

Venkatraman Ramakrishnan

List of Publications by Year in descending order

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165
papers

26,224
citations

10070

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8627

151
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173
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173
docs citations

173
times ranked

16102
citing authors

#	ARTICLE	IF	CITATIONS
1	My Memories of Alexander Spirin. <i>Biochemistry (Moscow)</i> , 2021, 86, 908-909.	0.7	0
2	Visualizing formation of the active site in the mitochondrial ribosome. <i>ELife</i> , 2021, 10, .	2.8	22
3	Elongational stalling activates mitoribosome-associated quality control. <i>Science</i> , 2020, 370, 1105-1110.	6.0	74
4	Structure of a human 48S translational initiation complex. <i>Science</i> , 2020, 369, 1220-1227.	6.0	138
5	Royal Society president stands up for Chinese scientists in the United States. <i>Nature</i> , 2019, 571, 326-326.	13.7	0
6	Academies' action plan for germline editing. <i>Nature</i> , 2019, 567, 175-175.	13.7	14
7	Structural basis for the inhibition of translation through eIF2 γ phosphorylation. <i>Nature Communications</i> , 2019, 10, 2640.	5.8	62
8	How a circularized tmRNA moves through the ribosome. <i>Science</i> , 2019, 363, 740-744.	6.0	34
9	Mechanism of ribosome stalling during translation of a poly(A) tail. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 1132-1140.	3.6	114
10	Thomas A. Steitz (1940–2018). <i>Science</i> , 2018, 362, 897-897.	6.0	0
11	ZNF598 Is a Quality Control Sensor of Collided Ribosomes. <i>Molecular Cell</i> , 2018, 72, 469-481.e7.	4.5	294
12	Translational initiation factor eIF5 replaces eIF1 on the 40S ribosomal subunit to promote start-codon recognition. <i>ELife</i> , 2018, 7, .	2.8	76
13	Visualizing tmRNA Entry into a Stalled Ribosome. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , The, 2018, , 335-338.	0.2	0
14	The structure of the yeast mitochondrial ribosome. <i>Science</i> , 2017, 355, 528-531.	6.0	161
15	Structures of the human mitochondrial ribosome in native states of assembly. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 866-869.	3.6	140
16	Pro-science budget is not enough for a Brexit world. <i>Nature</i> , 2017, 551, 543-543.	13.7	2
17	Structural characterization of ribosome recruitment and translocation by type IV IRES. <i>ELife</i> , 2016, 5, .	2.8	82
18	Translational termination without a stop codon. <i>Science</i> , 2016, 354, 1437-1440.	6.0	72

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19	Ribosome-dependent activation of stringent control. <i>Nature</i> , 2016, 534, 277-280.	13.7	200
20	Large-Scale Movements of IF3 and tRNA during Bacterial Translation Initiation. <i>Cell</i> , 2016, 167, 133-144.e13.	13.5	135
21	Decoding Mammalian Ribosome-mRNA States by Translational GTPase Complexes. <i>Cell</i> , 2016, 167, 1229-1240.e15.	13.5	191
22	Bactobolin A Binds to a Site on the 70S Ribosome Distinct from Previously Seen Antibiotics. <i>Journal of Molecular Biology</i> , 2015, 427, 753-755.	2.0	48
23	Structural basis for stop codon recognition in eukaryotes. <i>Nature</i> , 2015, 524, 493-496.	13.7	237
24	The structure of the human mitochondrial ribosome. <i>Science</i> , 2015, 348, 95-98.	6.0	432
25	Conformational Differences between Open and Closed States of the Eukaryotic Translation Initiation Complex. <i>Molecular Cell</i> , 2015, 59, 399-412.	4.5	195
26	The Diamond Light Source and the challenges ahead for structural biology: some informal remarks. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20130156.	1.6	3
27	Structural Changes Enable Start Codon Recognition by the Eukaryotic Translation Initiation Complex. <i>Cell</i> , 2014, 159, 597-607.	13.5	173
28	The Ribosome Emerges from a Black Box. <i>Cell</i> , 2014, 159, 979-984.	13.5	104
29	A new system for naming ribosomal proteins. <i>Current Opinion in Structural Biology</i> , 2014, 24, 165-169.	2.6	481
30	Structure of the Yeast Mitochondrial Large Ribosomal Subunit. <i>Science</i> , 2014, 343, 1485-1489.	6.0	521
31	Initiation of Translation by Cricket Paralysis Virus IRES Requires Its Translocation in the Ribosome. <i>Cell</i> , 2014, 157, 823-831.	13.5	211
32	4â€²-O-substitutions determine selectivity of aminoglycoside antibiotics. <i>Nature Communications</i> , 2014, 5, 3112.	5.8	68
33	Structure of the large ribosomal subunit from human mitochondria. <i>Science</i> , 2014, 346, 718-722.	6.0	260
34	Structure of the Yeast Mitochondrial Large Ribosomal Subunit. <i>Microscopy and Microanalysis</i> , 2014, 20, 1252-1253.	0.2	1
35	The ribosome triggers the stringent response by RelA via a highly distorted tRNA. <i>EMBO Reports</i> , 2013, 14, 811-816.	2.0	52
36	Crystal Structure of a Bioactive Pactamycin Analog Bound to the 30S Ribosomal Subunit. <i>Journal of Molecular Biology</i> , 2013, 425, 3907-3910.	2.0	21

