Feng Guo

List of Publications by Year
in descending order

13	825	1040056 9	1281871 11
papers	citations	h-index	g-index

25	25	25	1144
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heme is involved in microRNA processing. Nature Structural and Molecular Biology, 2007, 14, 23-29.	8.2	253
2	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
3	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
4	Pyridine Hemochromagen Assay for Determining the Concentration of Heme in Purified Protein Solutions. Bio-protocol, 2015, 5, .	0.4	83
5	The DGCR8 RNA-Binding Heme Domain Recognizes Primary MicroRNAs by Clamping the Hairpin. Cell Reports, 2014, 7, 1994-2005.	6.4	76
6	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
7	DiGeorge Critical Region 8 (DGCR8) Is a Double-cysteine-ligated Heme Protein. Journal of Biological Chemistry, 2011, 286, 16716-16725.	3.4	54
8	Heme promotes transcriptional and demethylase activities of Gis1, a member of the histone demethylase JMJD2/KDM4 family. Nucleic Acids Research, 2018, 46, 215-228.	14.5	20
9	Cobalt(III) Protoporphyrin Activates the DGCR8 Protein and Can Compensate microRNA Processing Deficiency. Chemistry and Biology, 2015, 22, 793-802.	6.0	11
10	In Crystallo Selection to Establish NewÂRNAÂCrystalÂContacts. Structure, 2018, 26, 1275-1283.e3.	3.3	8
11	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
12	HEME AND microRNA BIOGENESIS. , 2011, , 127-138.		2
13	INVESTIGATING POTENTIAL FUNCTIONS OF HEME IN MICRORNA BIOGENESIS. , 2020, , 163-185.		1