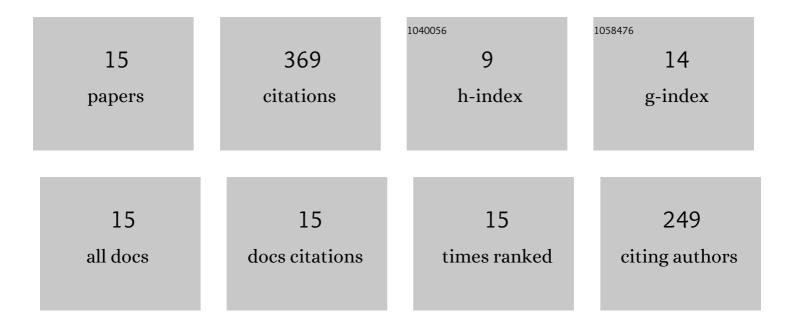
## Shawn M Christensen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	R2 Target-Primed Reverse Transcription: Ordered Cleavage and Polymerization Steps by Protein Subunits Asymmetrically Bound to the Target DNA. Molecular and Cellular Biology, 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. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17602-17607.	7.1	67
3	Role of the Bombyx mori R2 element N-terminal domain in the target-primed reverse transcription (TPRT) reaction. Nucleic Acids Research, 2005, 33, 6461-6468.	14.5	43
4	lsoenergetic penta- and hexanucleotide microarray probing and chemical mapping provide a secondary structure model for an RNA element orchestrating R2 retrotransposon protein function. Nucleic Acids Research, 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. Journal of Molecular Biology, 2009, 390, 428-442.	4.2	35
6	Nanostructures for Medical Diagnostics. Journal of Nanomaterials, 2012, 2012, 1-21.	2.7	32
7	Electrical detection of single-base DNA mutation using functionalized nanoparticles. Applied Physics Letters, 2009, 95, 073703.	3.3	14
8	Independently derived targeting of 28S rDNA by A- and D-clade R2 retrotransposons. Mobile Genetic Elements, 2011, 1, 29-37.	1.8	13
9	Endonuclease domain of non-LTR retrotransposons: loss-of-function mutants and modeling of the R2Bm endonuclease. Nucleic Acids Research, 2016, 44, 3276-3287.	14.5	11
10	Targeting novel sites. Mobile Genetic Elements, 2011, 1, 169-178.	1.8	10
11	Completion of LINE integration involves an open â€~4-way'Âbranched DNA intermediate. Nucleic Acids Research, 2019, 47, 8708-8719.	14.5	9
12	Telomereâ€5pecialized Retroelements in <i>Drosophila</i> : Adaptive Symbionts of the Genome, Neutral, or in Conflict?. BioEssays, 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. Mobile DNA, 2017, 8, 16.	3.6	5
15	The linker region of LINEs modulates DNA cleavage and DNA polymerization. Analytical Biochemistry, 2020, 603, 113809.	2.4	3