

Andrey Feklistov

List of Publications by Year in descending order

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15
papers

1,290
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-specific aptamer inhibitors of <i>Thermus</i> RNA polymerase. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 110-115.	2.1	1
2	RNA polymerase motions during promoter melting. <i>Science</i> , 2017, 356, 863-866.	12.6	85
3	6S RNA Mimics B-Form DNA to Regulate <i>Escherichia coli</i> RNA Polymerase. <i>Molecular Cell</i> , 2017, 68, 388-397.e6.	9.7	65
4	Structure of a bacterial RNA polymerase holoenzyme open promoter complex. <i>ELife</i> , 2015, 4, .	6.0	196
5	Promoter melting by an alternative σ , one base at a time. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 350-351.	8.2	7
6	Bacterial Sigma Factors: A Historical, Structural, and Genomic Perspective. <i>Annual Review of Microbiology</i> , 2014, 68, 357-376.	7.3	414
7	RNA polymerase: in search of promoters. <i>Annals of the New York Academy of Sciences</i> , 2013, 1293, 25-32.	3.8	27
8	Single-strand promoter traps for bacterial RNA polymerase. <i>Biochemical Journal</i> , 2013, 452, 241-248.	3.7	5
9	Crystallographic analysis of an RNA polymerase σ -subunit fragment complexed with σ^{-10} promoter element ssDNA: quadruplex formation as a possible tool for engineering crystal contacts in protein-ssDNA complexes. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 950-955.	0.7	2
10	Structural Basis for Promoter σ^{-10} Element Recognition by the Bacterial RNA Polymerase σ Subunit. <i>Cell</i> , 2011, 147, 1257-1269.	28.9	289
11	Recognition of bacterial promoter σ^{-10} region by σ subunit of RNA polymerase. <i>FASEB Journal</i> , 2011, 25, 1b165.	0.5	0
12	Promoter recognition by bacterial alternative σ factors: the price of high selectivity?: Figure 1.. <i>Genes and Development</i> , 2009, 23, 2371-2375.	5.9	11
13	Rifamycins do not function by allosteric modulation of binding of Mg^{2+} to the RNA polymerase active center. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14820-14825.	7.1	90
14	Specific Recognition of the σ^{-10} Promoter Element by the Free RNA Polymerase σ Subunit. <i>Journal of Biological Chemistry</i> , 2007, 282, 22033-22039.	3.4	11
15	A Basal Promoter Element Recognized by Free RNA Polymerase σ Subunit Determines Promoter Recognition by RNA Polymerase Holoenzyme. <i>Molecular Cell</i> , 2006, 23, 97-107.	9.7	87