Jessica A Brown

List of Publications by Year
in descending order

16 papers	1,055 citations	840119 11 h-index	1058022 14 g-index
17 all docs	17 docs citations	17 times ranked	1292 citing authors

#	Article	IF	Citations
1	Formation of triple-helical structures by the 3â€²-end sequences of MALAT1 and MENÎ² noncoding RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19202-19207.	3.3	251
2	Structural insights into the stabilization of MALAT1 noncoding RNA by a bipartite triple helix. Nature Structural and Molecular Biology, 2014, 21, 633-640.	3.6	213
3	Methyltransferase-like protein 16 binds the 3â€²-terminal triple helix of MALAT1 long noncoding RNA. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14013-14018.	3.3	197
4	Naturally occurring modified ribonucleosides. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1595.	3.2	108
5	Structural insights into the RNA methyltransferase domain of METTL16. Scientific Reports, 2018, 8, 5311.	1.6	80
6	Unraveling the structure and biological functions of <scp>RNA</scp> triple helices. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1598.	3.2	51
7	Secondary Structural Model of Human MALAT1 Reveals Multiple Structureâ€“Function Relationships. International Journal of Molecular Sciences, 2019, 20, 5610.	1.8	41
8	A call for direct sequencing of full-length RNAs to identify all modifications. Nature Genetics, 2021, 53, 1113-1116.	9.4	33
9	Stability of an RNAâ€¢DNAâ€“DNA triple helix depends on base triplet composition and length of the RNA third strand. Nucleic Acids Research, 2019, 47, 7213-7222.	6.5	28
10	Hoogsteen-position pyrimidines promote the stability and function of the MALAT1 RNA triple helix. Rna, 2016, 22, 743-749.	1.6	24
11	Molecular structure of a Uâ€¢A-U-rich RNA triple helix with 11 consecutive base triples. Nucleic Acids Research, 2020, 48, 3304-3314.	6.5	16
12	Secondary Structural Model of MALAT1 Becomes Unstructured in Chronic Myeloid Leukemia and Undergoes Structural Rearrangement in Cervical Cancer. Non-coding RNA, 2021, 7, 6.	1.3	6
13	Intronless Î²-Globin Reporter: A Tool for Studying Nuclear RNA Stability Elements. Methods in Molecular Biology, 2016, 1428, 77-92.	0.4	4
14	A single natural RNA modification can destabilize a Uâ€¢A-T-rich RNAâ€¢DNA-DNA triple helix. Rna, 2022, 28, 1172-1184.	1.6	3
15	RNA Modifications Destabilize a Pyrimidineâ€Motif RNAâ—DNAâ€DNA Triple Helix. FASEB Journal, 2022, 36, .	0.2	0
16	Elucidating the Kinetic Mechanism of Human METTL16. FASEB Journal, 2022, 36, .	0.2	0