Sandra Duharcourt

List of Publications by Year
in descending order

43 papers	2,801 citations	257450 24 h-index	315739 38 g-index
48 all docs	48 docs citations	48 times ranked	1894 citing authors

#	Article	IF	Citations
1	Global trends of whole-genome duplications revealed by the ciliate Paramecium tetraurelia. Nature, 2006, 444, 171-178.	27.8	744
2	The Paramecium Germline Genome Provides a Niche for Intragenic Parasitic DNA: Evolutionary Dynamics of Internal Eliminated Sequences. PLoS Genetics, 2012, 8, e1002984.	3.5	154
3	Epigenetic self-regulation of developmental excision of an internal eliminated sequence on Paramecium tetraurelia.. Genes and Development, 1995, 9, 2065-2077.	5.9	145
4	RNA-Mediated Programming of Developmental Genome Rearrangements in Paramecium tetraurelia. Molecular and Cellular Biology, 2004, 24, 7370-7379.	2.3	131
5	Silencing-associated and meiosis-specific small RNA pathways in Paramecium tetraurelia. Nucleic Acids Research, 2009, 37, 903-915.	14.5	120
6	Homology-Dependent Maternal Inhibition of Developmental Excision of Internal Eliminated Sequences inParamecium tetraurelia. Molecular and Cellular Biology, 1998, 18, 7075-7085.	2.3	116
7	Maternal noncoding transcripts antagonize the targeting of DNA elimination by scanRNAs in Paramecium tetraurelia. Genes and Development, 2008, 22, 1501-1512.	5.9	115
8	Genome-defence small RNAs exapted for epigenetic mating-type inheritance. Nature, 2014, 509, 447-452.	27.8	105
9	Developmental genome rearrangements in ciliates: a natural genomic subtraction mediated by non-coding transcripts. Trends in Genetics, 2009, 25, 344-350.	6.7	77
10	The Polycomb protein Ezl1 mediates H3K9 and H3K27 methylation to repress transposable elements in Paramecium. Nature Communications, 2019, 10, 2710.	12.8	69
11	Local Effect of Enhancer of Zeste-Like Reveals Cooperation of Epigenetic and cis-Acting Determinants for Zygotic Genome Rearrangements. PLoS Genetics, 2014, 10, e1004665.	3.5	66
12	Programmed Rearrangement in Ciliates: Paramecium. Microbiology Spectrum, 2014, 2, .	3.0	62
13	Timing of Developmentally Programmed Excision and Circularization of Paramecium Internal Eliminated Sequences. Molecular and Cellular Biology, 2000, 20, 1553-1561.	2.3	59
14	Epigenetic Programming of Developmental Genome Rearrangements in Ciliates. Cell, 1996, 87, 9-12.	28.9	58
15	RNAâ€guided DNA rearrangements in ciliates: Is the best genome defence a good offence?. Biology of the Cell, 2012, 104, 309-325.	2.0	57
16	Improved methods and resources for paramecium genomics: transcription units, gene annotation and gene expression. BMC Genomics, 2017, 18, 483.	2.8	54
17	Flow cytometry sorting of nuclei enables the first global characterization of Paramecium germline DNA and transposable elements. BMC Genomics, 2017, 18, 327.	2.8	53
18	Role of Polycomb in the control of transposable elements. Trends in Genetics, 2021, 37, 882-889.	6.7	45

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19	Paramecium tetraurelia: The Renaissance of an Early Unicellular Model. Cold Spring Harbor Protocols, 2010, 2010, pdb.emo140.	0.3	43
20	Sequence-Specific Epigenetic Effects of the Maternal Somatic Genome on Developmental Rearrangements of the Zygotic Genome inParamecium primaurelia. Molecular and Cellular Biology, 1997, 17, 3589-3599.	2.3	41
21	Mass Culture of Paramecium tetraurelia: Figure 1.. Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5362.	0.3	39
22	Role of Histone Deacetylation in Developmentally Programmed DNA Rearrangements in Tetrahymena thermophila. Eukaryotic Cell, 2002, 1, 293-303.	3.4	35
23	TFIIS-Dependent Non-coding Transcription Regulates Developmental Genome Rearrangements. PLoS Genetics, 2015, 11, e1005383.	3.5	32
24	Developmentally programmed DNA splicing in Paramecium reveals short-distance crosstalk between DNA cleavage sites. Nucleic Acids Research, 2008, 36, 3244-3251.	14.5	31
25	Maintaining Clonal Paramecium tetraurelia Cell Lines of Controlled Age through Daily Reisolation. Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5361.	0.3	30
26	Massive colonization of protein-coding exons by selfish genetic elements in Paramecium germline genomes. PLoS Biology, 2021, 19, e3001309.	5.6	30
27	Epigenetic Regulation of Programmed Genomic Rearrangements in Paramecium aurelia. Journal of Eukaryotic Microbiology, 1996, 43, 453-461.	1.7	27
28	Silencing Specific Paramecium tetraurelia Genes by Feeding Double-Stranded RNA. Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5363.	0.3	27
29	Paramecium Polycomb repressive complex 2 physically interacts with the small RNA-binding PIWI protein to repress transposable elements. Developmental Cell, 2022, 57, 1037-1052.e8.	7.0	27
30	Promoter-specific regulation of gene expression by an exogenously added homeodomain that promotes neurite growth. FEBS Letters, 1995, 368, 311-314.	2.8	25
31	A universal method for the rapid isolation of all known classes of functional silencing small RNAs. Nucleic Acids Research, 2020, 48, e79-e79.	14.5	22
32	DNA Microinjection into the Macronucleus of Paramecium. Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5364.	0.3	21
33	DNA deletion as a mechanism for developmentally programmed centromere loss. Nucleic Acids Research, 2016, 44, 1553-1565.	14.5	15
34	The Paramecium histone chaperone Spt16-1 is required for Pgm endonuclease function in programmed genome rearrangements. PLoS Genetics, 2020, 16, e1008949.	3.5	14
35	Immunocytochemistry of Paramecium Cytoskeletal Structures. Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5365.	0.3	13
36	DNAModAnnot: a R toolbox for DNA modification filtering and annotation. Bioinformatics, 2021, 37, 2738-2740.	4.1	7

#	Article	IF	Citations
37	GC content, but not nucleosome positioning, directly contributes to intron splicing efficiency in Paramecium. Genome Research, 2022, 32, 699-709.	5.5	6
38	The Challenges of Genome-Wide Studies in a Unicellular Eukaryote With Two Nuclear Genomes. Methods in Enzymology, 2018, 612, 101-126.	1.0	3
39	Programmed Rearrangement in Ciliates: Paramecium. , 0, , 369-388.		2
40	Title is missing!. , 2020, 16, e1008949.		0
41	Title is missing!. , 2020, 16, e1008949.		0
42	Title is missing!. , 2020, 16, e1008949.		0
43	Title is missing!. , 2020, 16, e1008949.		0