

Chenxu Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9200114/publications.pdf>

Version: 2024-02-01

17
papers

1,232
citations

759055

12
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

1815
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell multimodal omics: the power of many. <i>Nature Methods</i> , 2020, 17, 11-14.	9.0	277
2	An ultra high-throughput method for single-cell joint analysis of open chromatin and transcriptome. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 1063-1070.	3.6	239
3	Joint profiling of histone modifications and transcriptome in single cells from mouse brain. <i>Nature Methods</i> , 2021, 18, 283-292.	9.0	171
4	Single-Cell 5-Formylcytosine Landscapes of Mammalian Early Embryos and ESCs at Single-Base Resolution. <i>Cell Stem Cell</i> , 2017, 20, 720-731.e5.	5.2	135
5	Bisulfite-Free, Nanoscale Analysis of 5-Hydroxymethylcytosine at Single Base Resolution. <i>Journal of the American Chemical Society</i> , 2018, 140, 13190-13194.	6.6	71
6	Differential roles of human PUS10 in miRNA processing and tRNA pseudouridylation. <i>Nature Chemical Biology</i> , 2020, 16, 160-169.	3.9	68
7	Switching Demethylation Activities between AlkB Family RNA/DNA Demethylases through Exchange of Active-Site Residues. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3659-3662.	7.2	53
8	Tautomerization-dependent recognition and excision of oxidation damage in base-excision DNA repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7792-7797.	3.3	50
9	Genome-wide mapping reveals that deoxyuridine is enriched in the human centromeric DNA. <i>Nature Chemical Biology</i> , 2018, 14, 680-687.	3.9	45
10	Transposase-assisted tagmentation of RNA/DNA hybrid duplexes. <i>ELife</i> , 2020, 9, .	2.8	40
11	Deciphering TAL effectors for 5-methylcytosine and 5-hydroxymethylcytosine recognition. <i>Nature Communications</i> , 2017, 8, 901.	5.8	26
12	Biochemical and Structural Insights into the Mechanism of DNA Recognition by Arabidopsis ETHYLENE INSENSITIVE3. <i>PLoS ONE</i> , 2015, 10, e0137439.	1.1	24
13	Oxidative Demethylation of DNA and RNA Mediated by Non-Heme Iron-Dependent Dioxygenases. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2018-2029.	1.7	8
14	Unnatural Cytosine Bases Recognized as Thymines by DNA Polymerases by the Formation of the Watson-Crick Geometry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 130-133.	7.2	8
15	DNA repair glycosylase hNEIL1 triages damaged bases via competing interaction modes. <i>Nature Communications</i> , 2021, 12, 4108.	5.8	8
16	Single-Cell 5fC Sequencing. <i>Methods in Molecular Biology</i> , 2019, 1979, 251-267.	0.4	2
17	Unnatural Cytosine Bases Recognized as Thymines by DNA Polymerases by the Formation of the Watson-Crick Geometry. <i>Angewandte Chemie</i> , 2019, 131, 136-139.	1.6	1