Arjun Prabhakar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5071561/publications.pdf

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11	589	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	845
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	N6-methyladenosine in mRNA disrupts tRNA selection and translation-elongation dynamics. Nature Structural and Molecular Biology, 2016, 23, 110-115.	8.2	202
2	2â€²-O-methylation in mRNA disrupts tRNA decoding during translation elongation. Nature Structural and Molecular Biology, 2018, 25, 208-216.	8.2	92
3	How Messenger RNA and Nascent Chain Sequences Regulate Translation Elongation. Annual Review of Biochemistry, 2018, 87, 421-449.	11.1	62
4	eIF5B gates the transition from translation initiation to elongation. Nature, 2019, 573, 605-608.	27.8	60
5	Post-termination Ribosome Intermediate Acts as the Gateway to Ribosome Recycling. Cell Reports, 2017, 20, 161-172.	6.4	39
6	Mechanisms that ensure speed and fidelity in eukaryotic translation termination. Science, 2021, 373, 876-882.	12.6	33
7	Dynamic basis of fidelity and speed in translation: Coordinated multistep mechanisms of elongation and termination. Protein Science, 2017, 26, 1352-1362.	7.6	30
8	Single-Molecule Fluorescence Applied to Translation. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032714.	5.5	26
9	Relating Structure and Dynamics in RNA Biology. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032474.	5.5	21
10	The molecular choreography of protein synthesis: translational control, regulation, and pathways. Quarterly Reviews of Biophysics, 2016, 49, e11.	5.7	14
11	N 6-Methyladenosines in mRNAs reduce the accuracy of codon reading by transfer RNAs and peptide release factors. Nucleic Acids Research, 2021, 49, 2684-2699.	14.5	10