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37	Elongation Factor G Bound to the Ribosome in an Intermediate State of Translocation. <i>Science</i> , 2013, 340, 1235490.	6.0	192
38	Molecular Architecture of a Eukaryotic Translational Initiation Complex. <i>Science</i> , 2013, 342, 1240585.	6.0	120
39	Unusual base pairing during the decoding of a stop codon by the ribosome. <i>Nature</i> , 2013, 500, 107-110.	13.7	135
40	Structural Basis of the Translational Elongation Cycle. <i>Annual Review of Biochemistry</i> , 2013, 82, 203-236.	5.0	240
41	The structural basis for specific decoding of AUA by isoleucine tRNA on the ribosome. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 641-643.	3.6	34
42	Dissociation of antibacterial activity and aminoglycoside ototoxicity in the 4-monosubstituted 2-deoxystreptamine apramycin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10984-10989.	3.3	185
43	Decoding in the Absence of a Codon by tmRNA and SmpB in the Ribosome. <i>Science</i> , 2012, 335, 1366-1369.	6.0	97
44	Ribosome engineering to promote new crystal forms. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 578-583.	2.5	26
45	The Eukaryotic Ribosome. <i>Science</i> , 2011, 331, 681-682.	6.0	20
46	How mutations in tRNA distant from the anticodon affect the fidelity of decoding. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 432-436.	3.6	109
47	Profile of Venkatraman Ramakrishnan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15676-15678.	3.3	0
48	Response to Comment on "The Mechanism for Activation of GTP Hydrolysis on the Ribosome". <i>Science</i> , 2011, 333, 37-37.	6.0	29
49	Crystal structure of the hybrid state of ribosome in complex with the guanosine triphosphatase release factor 3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15798-15803.	3.3	80
50	Unraveling the Structure of the Ribosome (Nobel Lecture). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4355-4380.	7.2	64
51	Structural basis for 16S ribosomal RNA cleavage by the cytotoxic domain of colicin E3. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1241-1246.	3.6	44
52	Structure of the 70S ribosome bound to release factor 2 and a substrate analog provides insights into catalysis of peptide release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8593-8598.	3.3	98
53	Modification of 16S ribosomal RNA by the KsgA methyltransferase restructures the 30S subunit to optimize ribosome function. <i>Rna</i> , 2010, 16, 2319-2324.	1.6	87
54	The Mechanism for Activation of GTP Hydrolysis on the Ribosome. <i>Science</i> , 2010, 330, 835-838.	6.0	318

