

# Zhong Han

## List of Publications by Year in descending order

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11  
papers

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1307594

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docs citations

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443  
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#	ARTICLE	IF	CITATIONS
1	Elongation Factor TFIIS Prevents Transcription Stress and R-Loop Accumulation to Maintain Genome Stability. <i>Molecular Cell</i> , 2019, 76, 57-69.e9.	9.7	79
2	Biochemical characterization of the helicase Sen1 provides new insights into the mechanisms of non-coding transcription termination. <i>Nucleic Acids Research</i> , 2017, 45, 1355-1370.	14.5	52
3	Translation stress and collided ribosomes are co-activators of cGAS. <i>Molecular Cell</i> , 2021, 81, 2808-2822.e10.	9.7	52
4	Sen1 has unique structural features grafted on the architecture of the Upf1-like helicase family. <i>EMBO Journal</i> , 2017, 36, 1590-1604.	7.8	45
5	Heat shock induces premature transcript termination and reconfigures the human transcriptome. <i>Molecular Cell</i> , 2022, 82, 1573-1588.e10.	9.7	27
6	Termination of non-coding transcription in yeast relies on both an RNA Pol II CTD interaction domain and a CTD-mimicking region in Sen1. <i>EMBO Journal</i> , 2020, 39, e101548.	7.8	23
7	RecJ-like protein from <i>Pyrococcus furiosus</i> has 3'→5' exonuclease activity on RNA: implications for proofreading of 3'-mismatched RNA primers in DNA replication. <i>Nucleic Acids Research</i> , 2013, 41, 5817-5826.	14.5	20
8	Expression, purification and biochemical characterization of <i>Methanocaldococcus jannaschii</i> DNA ligase. <i>Protein Expression and Purification</i> , 2013, 87, 79-86.	1.3	7
9	Recombinant expression library of <i>Pyrococcus furiosus</i> constructed by high-throughput cloning: a useful tool for functional and structural genomics. <i>Frontiers in Microbiology</i> , 2015, 6, 943.	3.5	4
10	Helicases as transcription termination factors: Different solutions for a common problem. <i>Transcription</i> , 2018, 9, 152-158.	3.1	4
11	<i>Chlamydomonas reinhardtii</i> endonuclease IV prefers to remove mismatched 3' terminal nucleotides: Implication in proofreading mismatched 3'-terminal nucleotides in short-patch repair synthesis. <i>DNA Repair</i> , 2013, 12, 140-147.	2.8	3