

# Albert Weixlbaumer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2219882/publications.pdf>

Version: 2024-02-01

19  
papers

3,312  
citations

623574

14  
h-index

794469

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the 70S Ribosome Complexed with mRNA and tRNA. <i>Science</i> , 2006, 313, 1935-1942.	6.0	1,186
2	The Structure of the Ribosome with Elongation Factor G Trapped in the Posttranslocational State. <i>Science</i> , 2009, 326, 694-699.	6.0	465
3	Insights into substrate stabilization from snapshots of the peptidyl transferase center of the intact 70S ribosome. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 528-533.	3.6	335
4	Insights into Translational Termination from the Structure of RF2 Bound to the Ribosome. <i>Science</i> , 2008, 322, 953-956.	6.0	273
5	Mechanism for expanding the decoding capacity of transfer RNAs by modification of uridines. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 498-502.	3.6	168
6	Modified Uridines with C5-methylene Substituents at the First Position of the tRNA Anticodon Stabilize U•G Wobble Pairing during Decoding. <i>Journal of Biological Chemistry</i> , 2008, 283, 18801-18811.	1.6	142
7	Structural Basis for NusA Stabilized Transcriptional Pausing. <i>Molecular Cell</i> , 2018, 69, 816-827.e4.	4.5	140
8	Structural Basis of Transcriptional Pausing in Bacteria. <i>Cell</i> , 2013, 152, 431-441.	13.5	139
9	Crystal structure of the ribosome recycling factor bound to the ribosome. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 733-737.	3.6	99
10	Structural Basis of Transcription: RNA Polymerase Backtracking and Its Reactivation. <i>Molecular Cell</i> , 2019, 75, 298-309.e4.	4.5	89
11	Structural basis of transcription-translation coupling and collision in bacteria. <i>Science</i> , 2020, 369, 1355-1359.	6.0	88
12	The termination of translation. <i>Current Opinion in Structural Biology</i> , 2008, 18, 70-77.	2.6	54
13	Determination of thermodynamic parameters for HIV DIS type loop-loop kissing complexes. <i>Nucleic Acids Research</i> , 2004, 32, 5126-5133.	6.5	50
14	Ribosome engineering to promote new crystal forms. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 578-583.	2.5	26
15	Transcription factors modulate RNA polymerase conformational equilibrium. <i>Nature Communications</i> , 2022, 13, 1546.	5.8	20
16	Coupling of Transcription and Translation in Archaea: Cues From the Bacterial World. <i>Frontiers in Microbiology</i> , 2021, 12, 661827.	1.5	15
17	Macromolecular assemblies supporting transcription-translation coupling. <i>Transcription</i> , 2021, 12, 103-125.	1.7	12
18	The intricate relationship between transcription and translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	4

#	ARTICLE	IF	CITATIONS
19	Seeing gene expression in cells: the future of structural biology. Faculty Reviews, 2021, 10, 79.	1.7	1