

Feng Guo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

825
citations

1040056

9
h-index

1281871

11
g-index

25
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25
docs citations

25
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	INVESTIGATING POTENTIAL FUNCTIONS OF HEME IN MICRORNA BIOGENESIS. , 2020, , 163-185.		1
2	Heme promotes transcriptional and demethylase activities of Gisl, a member of the histone demethylase JMJD2/KDM4 family. Nucleic Acids Research, 2018, 46, 215-228.	14.5	20
3	In Crystallo Selection to Establish New RNA-Crystal Contacts. Structure, 2018, 26, 1275-1283.e3.	3.3	8
4	CO and NO bind to Fe(II) DiGeorge critical region 8 heme but do not restore primary microRNA processing activity. Journal of Biological Inorganic Chemistry, 2016, 21, 1021-1035.	2.6	4
5	Cobalt(III) Protoporphyrin Activates the DGCR8 Protein and Can Compensate microRNA Processing Deficiency. Chemistry and Biology, 2015, 22, 793-802.	6.0	11
6	Pyridine Hemochromagen Assay for Determining the Concentration of Heme in Purified Protein Solutions. Bio-protocol, 2015, 5, .	0.4	83
7	Processing of microRNA primary transcripts requires heme in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1861-1866.	7.1	69
8	The DGCR8 RNA-Binding Heme Domain Recognizes Primary MicroRNAs by Clamping the Hairpin. Cell Reports, 2014, 7, 1994-2005.	6.4	76
9	Ferric, not ferrous, heme activates RNA-binding protein DGCR8 for primary microRNA processing. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1919-1924.	7.1	90
10	HEME AND microRNA BIOGENESIS. , 2011, , 127-138.		2
11	DiGeorge Critical Region 8 (DGCR8) Is a Double-cysteine-ligated Heme Protein. Journal of Biological Chemistry, 2011, 286, 16716-16725.	3.4	54
12	Structure and Proposed Activity of a Member of the VapBC Family of Toxin-Antitoxin Systems. Journal of Biological Chemistry, 2009, 284, 276-283.	3.4	118
13	Heme is involved in microRNA processing. Nature Structural and Molecular Biology, 2007, 14, 23-29.	8.2	253