

# Peter B Moore

## 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.

41  
papers

6,448  
citations

19  
h-index

44  
g-index

44  
ext. papers

7,004  
ext. citations

14.8  
avg, IF

5.4  
L-index

#	Paper	IF	Citations
41	The protein-folding problem: Not yet solved.. <i>Science</i> , <b>2022</b> , 375, 507	33.3	6
40	Identification of Mg ions next to nucleotides in cryo-EM maps using electrostatic potential maps. <i>Acta Crystallographica Section D: Structural Biology</i> , <b>2021</b> , 77, 534-539	5.5	2
39	The PDB and the ribosome. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100561	5.4	2
38	Structures of Five Antibiotics Bound at the Peptidyl Transferase Center of the Large Ribosomal Subunit. <i>journal of hand surgery Asian-Pacific volume, The</i> , <b>2020</b> , 537-551	0.5	
37	The Structures of Four Macrolide Antibiotics Bound to the Large Ribosomal Subunit. <i>journal of hand surgery Asian-Pacific volume, The</i> , <b>2020</b> , 525-536	0.5	0
36	The Structural Basis of Ribosome Activity in Peptide Bond Synthesis. <i>journal of hand surgery Asian-Pacific volume, The</i> , <b>2020</b> , 501-511	0.5	1
35	In Which the Deity Attempts To Make a Ribose-Free Ribosome. <i>Biochemistry</i> , <b>2019</b> , 58, 431-432	3.2	
34	Perspectives on the ribosome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 372,	5.8	3
33	Structural biology: Past, present, and future. <i>New Biotechnology</i> , <b>2017</b> , 38, 29-35	6.4	2
32	Acoustic vibrations contribute to the diffuse scatter produced by ribosome crystals. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2015</b> , 71, 2021-31		11
31	A new system for naming ribosomal proteins. <i>Current Opinion in Structural Biology</i> , <b>2014</b> , 24, 165-9	8.1	365
30	The effects of thermal disorder on the solution-scattering profiles of macromolecules. <i>Biophysical Journal</i> , <b>2014</b> , 106, 1489-96	2.9	16
29	Carl Woese: a structural biologist's perspective. <i>RNA Biology</i> , <b>2014</b> , 11, 172-4	4.8	
28	Ribosomal ambiguity made less ambiguous. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 9627-8	11.5	4
27	How should we think about the ribosome?. <i>Annual Review of Biophysics</i> , <b>2012</b> , 41, 1-19	21.1	71
26	Neutrons, magnets, and photons: a career in structural biology. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 805-18	5.4	0
25	A short, informal history of the biological sciences at Yale University. <i>Yale Journal of Biology and Medicine</i> , <b>2012</b> , 85, 551-8	2.4	

24	On the relationship between diffraction patterns and motions in macromolecular crystals. <i>Structure</i> , <b>2009</b> , 17, 1307-15	5.2	24
23	The ribosome returned. <i>Journal of Biology</i> , <b>2009</b> , 8, 8		19
22	Let's call the whole thing off: some thoughts on the protein structure initiative. <i>Structure</i> , <b>2007</b> , 15, 1350-2	5.2	5
21	Structural biology. A ribosomal coup: E. coli at last!. <i>Science</i> , <b>2005</b> , 310, 793-5	33.3	11
20	After the ribosome structures: how does peptidyl transferase work?. <i>Rna</i> , <b>2003</b> , 9, 155-9	5.8	50
19	The complete atomic structure of the large ribosomal subunit at 2.4 Å resolution. <i>Science</i> , <b>2000</b> , 289, 905-20	33.3	2807
18	The structural basis of ribosome activity in peptide bond synthesis. <i>Science</i> , <b>2000</b> , 289, 920-30	33.3	1781
17	The crystal structure of yeast phenylalanine tRNA at 1.93 Å resolution: a classic structure revisited. <i>Rna</i> , <b>2000</b> , 6, 1091-105	5.8	336
16	Placement of protein and RNA structures into a 5 Å-resolution map of the 50S ribosomal subunit. <i>Nature</i> , <b>1999</b> , 400, 841-7	50.4	352
15	Phosphorylation of ribosomal protein L18 is required for its folding and binding to 5S rRNA. <i>Biochemistry</i> , <b>1999</b> , 38, 13385-90	3.2	11
14	The three-dimensional structure of the ribosome and its components. <i>Annual Review of Biophysics and Biomolecular Structure</i> , <b>1998</b> , 27, 35-58		60
13	N <sup>2</sup> -methylguanosine is iso-energetic with guanosine in RNA duplexes and GNRA tetraloops. <i>Nucleic Acids Research</i> , <b>1998</b> , 26, 3640-4	20.1	43
12	The Synthesis of RNA Containing the Modified Nucleotides N <sup>2</sup> -Methylguanosine and N <sup>6</sup> , N <sup>6</sup> -Dimethyladenosine. <i>Nucleosides &amp; Nucleotides</i> , <b>1998</b> , 17, 2281-2288		7
11	Structure and stability of variants of the sarcin-ricin loop of 28S rRNA: NMR studies of the prokaryotic SRL and a functional mutant. <i>Rna</i> , <b>1998</b> , 4, 1203-15	5.8	22
10	Use of chemically modified nucleotides to determine a 62-nucleotide RNA crystal structure: a survey of phosphorothioates, Br, Pt and Hg. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>1997</b> , 15, 165-72	3.6	27
9	Measurement of diffusion constants for nucleic acids by NMR. <i>Journal of Biomolecular NMR</i> , <b>1997</b> , 10, 255-62	3	97
8	Assignment of NH resonances in nucleic acids using natural abundance <sup>15</sup> N- <sup>1</sup> H correlation spectroscopy with spin-echo and gradient pulses. <i>FEBS Letters</i> , <b>1993</b> , 327, 261-4	3.8	42
7	Tetramerization of an RNA oligonucleotide containing a GGGG sequence. <i>Nature</i> , <b>1991</b> , 351, 331-2	50.4	141

6	The ribosome returns. <i>Nature</i> , <b>1988</b> , 331, 223-7	50.4	59
5	A proton NMR study of ribosomal protein L25 from <i>Escherichia coli</i> . <i>FEBS Journal</i> , <b>1981</b> , 116, 269-76		17
4	On the renaturation of ribosomal protein L11. <i>FEBS Journal</i> , <b>1980</b> , 110, 493-8		20
3	An investigation of the conformational properties of ribosomes using N-ethylmaleimide as a probe. <i>FEBS Journal</i> , <b>1979</b> , 93, 147-56		21
2	X-ray and neutron small-angle scattering studies of the complex between protein S1 and the 30-S ribosomal subunit. <i>FEBS Journal</i> , <b>1978</b> , 85, 529-34		6
1	Concluding Remarks for the Helsingør Ribosome Conference, 13 to 17 June 1999	553-556	1