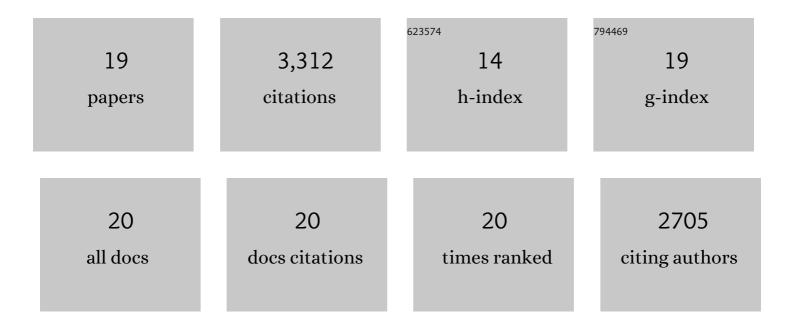
Albert Weixlbaumer

List of Publications by Year in descending order

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