

Yifan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,084
citations

516710

16
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	RNAi-dependent H3K27 methylation is required for heterochromatin formation and DNA elimination in <i>Tetrahymena</i> . <i>Genes and Development</i> , 2007, 21, 1530-1545.	5.9	224
2	Microarray Analyses of Gene Expression during the <i>Tetrahymena thermophila</i> Life Cycle. <i>PLoS ONE</i> , 2009, 4, e4429.	2.5	163
3	Histone H3 lysine 9 methylation is required for DNA elimination in developing macronuclei in <i>Tetrahymena</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1679-1684.	7.1	149
4	N6-adenine DNA methylation is associated with the linker DNA of H2A.Z-containing well-positioned nucleosomes in Pol II-transcribed genes in <i>Tetrahymena</i> . <i>Nucleic Acids Research</i> , 2017, 45, 11594-11606.	14.5	95
5	Impaired replication elongation in <i>Tetrahymena</i> mutants deficient in histone H3 Lys 27 monomethylation. <i>Genes and Development</i> , 2013, 27, 1662-1679.	5.9	64
6	Methylation of histone H3K23 blocks DNA damage in pericentric heterochromatin during meiosis. <i>ELife</i> , 2014, 3, e02996.	6.0	51
7	A germline-limited piggyBac transposase gene is required for precise excision in <i>Tetrahymena</i> genome rearrangement. <i>Nucleic Acids Research</i> , 2017, 45, 9481-9502.	14.5	43
8	RNAi-dependent Polycomb repression controls transposable elements in <i>Tetrahymena</i> . <i>Genes and Development</i> , 2019, 33, 348-364.	5.9	42
9	A distinct class of eukaryotic MT-A70 methyltransferases maintain symmetric DNA N6-adenine methylation at the ApT dinucleotides as an epigenetic mark associated with transcription. <i>Nucleic Acids Research</i> , 2019, 47, 11771-11789.	14.5	34
10	Hidden genomic evolution in a morphospecies—The landscape of rapidly evolving genes in <i>Tetrahymena</i> . <i>PLoS Biology</i> , 2019, 17, e3000294.	5.6	31
11	Elimination of Foreign DNA during Somatic Differentiation in <i>Tetrahymena thermophila</i> Shows Position Effect and Is Dosage Dependent. <i>Eukaryotic Cell</i> , 2005, 4, 421-431.	3.4	30
12	Histone methyltransferase TXR1 is required for both H3 and H3.3 lysine 27 methylation in the well-known ciliated protist <i>Tetrahymena thermophila</i> . <i>Science China Life Sciences</i> , 2017, 60, 264-270.	4.9	30
13	Enzymatic and chemical mapping of nucleosome distribution in purified micro- and macronuclei of the ciliated model organism, <i>Tetrahymena thermophila</i> . <i>Science China Life Sciences</i> , 2016, 59, 909-919.	4.9	27
14	A Polycomb repressive complex is required for RNAi-mediated heterochromatin formation and dynamic distribution of nuclear bodies. <i>Nucleic Acids Research</i> , 2021, 49, 5407-5425.	14.5	27
15	Dissecting relative contributions of cis- and trans-determinants to nucleosome distribution by comparing <i>Tetrahymena</i> macronuclear and micronuclear chromatin. <i>Nucleic Acids Research</i> , 2016, 44, gkw684.	14.5	25
16	Functional analysis of the methyltransferase SMYD in the single-cell model organism <i>Tetrahymena thermophila</i> . <i>Marine Life Science and Technology</i> , 2020, 2, 109-122.	4.6	22
17	Negative Regulators of an RNAi-Heterochromatin Positive Feedback Loop Safeguard Somatic Genome Integrity in <i>Tetrahymena</i> . <i>Cell Reports</i> , 2017, 18, 2494-2507.	6.4	12
18	Intercepting noncoding messages between germline and soma. <i>Genes and Development</i> , 2012, 26, 1774-1779.	5.9	11

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19	Transcription Regulation: Tales of a Divergent Mediator. <i>Current Biology</i> , 2019, 29, R685-R688.	3.9	3
20	Identification and utilization of a mutated 60S ribosomal subunit coding gene as an effective and cost-efficient selection marker for <i>Tetrahymena</i> genetic manipulation. <i>International Journal of Biological Macromolecules</i> , 2022, 204, 1-8.	7.5	1
21	Re-SET for Transcription. <i>Molecular Cell</i> , 2018, 70, 985-986.	9.7	0