000, 28, A68-A68. | 1.6 | 0 |
| 149 | Ethylation Interference. , 2001, 148, 229-243. | | 0 |
| 150 | CHAPTER 6. Therapeutic Applications of Nucleic Acid Aptamer Conjugates. RSC Biomolecular Sciences, 2012, , 140-165. | 0.4 | 0 |
| 151 | Viral Genome Conformations and Contacts across Different Lifecycle Stages. Proceedings (mdpi), 2020, 50, . | 0.2 | 0 |
| 152 | Conservation of Genetically-Embedded Virus Assembly Instructions: A Novel Route to Antiviral Therapy. Proceedings (mdpi), 2020, 50, 87. | 0.2 | 0 |
| 153 | Genome Packaging. , 2021, , 488-494. | | 0 |
| 154 | Single-Stranded RNA Bacterial Viruses. , 2021, , 21-25. | | 0 |
| 155 | Structural characterization of genomic RNA-coat protein contacts in single-stranded RNA viruses by high-resolution cryo-EM. Access Microbiology, 2020, 2, . | 0.2 | 0 |
| 156 | Dataset of high-throughput ligand screening against the RNA Packaging Signals regulating Hepatitis B Virus nucleocapsid formation. Data in Brief, 2022, 42, 108206. | 0.5 | 0 |