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55	GTPase activation of elongation factor EF-Tu by the ribosome during decoding. EMBO Journal, 2009, 28, 755-765.	3.5	175
56	What recent ribosome structures have revealed about the mechanism of translation. Nature, 2009, 461, 1234-1242.	13.7	597
57	Insights into substrate stabilization from snapshots of the peptidyl transferase center of the intact 70S ribosome. Nature Structural and Molecular Biology, 2009, 16, 528-533.	3.6	335
58	The Crystal Structure of the Ribosome Bound to EF-Tu and Aminoacyl-tRNA. Science, 2009, 326, 688-694.	6.0	481
59	The Structural Basis for mRNA Recognition and Cleavage by the Ribosome-Dependent Endonuclease RelE. Cell, 2009, 139, 1084-1095.	13.5	194
60	The Structure of the Ribosome with Elongation Factor G Trapped in the Posttranslocational State. Science, 2009, 326, 694-699.	6.0	465
61	The Ribosome: Some Hard Facts about Its Structure and Hot Air about Its Evolution. Cold Spring Harbor Symposia on Quantitative Biology, 2009, 74, 25-33.	2.0	17
62	The termination of translation. Current Opinion in Structural Biology, 2008, 18, 70-77.	2.6	54
63	Insights into Translational Termination from the Structure of RF2 Bound to the Ribosome. Science, 2008, 322, 953-956.	6.0	273
64	Modified Uridines with C5-methylene Substituents at the First Position of the tRNA Anticodon Stabilize U \hat{A} -G Wobble Pairing during Decoding. Journal of Biological Chemistry, 2008, 283, 18801-18811.	1.6	142
65	What we have learned from ribosome structures. Biochemical Society Transactions, 2008, 36, 567-574.	1.6	32
66	Structures of tRNAs with an expanded anticodon loop in the decoding center of the 30S ribosomal subunit. Rna, 2007, 13, 817-823.	1.6	52
67	The Eukaryotic Translation Initiation Factors eIF1 and eIF1A Induce an Open Conformation of the 40S Ribosome. Molecular Cell, 2007, 26, 41-50.	4.5	289
68	Mechanism for expanding the decoding capacity of transfer RNAs by modification of uridines. Nature Structural and Molecular Biology, 2007, 14, 498-502.	3.6	168
69	Crystal structure of the ribosome recycling factor bound to the ribosome. Nature Structural and Molecular Biology, 2007, 14, 733-737.	3.6	99
70	Structure of the 70S Ribosome Complexed with mRNA and tRNA. Science, 2006, 313, 1935-1942.	6.0	1,186
71	MOLECULAR BIOLOGY: A Renewed Focus on Transfer RNA. Science, 2005, 308, 1123-1124.	6.0	17
72	Crystal Structures of the Ribosome in Complex with Release Factors RF1 and RF2 Bound to a Cognate Stop Codon. Cell, 2005, 123, 1255-1266.	13.5	239

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73	STRUCTURAL INSIGHTS INTO TRANSLATIONAL FIDELITY. Annual Review of Biochemistry, 2005, 74, 129-177.	5.0	538
74	The role of modifications in codon discrimination by tRNA ^{Lys} UUU. Nature Structural and Molecular Biology, 2004, 11, 1186-1191.	3.6	304
75	Structure of a purine-purine wobble base pair in the decoding center of the ribosome. Nature Structural and Molecular Biology, 2004, 11, 1251-1252.	3.6	145
76	Insights into the decoding mechanism from recent ribosome structures. Trends in Biochemical Sciences, 2003, 28, 259-266.	3.7	335
77	Phasing the 30S ribosomal subunit structure. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 2044-2050.	2.5	12
78	Shape can be seductive. Nature Structural Biology, 2003, 10, 78-80.	9.7	11
79	Visualizing tmRNA Entry into a Stalled Ribosome. Science, 2003, 300, 127-130.	6.0	141
80	Crystal structure of the 30 s ribosomal subunit from Thermus thermophilus: structure of the proteins and their interactions with 16 s RNA. Journal of Molecular Biology, 2002, 316, 725-768.	2.0	345
81	Ribosome Structure and the Mechanism of Translation. Cell, 2002, 108, 557-572.	13.5	759
82	Selection of tRNA by the Ribosome Requires a Transition from an Open to a Closed Form. Cell, 2002, 111, 721-732.	13.5	603
83	Crystal structure of the 30 S ribosomal subunit from Thermus thermophilus: purification, crystallization and structure determination. Journal of Molecular Biology, 2001, 310, 827-843.	2.0	128
84	Recognition of Cognate Transfer RNA by the 30S Ribosomal Subunit. Science, 2001, 292, 897-902.	6.0	1,085
85	Crystal Structure of an Initiation Factor Bound to the 30S Ribosomal Subunit. Science, 2001, 291, 498-501.	6.0	348
86	Insights from the structure of the 30S ribosomal subunit and its complex with antibiotics. Biochemical Society Transactions, 2001, 29, A48-A48.	1.6	0
87	Atomic structures at last: the ribosome in 2000. Current Opinion in Structural Biology, 2001, 11, 144-154.	2.6	149
88	Atomic Structures of the 30S Subunit and Its Complexes with Ligands and Antibiotics. Cold Spring Harbor Symposia on Quantitative Biology, 2001, 66, 17-32.	2.0	14
89	Structural studies on ribosomal components - insights into the mechanism of translation. Biochemical Society Transactions, 2000, 28, A103-A103.	1.6	0
90	Structure of the 30S ribosomal subunit. Biochemical Society Transactions, 2000, 28, A103-A103.	1.6	0

