

Joshua M Blose

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of osmolytes and macromolecular crowders on stable GAAA tetraloops and their preference for a CG closing base pair. <i>PeerJ</i> , 2018, 6, e4236.	2.0	1
2	Effects of osmolytes on stable UUCG tetraloops and their preference for a CG closing base pair. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 1-15.	1.1	1
3	The effects of a neutral cosolute on the B to Z transition for DNA duplexes incorporating both CG and CA steps. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 690-703.	1.1	3
4	Specificity of the Double-Stranded RNA-Binding Domain from the RNA-Activated Protein Kinase PKR for Double-Stranded RNA: Insights from Thermodynamics and Small-Angle X-ray Scattering. <i>Biochemistry</i> , 2012, 51, 9312-9322.	2.5	15
5	Effects of a Protecting Osmolyte on the Ion Atmosphere Surrounding DNA Duplexes. <i>Biochemistry</i> , 2011, 50, 8540-8547.	2.5	16
6	Counting Ions around DNA with Anomalous Small-Angle X-ray Scattering. <i>Journal of the American Chemical Society</i> , 2010, 132, 16334-16336.	13.7	83
7	Portability of the GN(R)A Hairpin Loop Motif between RNA and DNA. <i>Biochemistry</i> , 2009, 48, 8787-8794.	2.5	9
8	Contribution of the Closing Base Pair to Exceptional Stability in RNA Tetraloops: Roles for Molecular Mimicry and Electrostatic Factors. <i>Journal of the American Chemical Society</i> , 2009, 131, 8474-8484.	13.7	38
9	Structures, Kinetics, Thermodynamics, and Biological Functions of RNA Hairpins. <i>Annual Review of Physical Chemistry</i> , 2008, 59, 79-103.	10.8	105
10	A Simple Molecular Model for Thermophilic Adaptation of Functional Nucleic Acids. <i>Biochemistry</i> , 2007, 46, 4232-4240.	2.5	10
11	Non-Nearest-Neighbor Dependence of the Stability for RNA Bulge Loops Based on the Complete Set of Group I Single-Nucleotide Bulge Loops. <i>Biochemistry</i> , 2007, 46, 15123-15135.	2.5	30