Subrata Panja

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3999269/publications.pdf

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17	596	687220 13	887953 17
papers	citations	h-index	g-index

18	18	18	634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conserved arginines on the rim of Hfq catalyze base pair formation and exchange. Nucleic Acids Research, 2013, 41, 7536-7546.	6.5	105
2	Rapid binding and release of Hfq from ternary complexes during RNA annealing. Nucleic Acids Research, 2011, 39, 5193-5202.	6.5	67
3	Proteins That Chaperone RNA Regulation. Microbiology Spectrum, 2018, 6, .	1.2	59
4	Hfq proximity and orientation controls RNA annealing. Nucleic Acids Research, 2012, 40, 8690-8697.	6.5	46
5	Mimicking Co-Transcriptional RNA Folding Using a Superhelicase. Journal of the American Chemical Society, 2018, 140, 10067-10070.	6.6	44
6	The Pseudomonas aeruginosa PrrF1 and PrrF2 Small Regulatory RNAs Promote 2-Alkyl-4-Quinolone Production through Redundant Regulation of the antR mRNA. Journal of Bacteriology, 2018, 200, .	1.0	43
7	Effect of salt and RNA structure on annealing and strand displacement by Hfq. Nucleic Acids Research, 2009, 37, 6205-6213.	6.5	40
8	Arginine Patch Predicts the RNA Annealing Activity of Hfq from Gram-Negative and Gram-Positive Bacteria. Journal of Molecular Biology, 2016, 428, 2259-2264.	2.0	36
9	Hexamer to Monomer Equilibrium of E. coli Hfq in Solution and Its Impact on RNA Annealing. Journal of Molecular Biology, 2012, 417, 406-412.	2.0	33
10	Metals induce transient folding and activation of the twister ribozyme. Nature Chemical Biology, 2017, 13, 1109-1114.	3.9	33
11	Acidic Residues in the Hfq Chaperone Increase the Selectivity of sRNA Binding and Annealing. Journal of Molecular Biology, 2015, 427, 3491-3500.	2.0	28
12	Lightâ€Triggered RNA Annealing by an RNA Chaperone. Angewandte Chemie - International Edition, 2015, 54, 7281-7284.	7.2	27
13	Light-controlled twister ribozyme with single-molecule detection resolves RNA function in time and space. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12080-12086.	3.3	15
14	Proteins That Chaperone RNA Regulation. , 0, , 383-397.		7
15	Fluorescence Reporters for Hfq Oligomerization and RNA Annealing. Methods in Molecular Biology, 2015, 1259, 369-383.	0.4	4
16	Monitoring co-transcriptional folding of riboswitches through helicase unwinding. Methods in Enzymology, 2019, 623, 209-227.	0.4	2
17	Quantitative Analysis of RNA Chaperone Activity by Native Gel Electrophoresis and Fluorescence Spectroscopy. Methods in Molecular Biology, 2020, 2106, 19-39.	0.4	2