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91	Structure of the 30S ribosomal subunit. <i>Nature</i> , 2000, 407, 327-339.	13.7	1,891
92	Functional insights from the structure of the 30S ribosomal subunit and its interactions with antibiotics. <i>Nature</i> , 2000, 407, 340-348.	13.7	1,477
93	Another piece of the ribosome: solution structure of S16 and its location in the 30S subunit. <i>Structure</i> , 2000, 8, 875-882.	1.6	16
94	Enhanced visibility of hydrogen atoms by neutron crystallography on fully deuterated myoglobin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3872-3877.	3.3	117
95	The Structural Basis for the Action of the Antibiotics Tetracycline, Pactamycin, and Hygromycin B on the 30S Ribosomal Subunit. <i>Cell</i> , 2000, 103, 1143-1154.	13.5	816
96	Location of translational initiation factor IF3 on the small ribosomal subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4301-4306.	3.3	139
97	Structure of a bacterial 30S ribosomal subunit at 5.5Å resolution. <i>Nature</i> , 1999, 400, 833-840.	13.7	347
98	A Detailed View of a Ribosomal Active Site. <i>Cell</i> , 1999, 97, 491-502.	13.5	339
99	Crystal Structure of the Conserved Subdomain of Human Protein SRP54M at 2.1Å Resolution: Evidence for the Mechanism of Signal Peptide Binding. <i>Journal of Molecular Biology</i> , 1999, 292, 697-705.	2.0	68
100	Crystal structure of the histone acetyltransferase Hpa2: a tetrameric member of the Gcn5-related N-acetyltransferase superfamily. <i>Journal of Molecular Biology</i> , 1999, 294, 1311-1325.	2.0	102
101	The crystal structure of ribosomal protein S4 reveals a two-domain molecule with an extensive RNA-binding surface: one domain shows structural homology to the ETS DNA-binding motif. <i>EMBO Journal</i> , 1998, 17, 4545-4558.	3.5	68
102	Position and orientation of the globular domain of linker histone H5 on the nucleosome. <i>Nature</i> , 1998, 395, 402-405.	13.7	205
103	Ribosomal protein structures: insights into the architecture, machinery and evolution of the ribosome. <i>Trends in Biochemical Sciences</i> , 1998, 23, 208-212.	3.7	151
104	Conformational variability of the N-terminal helix in the structure of ribosomal protein S15. <i>Structure</i> , 1998, 6, 429-438.	1.6	52
105	Structure of the Histone Acetyltransferase Hat1. <i>Cell</i> , 1998, 94, 427-438.	13.5	223
106	Ribosomal proteins S5 and L6: high-resolution crystal structures and roles in protein synthesis and antibiotic resistance. <i>Journal of Molecular Biology</i> , 1998, 279, 873-888.	2.0	57
107	[31] Treatment of multiwavelength anomalous diffraction data as a special case of multiple isomorphous replacement. <i>Methods in Enzymology</i> , 1997, 276, 538-557.	0.4	96
108	HISTONE STRUCTURE AND THE ORGANIZATION OF THE NUCLEOSOME. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 1997, 26, 83-112.	18.3	154

