Reza Behrouzi

List of Publications by Year
in descending order

14 papers	431 citations	1039880 9 h-index	1199470 12 g-index
16 all docs	16 docs citations	16 times ranked	590 citing authors

#	Article	IF	Citations
1	Recruitment dynamics of ESCRT-III and Vps4 to endosomes and implications for reverse membrane budding. ELife, 2017, 6, .	2.8	138
2	Cooperative Tertiary Interaction Network Guides RNA Folding. Cell, 2012, 149, 348-357.	13.5	88
3	Crowders Perturb the Entropy of RNA Energy Landscapes to Favor Folding. Journal of the American Chemical Society, 2013, 135, 10055-10063.	6.6	49
4	Structural Rearrangements Linked to Global Folding Pathways of the Azoarcus Group I Ribozyme. Journal of Molecular Biology, 2009, 386, 1167-1178.	2.0	37
5	Heterochromatin assembly by interrupted Sir3 bridges across neighboring nucleosomes. ELife, 2016, 5, .	2.8	30
6	Molecular crowding overcomes the destabilizing effects of mutations in a bacterial ribozyme. Nucleic Acids Research, 2015, 43, 1170-1176.	6.5	23
7	Evolving Models of Heterochromatin: From Foci to Liquid Droplets. Molecular Cell, 2017, 67, 725-727.	4.5	23
8	Entropic stabilization of folded RNA in crowded solutions measured by SAXS. Nucleic Acids Research, 2016, 44, gkw597.	6.5	18
9	Adaptation of proteins to different environments: A comparison of proteome structural properties in Bacillus subtilis and Escherichia coli. Journal of Theoretical Biology, 2007, 244, 127-132.	0.8	9
10	Modeling directed ligand passage toward enzyme active site by a 'double cellular automata' model. Biochemical and Biophysical Research Communications, 2005, 333, 1-4.	1.0	8
11	Kinetics and Mechanism of RNA Folding studied by SAXS. Biophysical Journal, 2009, 96, 575a.	0.2	3
12	Effects of Preferential Counterion Interactions on the Specificity of RNA Folding. Journal of Physical Chemistry Letters, 2018, 9, 5726-5732.	2.1	1
13	Native Architecture Encodes Cooperativity and Specificity in RNA Folding Intermediates. Biophysical Journal, 2012, 102, 645a-646a.	0.2	0
14	Rendering RNA in 3D. Nature Methods, 2012, 9, 552-553.	9.0	0