

Yuanchao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

521
citations

1307594

7
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Promoter-sequence determinants and structural basis of primer-dependent transcription initiation in <i>Escherichia coli</i> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	4
2	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. Cell, 2020, 183, 1185-1201.e20.	28.9	161
3	XACT-Seq Comprehensively Defines the Promoter-Position and Promoter-Sequence Determinants for Initial-Transcription Pausing. Molecular Cell, 2020, 79, 797-811.e8.	9.7	20
4	Scedar: A scalable Python package for single-cell RNA-seq exploratory data analysis. PLoS Computational Biology, 2020, 16, e1007794.	3.2	9
5	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. Developmental Cell, 2019, 49, 10-29.	7.0	57
6	CapZyme-Seq Comprehensively Defines Promoter-Sequence Determinants for RNA 5' Capping with NAD ⁺ . Molecular Cell, 2018, 70, 553-564.e9.	9.7	64
7	Interactions between RNA polymerase and the core recognition element are a determinant of transcription start site selection. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2899-905.	7.1	36
8	Multiplexed protein-DNA cross-linking: Scrunching in transcription start site selection. Science, 2016, 351, 1090-1093.	12.6	62
9	Massively Systematic Transcript End Readout, "MASTER" Transcription Start Site Selection, Transcriptional Slippage, and Transcript Yields. Molecular Cell, 2015, 60, 953-965.	9.7	72