

# Subrata Panja

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

596  
citations

687220

13  
h-index

887953

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

634  
citing authors

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