

Douglas Chalker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2531228/publications.pdf>

Version: 2024-02-01

17
papers

349
citations

1163117

8
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Elimination in Ciliates: Transposon Domestication and Genome Surveillance. Annual Review of Genetics, 2011, 45, 227-246.	7.6	125
2	Communication Between Parental and Developing Genomes During Tetrahymena Nuclear Differentiation Is Likely Mediated by Homologous RNAs. Genetics, 2005, 169, 149-160.	2.9	54
3	LIA5 Is Required for Nuclear Reorganization and Programmed DNA Rearrangements Occurring during Tetrahymena Macronuclear Differentiation. PLoS ONE, 2013, 8, e75337.	2.5	32
4	A Proteomics Approach to Cloning <i>Fenestrin</i> from the Nuclear Exchange Junction of <i>Tetrahymena</i> . Journal of Eukaryotic Microbiology, 2008, 55, 245-256.	1.7	28
5	A Parallel G Quadruplex-Binding Protein Regulates the Boundaries of DNA Elimination Events of <i>Tetrahymena thermophila</i> . PLoS Genetics, 2016, 12, e1005842.	3.5	25
6	<i>Plasmodium falciparum</i> translational machinery condones polyadenosine repeats. ELife, 2020, 9, .	6.0	22
7	The germ line limited M element of <i>Tetrahymena</i> is targeted for elimination from the somatic genome by a homology-dependent mechanism. Nucleic Acids Research, 2006, 34, 5778-5789.	14.5	18
8	LIA4 Encodes a Chromoshadow Domain Protein Required for Genomewide DNA Rearrangements in <i>Tetrahymena thermophila</i> . Eukaryotic Cell, 2014, 13, 1300-1311.	3.4	10
9	Setting boundaries for genome-wide heterochromatic DNA deletions through flanking inverted repeats in <i>Tetrahymena thermophila</i> . Nucleic Acids Research, 2019, 47, 5181-5192.	14.5	8
10	Morphogenesis: A Mob Rules from the Rear. Current Biology, 2014, 24, R700-R702.	3.9	6
11	SUMOylation Is Developmentally Regulated and Required for Cell Pairing during Conjugation in <i>Tetrahymena thermophila</i> . Eukaryotic Cell, 2015, 14, 170-181.	3.4	6
12	Genome Rearrangements: Mother Knows Best!. Current Biology, 2005, 15, R827-R829.	3.9	5
13	<i>DRH1</i> , a p68-related RNA helicase gene, is required for chromosome breakage in <i>Tetrahymena</i> . Biology Open, 2016, 5, 1790-1798.	1.2	3
14	Transgenerational Inheritance: Parental Guidance Suggested. Current Biology, 2018, 28, R702-R704.	3.9	2
15	Boundaries of eliminated heterochromatin of <i>Tetrahymena</i> are positioned by the DNA-binding protein Ltl1. Nucleic Acids Research, 2019, 47, 7348-7362.	14.5	2
16	Ciliate Biology: Dynamin Goes Nuclear. Current Biology, 2008, 18, R923-R925.	3.9	0
17	One genome's junk is another's garbage. ELife, 2016, 5, .	6.0	0