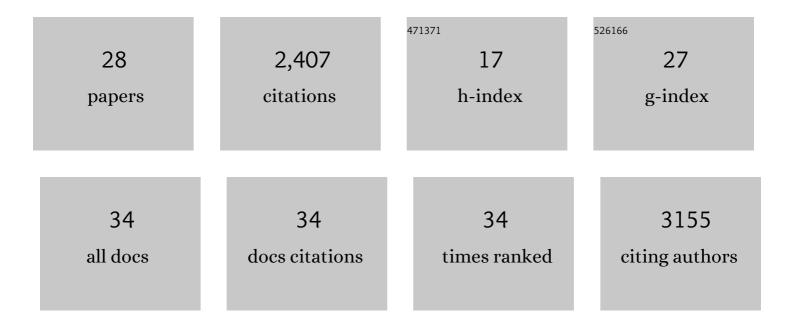
## Chen Davidovich

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2914930/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	RNA Duplex Map in Living Cells Reveals Higher-Order Transcriptome Structure. Cell, 2016, 165, 1267-1279.	13.5	520
2	Promiscuous RNA binding by Polycomb repressive complex 2. Nature Structural and Molecular Biology, 2013, 20, 1250-1257.	3.6	404
3	The recruitment of chromatin modifiers by long noncoding RNAs: lessons from PRC2. Rna, 2015, 21, 2007-2022.	1.6	248
4	Toward a Consensus on the Binding Specificity and Promiscuity of PRC2 for RNA. Molecular Cell, 2015, 57, 552-558.	4.5	190
5	Targeting of Polycomb Repressive Complex 2 to RNA by Short Repeats of Consecutive Guanines. Molecular Cell, 2017, 65, 1056-1067.e5.	4.5	185
6	Induced-fit tightens pleuromutilins binding to ribosomes and remote interactions enable their selectivity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4291-4296.	3.3	181
7	RNA exploits an exposed regulatory site to inhibit the enzymatic activity of PRC2. Nature Structural and Molecular Biology, 2019, 26, 237-247.	3.6	88
8	The evolving ribosome: from non-coded peptide bond formation to sophisticated translation machinery. Research in Microbiology, 2009, 160, 487-492.	1.0	71
9	The structure of ribosome-lankacidin complex reveals ribosomal sites for synergistic antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1983-1988.	3.3	63
10	Ancient machinery embedded in the contemporary ribosome. Biochemical Society Transactions, 2010, 38, 422-427.	1.6	55
11	Structural basis for cross-resistance to ribosomal PTC antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20665-20670.	3.3	54
12	A dimeric state for PRC2. Nucleic Acids Research, 2014, 42, 9236-9248.	6.5	43
13	The Protoâ€Ribosome: An Ancient Nanoâ€machine for Peptide Bond Formation. Israel Journal of Chemistry, 2010, 50, 29-35.	1.0	38
14	Origin of life: protoribosome forms peptide bonds and links RNA and protein dominated worlds. Nucleic Acids Research, 2022, 50, 1815-1828.	6.5	38
15	Structural basis of specific H2A K13/K15 ubiquitination by RNF168. Nature Communications, 2019, 10, 1751.	5.8	37
16	Ribosome's mode of function: myths, facts and recent results. Journal of Peptide Science, 2009, 15, 122-130.	0.8	34
17	The Heat Shock Protein YbeY Is Required for Optimal Activity of the 30S Ribosomal Subunit. Journal of Bacteriology, 2010, 192, 4592-4596.	1.0	30
18	Identification of the prebiotic translation apparatus within the contemporary ribosome. Nature Precedings, 0, , .	0.1	19

CHEN DAVIDOVICH

#	Article	IF	CITATIONS
19	PALI1 facilitates DNA and nucleosome binding by PRC2 and triggers an allosteric activation of catalysis. Nature Communications, 2021, 12, 4592.	5.8	18
20	Structural basis of rotavirus RNA chaperone displacement and RNA annealing. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	18
21	The Ribosomal Protein uL22 Modulates the Shape of the Protein Exit Tunnel. Structure, 2017, 25, 1233-1241.e3.	1.6	17
22	Not just a writer: PRC2 as a chromatin reader. Biochemical Society Transactions, 2021, 49, 1159-1170.	1.6	17
23	DNA binding by polycomb-group proteins: searching for the link to CpG islands. Nucleic Acids Research, 2022, 50, 4813-4839.	6.5	15
24	Ribosomal Antibiotics: Contemporary Challenges. Antibiotics, 2016, 5, 24.	1.5	8
25	Allosteric regulation of histone lysine methyltransferases: from context-specific regulation to selective drugs. Biochemical Society Transactions, 2021, 49, 591-607.	1.6	4
26	Targeting PRC2: RNA offers new opportunities. Oncotarget, 2017, 8, 107346-107347.	0.8	3
27	An added layer of repression for human genes. Nature, 2022, 604, 41-42.	13.7	1
28	crisscrosslinkeR: identification and visualization of protein–RNA and protein–protein interactions from crosslinking mass spectrometry. Bioinformatics, 2021, 36, 5530-5532.	1.8	0