Yuanchao Zhang

List of Publications by Year
in descending order

9	521	1307594	1474206
papers	citations	7	9
		h-index	g-index

12	12	12	886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. Cell, 2020, 183, 1185-1201.e20.	28.9	161
2	Massively Systematic Transcript End Readout, â€œMASTERâ€ Transcription Start Site Selection, Transcriptional Slippage, and Transcript Yields. Molecular Cell, 2015, 60, 953-965.	9.7	72
3	CapZyme-Seq Comprehensively Defines Promoter-Sequence Determinants for RNA 5â€² Capping with NAD+. Molecular Cell, 2018, 70, 553-564.e9.	9.7	64
4	Multiplexed protein-DNA cross-linking: Scrunching in transcription start site selection. Science, 2016, 351, 1090-1093.	12.6	62
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	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
7	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
8	Scedar: A scalable Python package for single-cell RNA-seq exploratory data analysis. PLoS Computational Biology, 2020, 16, e1007794.	3.2	9
9	Promoter-sequence determinants and structural basis of primer-dependent transcription initiation in *Escherichia coli*. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	4