

Fan Yang

List of Publications by Year in descending order

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17
papers

848
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1583
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstitution of the CstF complex unveils a regulatory role for CstF-50 in recognition of 3' end processing signals. <i>Nucleic Acids Research</i> , 2018, 46, 493-503.	14.5	193
2	Cooperative interaction of transcription termination factors with the RNA polymerase II C-terminal domain. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1195-1201.	8.2	124
3	Applications of NMR to structure determination of RNAs large and small. <i>Archives of Biochemistry and Biophysics</i> , 2017, 628, 42-56.	3.0	98
4	Lipid Interaction Converts Prion Protein to a PrP ^{Sc} -like Proteinase K-Resistant Conformation under Physiological Conditions. <i>Biochemistry</i> , 2007, 46, 7045-7053.	2.5	97
5	Simple yet functional phosphate-loop proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11943-E11950.	7.1	70
6	Rbfox proteins regulate microRNA biogenesis by sequence-specific binding to their precursors and target downstream Dicer. <i>Nucleic Acids Research</i> , 2016, 44, 4381-4395.	14.5	59
7	Rtr1 Is a Dual Specificity Phosphatase That Dephosphorylates Tyr1 and Ser5 on the RNA Polymerase II CTD. <i>Journal of Molecular Biology</i> , 2014, 426, 2970-2981.	4.2	39
8	Targeted inhibition of oncogenic miR-21 maturation with designed RNA-binding proteins. <i>Nature Chemical Biology</i> , 2016, 12, 717-723.	8.0	37
9	Different phosphoisoforms of RNA polymerase II engage the Rtt103 termination factor in a structurally analogous manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3944-E3953.	7.1	24
10	Solution Structure and Backbone Dynamics of an Endopeptidase Hycl from <i>Scherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 3856-3863.	3.4	21
11	First structure of the polymyxin resistance proteins. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 1033-1037.	2.1	20
12	The C terminus of Pcf11 forms a novel zinc-finger structure that plays an essential role in mRNA 3' end processing. <i>Rna</i> , 2017, 23, 98-107.	3.5	19
13	Reversible conformational switch revealed by the redox structures of <i>Bacillus subtilis</i> thiol peroxidase. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 414-418.	2.1	15
14	Molecular basis for the increased affinity of an RNA recognition motif with re-engineered specificity: A molecular dynamics and enhanced sampling simulations study. <i>PLoS Computational Biology</i> , 2018, 14, e1006642.	3.2	14
15	Solution Structures and Backbone Dynamics of <i>Escherichia coli</i> Rhodanese PspE in Its Sulfur-Free and Persulfide-Intermediate Forms: Implications for the Catalytic Mechanism of Rhodanese. <i>Biochemistry</i> , 2008, 47, 4377-4385.	2.5	12
16	lncRNA HITT inhibits metastasis by attenuating Rab5-mediated endocytosis in lung adenocarcinoma. <i>Molecular Therapy</i> , 2022, 30, 1071-1088.	8.2	4
17	¹ H, ¹³ C, and ¹⁵ N resonance assignments of the reduced and oxidized forms of <i>Bacillus subtilis</i> thiol peroxidase. <i>Biomolecular NMR Assignments</i> , 2008, 2, 183-186.	0.8	2