

Shawn M Christensen

List of Publications by Year in descending order

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249
citing authors

#	ARTICLE	IF	CITATIONS
1	R2 Target-Primed Reverse Transcription: Ordered Cleavage and Polymerization Steps by Protein Subunits Asymmetrically Bound to the Target DNA. <i>Molecular and Cellular Biology</i> , 2005, 25, 6617-6628.	2.3	76
2	RNA from the 5' end of the R2 retrotransposon controls R2 protein binding to and cleavage of its DNA target site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17602-17607.	7.1	67
3	Role of the <i>Bombyx mori</i> R2 element N-terminal domain in the target-primed reverse transcription (TPRT) reaction. <i>Nucleic Acids Research</i> , 2005, 33, 6461-6468.	14.5	43
4	Isoenergetic penta- and hexanucleotide microarray probing and chemical mapping provide a secondary structure model for an RNA element orchestrating R2 retrotransposon protein function. <i>Nucleic Acids Research</i> , 2008, 36, 1770-1782.	14.5	37
5	Secondary Structures for 5' Regions of R2 Retrotransposon RNAs Reveal a Novel Conserved Pseudoknot and Regions that Evolve under Different Constraints. <i>Journal of Molecular Biology</i> , 2009, 390, 428-442.	4.2	35
6	Nanostructures for Medical Diagnostics. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-21.	2.7	32
7	Electrical detection of single-base DNA mutation using functionalized nanoparticles. <i>Applied Physics Letters</i> , 2009, 95, 073703.	3.3	14
8	Independently derived targeting of 28S rDNA by A- and D-clade R2 retrotransposons. <i>Mobile Genetic Elements</i> , 2011, 1, 29-37.	1.8	13
9	Endonuclease domain of non-LTR retrotransposons: loss-of-function mutants and modeling of the R2Bm endonuclease. <i>Nucleic Acids Research</i> , 2016, 44, 3276-3287.	14.5	11
10	Targeting novel sites. <i>Mobile Genetic Elements</i> , 2011, 1, 169-178.	1.8	10
11	Completion of LINE integration involves an open 4-way branched DNA intermediate. <i>Nucleic Acids Research</i> , 2019, 47, 8708-8719.	14.5	9
12	Telomeres, Specialized Retroelements in <i>Drosophila</i> : Adaptive Symbionts of the Genome, Neutral, or in Conflict?. <i>BioEssays</i> , 2020, 42, e1900154.	2.5	9
13	Electronic detection of selective proteins using non antibody-based CMOS chip. , 2009, , .		5
14	Globular domain structure and function of restriction-like-endonuclease LINEs: similarities to eukaryotic splicing factor Prp8. <i>Mobile DNA</i> , 2017, 8, 16.	3.6	5
15	The linker region of LINEs modulates DNA cleavage and DNA polymerization. <i>Analytical Biochemistry</i> , 2020, 603, 113809.	2.4	3