Roger M Wartell

List of Publications by Year
in descending order

15	735	933447 10	996975 15
papers	citations	h-index	g-index

16	16	16	756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relationship between calorimetric profiles and differential melting curves for natural DNAs. International Journal of Biological Macromolecules, 2017, 102, 591-598.	7.5	1
2	Yeast rRNA Expansion Segments: Folding and Function. Journal of Molecular Biology, 2016, 428, 4048-4059.	4.2	18
3	Ligation of RNA Oligomers by the Schistosoma mansoni Hammerhead Ribozyme in Frozen Solution. Journal of Molecular Evolution, 2016, 82, 81-92.	1.8	7
4	History of the ribosome and the origin of translation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15396-15401.	7.1	224
5	Evolution of the ribosome at atomic resolution. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10251-10256.	7.1	172
6	RNA with iron(II) as a cofactor catalyses electron transfer. Nature Chemistry, 2013, 5, 525-528.	13.6	68
7	RNA Folding and Catalysis Mediated by Iron (II). PLoS ONE, 2012, 7, e38024.	2.5	79
8	Conversion of stable RNA hairpin to a metastable dimer in frozen solution. Rna, 2007, 13, 2277-2286.	3.5	28
9	A single genetic determinant that prevents sex reversal in C57BL-YPOS congenic mice. Biochemical Genetics, 2000, 38, 119-137.	1.7	8
10	The formation of adjacent triplex-duplex domains in DNA. Nucleic Acids Research, 1999, 27, 859-865.	14.5	3
11	The Effect of Base Sequence on the Stability of RNA and DNA Single Base Bulges. Biochemistry, 1999, 38, 15986-15993.	2.5	53
12	RNase H1 Can Catalyze RNA/DNA Hybrid Formation and Cleavage with Stable Hairpin or Duplex DNA Oligomersâ€. Biochemistry, 1998, 37, 5154-5161.	2.5	22
13	Differences between DNA Base Pair Stacking Energies Are Conserved over a Wide Range of Ionic Conditionsâ€. Biochemistry, 1998, 37, 12343-12350.	2.5	11
14	The Relative Stabilities of Base Pair Stacking Interactions and Single Mismatches in Long RNA Measured by Temperature Gradient Gel Electrophoresisâ€. Biochemistry, 1997, 36, 15326-15335.	2.5	31
15	Selecting DNA fragments for mutation detection by temperature gradient gel electrophoresis: Application to the p53 gene cDNA. Electrophoresis, 1993, 14, 561-565.	2.4	10