Andrey Feklistov

List of Publications by Year
in descending order

15	1,290	933447 10	1058476 14
papers	citations	h-index	g-index

16	16	16	1310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial Sigma Factors: A Historical, Structural, and Genomic Perspective. Annual Review of Microbiology, 2014, 68, 357-376.	7.3	414
2	Structural Basis for Promoter â˜'10 Element Recognition by the Bacterial RNA Polymerase Ïƒ Subunit. Cell, 2011, 147, 1257-1269.	28.9	289
3	Structure of a bacterial RNA polymerase holoenzyme open promoter complex. ELife, 2015, 4, .	6.0	196
4	Rifamycins do not function by allosteric modulation of binding of Mg ²⁺ to the RNA polymerase active center. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14820-14825.	7.1	90
5	A Basal Promoter Element Recognized by Free RNA Polymerase Ïƒ Subunit Determines Promoter Recognition by RNA Polymerase Holoenzyme. Molecular Cell, 2006, 23, 97-107.	9.7	87
6	RNA polymerase motions during promoter melting. Science, 2017, 356, 863-866.	12.6	85
7	6S RNA Mimics B-Form DNA to Regulate Escherichia coli RNA Polymerase. Molecular Cell, 2017, 68, 388-397.e6.	9.7	65
8	RNA polymerase: in search of promoters. Annals of the New York Academy of Sciences, 2013, 1293, 25-32.	3.8	27
9	Specific Recognition of the -10 Promoter Element by the Free RNA Polymerase Ïƒ Subunit. Journal of Biological Chemistry, 2007, 282, 22033-22039.	3.4	11
10	Promoter recognition by bacterial alternative Ïƒ factors: the price of high selectivity?: Figure 1.. Genes and Development, 2009, 23, 2371-2375.	5.9	11
11	Promoter melting by an alternative Ïƒ, one base at a time. Nature Structural and Molecular Biology, 2014, 21, 350-351.	8.2	7
12	Single-strand promoter traps for bacterial RNA polymerase. Biochemical Journal, 2013, 452, 241-248.	3.7	5
13	Crystallographic analysis of an RNA polymerase Ïƒ-subunit fragment complexed with â˜'10 promoter element ssDNA: quadruplex formation as a possible tool for engineering crystal contacts in proteinâ€“ssDNA complexes. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 950-955.	0.7	2
14	Site-specific aptamer inhibitors of Thermus RNA polymerase. Biochemical and Biophysical Research Communications, 2018, 495, 110-115.	2.1	1
15	Recognition of bacterial promoter â€10 region by Ïƒ subunit of RNA polymerase. FASEB Journal, 2011, 25, lb165.	0.5	0