

Robert S Coyne

List of Publications by Year in descending order

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13
papers

1,417
citations

759233

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h-index

1125743

13
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docs citations

15
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Macronuclear Genome Sequence of the Ciliate <i>Tetrahymena thermophila</i> , a Model Eukaryote. <i>PLoS Biology</i> , 2006, 4, e286.	5.6	657
2	GENOME DOWNSIZING DURING CILIATE DEVELOPMENT:Nuclear Division of Labor through Chromosome Restructuring. <i>Annual Review of Genetics</i> , 1996, 30, 557-578.	7.6	138
3	Structure of the germline genome of <i>Tetrahymena thermophila</i> and relationship to the massively rearranged somatic genome. <i>ELife</i> , 2016, 5, .	6.0	130
4	Comparative genomics of the pathogenic ciliate <i>Ichthyophthirius multifiliis</i> , its free-living relatives and a host species provide insights into adoption of a parasitic lifestyle and prospects for disease control. <i>Genome Biology</i> , 2011, 12, R100.	9.6	102
5	Refined annotation and assembly of the <i>Tetrahymena thermophila</i> genome sequence through EST analysis, comparative genomic hybridization, and targeted gap closure. <i>BMC Genomics</i> , 2008, 9, 562.	2.8	84
6	Genome-Scale Analysis of Programmed DNA Elimination Sites in <i>Tetrahymena thermophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2011, 1, 515-522.	1.8	68
7	RNA-guided DNA rearrangements in ciliates: Is the best genome defence a good offence?. <i>Biology of the Cell</i> , 2012, 104, 309-325.	2.0	57
8	Methylation of histone H3K23 blocks DNA damage in pericentric heterochromatin during meiosis. <i>ELife</i> , 2014, 3, e02996.	6.0	51
9	RNAi-dependent <i>Polycomb</i> repression controls transposable elements in <i>Tetrahymena</i> . <i>Genes and Development</i> , 2019, 33, 348-364.	5.9	42
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	Whole Genome Studies of <i>Tetrahymena</i> . <i>Methods in Cell Biology</i> , 2012, 109, 53-81.	1.1	30
12	Evolutionary Conservation of Sequences Directing Chromosome Breakage and rDNA Palindrome Formation in Tetrahymenine Ciliates. <i>Genetics</i> , 1996, 144, 1479-1487.	2.9	25
13	Genomics: <i>Stentor</i> 's Trumpet Sounds Anew. <i>Current Biology</i> , 2017, 27, R146-R148.	3.9	1