Jessica A Brown

List of Publications by Year
in descending order

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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	RNA Modifications Destabilize a Pyrimidineâ€Motif RNAâ—DNAâ€DNA Triple Helix. FASEB Journal, 2022, 36, .	0.2	0
2	Elucidating the Kinetic Mechanism of Human METTL16. FASEB Journal, 2022, 36, .	0.2	0
3	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
4	A call for direct sequencing of full-length RNAs to identify all modifications. Nature Genetics, 2021, 53, 1113-1116.	9.4	33
5	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
6	Unraveling the structure and biological functions of <scp>RNA</scp> triple helices. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1598.	3.2	51
7	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
8	Naturally occurring modified ribonucleosides. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1595.	3.2	108
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	Secondary Structural Model of Human MALAT1 Reveals Multiple Structureâ€“Function Relationships. International Journal of Molecular Sciences, 2019, 20, 5610.	1.8	41
11	Structural insights into the RNA methyltransferase domain of METTL16. Scientific Reports, 2018, 8, 5311.	1.6	80
12	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
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	Hoogsteen-position pyrimidines promote the stability and function of the MALAT1 RNA triple helix. Rna, 2016, 22, 743-749.	1.6	24
15	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
16	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