

Miao Tian

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Transcriptome Analysis of the Model Protozoan, <i>Tetrahymena thermophila</i> , Using Deep RNA Sequencing. <i>PLoS ONE</i> , 2012, 7, e30630.	2.5	111
2	<i>Tetrahymena</i> Functional Genomics Database (TetraFGD): an integrated resource for <i>Tetrahymena</i> functional genomics. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat008.	3.0	51
3	Genome of the facultative scuticociliatosis pathogen <i>Pseudocohnilembus persalinus</i> provides insight into its virulence through horizontal gene transfer. <i>Scientific Reports</i> , 2015, 5, 15470.	3.3	46
4	Phylogenomic analyses reveal subclass Scuticociliatia as the sister group of subclass Hymenostomatia within class Oligohymenophorea. <i>Molecular Phylogenetics and Evolution</i> , 2015, 90, 104-111.	2.7	37
5	A DP-like transcription factor protein interacts with E2f1 to regulate meiosis in <i>Tetrahymena thermophila</i> . <i>Cell Cycle</i> , 2018, 17, 634-642.	2.6	31
6	Nonsense-mediated mRNA decay in <i>Tetrahymena</i> is EJC independent and requires a protozoa-specific nuclease. <i>Nucleic Acids Research</i> , 2017, 45, 6848-6863.	14.5	22
7	Phosphoproteomic Analysis of Protein Phosphorylation Networks in <i>Tetrahymena thermophila</i> , a Model Single-celled Organism. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 503-519.	3.8	21
8	Cyc17, a meiosis-specific cyclin, is essential for anaphase initiation and chromosome segregation in <i>Tetrahymena thermophila</i> . <i>Cell Cycle</i> , 2016, 15, 1855-1864.	2.6	17
9	Cdk3, a conjugation-specific cyclin-dependent kinase, is essential for the initiation of meiosis in <i>Tetrahymena thermophila</i> . <i>Cell Cycle</i> , 2016, 15, 2506-2514.	2.6	17
10	A chromatin-associated protein required for inducing and limiting meiotic DNA double-strand break formation. <i>Nucleic Acids Research</i> , 2018, 46, 11822-11834.	14.5	17
11	Spatial constraints on chromosomes are instrumental to meiotic pairing. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	12
12	E2f1 is a meiosis-specific transcription factor in the protist <i>Tetrahymena thermophila</i> . <i>Cell Cycle</i> , 2017, 16, 123-135.	2.6	9
13	Non-coding RNA Transcription in <i>Tetrahymena</i> Meiotic Nuclei Requires Dedicated Mediator Complex-Associated Proteins. <i>Current Biology</i> , 2019, 29, 2359-2370.e5.	3.9	9
14	A specialized condensin complex participates in somatic nuclear maturation in <i>Tetrahymena thermophila</i> . <i>Molecular Biology of the Cell</i> , 2019, 30, 1326-1338.	2.1	8
15	An MCM family protein promotes interhomolog recombination by preventing precocious intersister repair of meiotic DSBs. <i>PLoS Genetics</i> , 2019, 15, e1008514.	3.5	6
16	Arrested crossover precursor structures form stable homologous bonds in a <i>Tetrahymena</i> meiotic mutant. <i>PLoS ONE</i> , 2022, 17, e0263691.	2.5	2
17	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
18	Zfp1, a Cys2His2 zinc finger protein is required for meiosis initiation in <i>Tetrahymena thermophila</i> . <i>Cell Cycle</i> , 2022, , 1-12.	2.6	1