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109	The structure of ribosomal protein S7 at 1.9 Å... resolution reveals a Î²-hairpin motif that binds double-stranded nucleic acids. <i>Structure</i> , 1997, 5, 1187-1198.	1.6	70
110	Histone H1 and Chromatin Higher-Order Structure. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 1997, 7, 215-230.	0.4	106
111	Treatment of multiwavelength anomalous diffraction data as a special case of multiple isomorphous replacement. <i>Methods in Enzymology</i> , 1997, 276, 538-57.	0.4	22
112	Solution Structure of Prokaryotic Ribosomal Protein S17 by High-Resolution NMR Spectroscopy. <i>Biochemistry</i> , 1996, 35, 2845-2853.	1.2	45
113	Linker Histone-dependent DNA Structure in Linear Mononucleosomes. <i>Journal of Molecular Biology</i> , 1996, 257, 30-42.	2.0	166
114	Ribosomal Protein L9: A Structure Determination by the Combined Use of X-ray Crystallography and NMR Spectroscopy. <i>Journal of Molecular Biology</i> , 1996, 264, 1058-1071.	2.0	79
115	Identification of two DNA-binding sites on the globular domain of histone H5.. <i>EMBO Journal</i> , 1996, 15, 3421-3429.	3.5	133
116	The crystal structure of ribosomal protein L14 reveals an important organizational component of the translational apparatus. <i>Structure</i> , 1996, 4, 55-66.	1.6	71
117	Structural evidence for specific S8-RNA and S8-protein interactions within the 30S ribosomal subunit: ribosomal protein S8 from <i>Bacillus stearothermophilus</i> at 1.9 Å resolution. <i>Structure</i> , 1996, 4, 1093-1104.	1.6	69
118	High-Level Expression and Deuteration of Sperm Whale Myoglobin. , 1996, , 309-323.		2
119	Neutron Scattering Studies on Chromatin Higher-Order Structure. , 1996, 64, 127-136.		0
120	Identification of two DNA-binding sites on the globular domain of histone H5. <i>EMBO Journal</i> , 1996, 15, 3421-9.	3.5	55
121	The histone fold: evolutionary questions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11328-11330.	3.3	14
122	X-ray crystallography shows that translational initiation factor IF3 consists of two compact alpha/beta domains linked by an alpha-helix.. <i>EMBO Journal</i> , 1995, 14, 4056-4064.	3.5	147
123	Structures of prokaryotic ribosomal proteins: implications for RNA binding and evolution. <i>Biochemistry and Cell Biology</i> , 1995, 73, 979-986.	0.9	24
124	Prokaryotic Translation Initiation Factor IF3 Is an Elongated Protein Consisting of Two Crystallizable Domains. <i>Biochemistry</i> , 1995, 34, 6183-6187.	1.2	39
125	X-ray crystallography shows that translational initiation factor IF3 consists of two compact alpha/beta domains linked by an alpha-helix. <i>EMBO Journal</i> , 1995, 14, 4056-64.	3.5	44
126	Crystal structure of prokaryotic ribosomal protein L9: a bi-lobed RNA-binding protein.. <i>EMBO Journal</i> , 1994, 13, 205-212.	3.5	104

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127	Histone H1 is located in the interior of the chromatin 30-nm filament. <i>Nature</i> , 1994, 368, 351-354.	13.7	121
128	Crystallization and preliminary X-ray diffraction studies of bacterial ribosomal protein L14. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1994, 50, 790-792.	2.5	3
129	Homo- and Heteronuclear Two-Dimensional NMR Studies of the Globular Domain of Histone H1: Full Assignment, Tertiary Structure, and Comparison with the Globular Domain of Histone H5. <i>Biochemistry</i> , 1994, 33, 11079-11086.	1.2	98
130	Expression of Chicken Linker Histones in <i>E. coli</i> : Sources of Problems and Methods for Overcoming Some of the Difficulties. <i>Protein Expression and Purification</i> , 1994, 5, 242-251.	0.6	63
131	Histone structure. <i>Current Opinion in Structural Biology</i> , 1994, 4, 44-50.	2.6	26
132	Crystal structure of prokaryotic ribosomal protein L9: a bi-lobed RNA-binding protein. <i>EMBO Journal</i> , 1994, 13, 205-12.	3.5	40
133	Crystal structure of globular domain of histone H5 and its implications for nucleosome binding. <i>Nature</i> , 1993, 362, 219-223.	13.7	754
134	Homo- and heteronuclear two-dimensional NMR studies of the globular domain of histone H1: Sequential assignment and secondary structure. <i>Biochemistry</i> , 1993, 32, 11345-11351.	1.2	58
135	Ribosomal protein S17: Characterization of the three-dimensional structure by proton and nitrogen-15 NMR. <i>Biochemistry</i> , 1993, 32, 12812-12820.	1.2	73
136	Ribosomal protein L6: structural evidence of gene duplication from a primitive RNA binding protein.. <i>EMBO Journal</i> , 1993, 12, 4901-4908.	3.5	75
137	The structure of ribosomal protein S5 reveals sites of interaction with 16S rRNA. <i>Nature</i> , 1992, 358, 768-771.	13.7	171
138	Conformation of Lys-plasminogen and the kringle 1-3 fragment of plasminogen analyzed by small-angle neutron scattering. <i>Biochemistry</i> , 1991, 30, 3963-3969.	1.2	38
139	Cloning, sequencing, and overexpression of genes for ribosomal proteins from <i>Bacillus stearothermophilus</i> .. <i>Journal of Biological Chemistry</i> , 1991, 266, 880-885.	1.6	45
140	Cloning, sequencing, and overexpression of genes for ribosomal proteins from <i>Bacillus stearothermophilus</i> . <i>Journal of Biological Chemistry</i> , 1991, 266, 880-5.	1.6	35
141	Crystallization of the globular domain of histone H5. <i>Journal of Molecular Biology</i> , 1990, 212, 253-257.	2.0	20
142	Interaction of HMG14 with chromatin. <i>Journal of Molecular Biology</i> , 1990, 214, 897-910.	2.0	18
143	Instrumental resolution effects in small-angle neutron scattering. <i>Journal of Applied Crystallography</i> , 1988, 21, 438-451.	1.9	30
144	Neutron scattering from interfacially polymerized core-shell latexes. <i>Journal of Colloid and Interface Science</i> , 1988, 123, 24-35.	5.0	24

