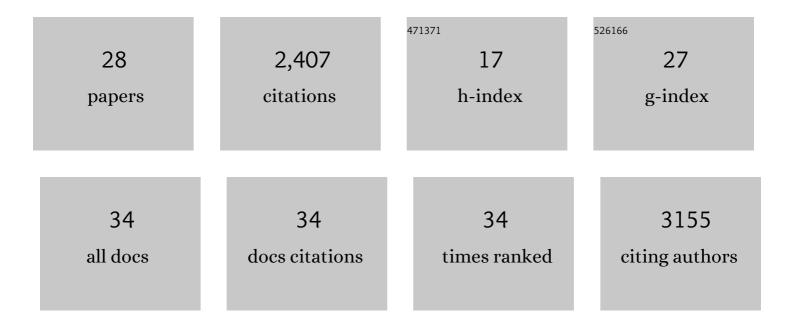
Chen Davidovich

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	Origin of life: protoribosome forms peptide bonds and links RNA and protein dominated worlds. Nucleic Acids Research, 2022, 50, 1815-1828.	6.5	38
2	An added layer of repression for human genes. Nature, 2022, 604, 41-42.	13.7	1
3	DNA binding by polycomb-group proteins: searching for the link to CpG islands. Nucleic Acids Research, 2022, 50, 4813-4839.	6.5	15
4	crisscrosslinkeR: identification and visualization of protein–RNA and protein–protein interactions from crosslinking mass spectrometry. Bioinformatics, 2021, 36, 5530-5532.	1.8	0
5	Allosteric regulation of histone lysine methyltransferases: from context-specific regulation to selective drugs. Biochemical Society Transactions, 2021, 49, 591-607.	1.6	4
6	Not just a writer: PRC2 as a chromatin reader. Biochemical Society Transactions, 2021, 49, 1159-1170.	1.6	17
7	PALI1 facilitates DNA and nucleosome binding by PRC2 and triggers an allosteric activation of catalysis. Nature Communications, 2021, 12, 4592.	5.8	18
8	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
9	Structural basis of specific H2A K13/K15 ubiquitination by RNF168. Nature Communications, 2019, 10, 1751.	5.8	37
10	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
11	Targeting of Polycomb Repressive Complex 2 to RNA by Short Repeats of Consecutive Guanines. Molecular Cell, 2017, 65, 1056-1067.e5.	4.5	185
12	The Ribosomal Protein uL22 Modulates the Shape of the Protein Exit Tunnel. Structure, 2017, 25, 1233-1241.e3.	1.6	17
13	Targeting PRC2: RNA offers new opportunities. Oncotarget, 2017, 8, 107346-107347.	0.8	3
14	Ribosomal Antibiotics: Contemporary Challenges. Antibiotics, 2016, 5, 24.	1.5	8
15	RNA Duplex Map in Living Cells Reveals Higher-Order Transcriptome Structure. Cell, 2016, 165, 1267-1279.	13.5	520
16	The recruitment of chromatin modifiers by long noncoding RNAs: lessons from PRC2. Rna, 2015, 21, 2007-2022.	1.6	248
17	Toward a Consensus on the Binding Specificity and Promiscuity of PRC2 for RNA. Molecular Cell, 2015, 57, 552-558.	4.5	190
18	A dimeric state for PRC2. Nucleic Acids Research, 2014, 42, 9236-9248.	6.5	43

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#	Article	IF	CITATIONS
19	Promiscuous RNA binding by Polycomb repressive complex 2. Nature Structural and Molecular Biology, 2013, 20, 1250-1257.	3.6	404
20	Ancient machinery embedded in the contemporary ribosome. Biochemical Society Transactions, 2010, 38, 422-427.	1.6	55
21	The Protoâ€Ribosome: An Ancient Nanoâ€machine for Peptide Bond Formation. Israel Journal of Chemistry, 2010, 50, 29-35.	1.0	38
22	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
23	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
24	Ribosome's mode of function: myths, facts and recent results. Journal of Peptide Science, 2009, 15, 122-130.	0.8	34
25	The evolving ribosome: from non-coded peptide bond formation to sophisticated translation machinery. Research in Microbiology, 2009, 160, 487-492.	1.0	71
26	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
27	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
28	Identification of the prebiotic translation apparatus within the contemporary ribosome. Nature Precedings, 0, , .	0.1	19