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145	Reconstitution of chromatin higher-order structure from histone H5 and depleted chromatin. <i>Journal of Molecular Biology</i> , 1988, 203, 997-1007.	2.0	40
146	[7] Neutron-scattering topography of proteins of the small ribosomal subunit. <i>Methods in Enzymology</i> , 1988, 164, 117-131.	0.4	0
147	A complete mapping of the positions of the proteins in the small ribosomal subunit of <i>Escherichia coli</i> . <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988, 15, 123-130.	0.6	7
148	A complete mapping of the proteins in the small ribosomal subunit of <i>Escherichia coli</i> . <i>Science</i> , 1987, 238, 1403-1406.	6.0	280
149	Chromatin higher-order structure studied by neutron scattering and scanning transmission electron microscopy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 7802-7806.	3.3	132
150	Hydrogen-deuterium exchange in structural biology. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986, 137, 214-220.	0.9	2
151	Scattering studies on ribosomes in solution. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986, 136, 232-235.	0.9	1
152	Distribution of protein and RNA in the 30S ribosomal subunit. <i>Science</i> , 1986, 231, 1562-1564.	6.0	51
153	A role for proteins S3 and S14 in the 30 S ribosomal subunit.. <i>Journal of Biological Chemistry</i> , 1986, 261, 15049-15052.	1.6	17
154	A role for proteins S3 and S14 in the 30 S ribosomal subunit. <i>Journal of Biological Chemistry</i> , 1986, 261, 15049-52.	1.6	12
155	A treatment of instrumental smearing effects in circularly symmetric small-angle scattering. <i>Journal of Applied Crystallography</i> , 1985, 18, 42-46.	1.9	20
156	Structure of the capsid of Kilham rat virus from small-angle neutron scattering. <i>Biochemistry</i> , 1984, 23, 6565-6569.	1.2	9
157	Positions of proteins S14, S18 and S20 in the 30 S ribosomal subunit of <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1984, 174, 265-284.	2.0	53
158	Neutron scattering studies of nucleosome structure at low ionic strength. <i>Biochemistry</i> , 1983, 22, 4916-4923.	1.2	46
159	Analysis of neutron distance data. <i>Journal of Molecular Biology</i> , 1981, 153, 719-738.	2.0	17
160	Positions of proteins S6, S11 and S15 in the 30 S ribosomal subunit of <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1981, 153, 739-760.	2.0	60
161	RHODOPSIN IN MODEL MEMBRANES: THE KINETICS OF CHANNEL OPENING AND CLOSING IN RHODOPSIN-CONTAINING PLANAR LIPID BILAYERS. <i>Annals of the New York Academy of Sciences</i> , 1980, 358, 36-42.	1.8	2
162	Green's-function theory of the ferroelectric phase transition in potassium dihydrogen phosphate (KDP). <i>Physical Review B</i> , 1977, 16, 422-426.	1.1	26

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163	Structures of Bacterial Ribosomal Proteins: High-Resolution Probes of the Architecture and Mechanism of the Ribosome. , 0, , 73-83.		1
164	Progress toward the Crystal Structure of a Bacterial 30S Ribosomal Subunit. , 0, , 1-9.		0
165	Thomas Arthur Steitz. 23 August 1940â€”9 October 2018. Biographical Memoirs of Fellows of the Royal Society, 0, , .	0.1	0