

Mark A Boerneke

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

582
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic RNA Elements Drive Phase Separation of the SARS-CoV-2 Nucleocapsid. <i>Molecular Cell</i> , 2020, 80, 1078-1091.e6.	9.7	255
2	Pervasive tertiary structure in the dengue virus RNA genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11513-11518.	7.1	81
3	Physical and Functional Analysis of Viral RNA Genomes by SHAPE. <i>Annual Review of Virology</i> , 2019, 6, 93-117.	6.7	47
4	Functional conservation despite structural divergence in ligand-responsive RNA switches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15952-15957.	7.1	40
5	Crystal-Structure-Guided Design of Self-Assembling RNA Nanotriangles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4097-4100.	13.8	38
6	2-Aminobenzoxazole ligands of the hepatitis C virus internal ribosome entry site. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3521-3525.	2.2	27
7	Structure of the Ribosomal RNA Decoding Site Containing a Selenium-Modified Responsive Fluorescent Ribonucleoside Probe. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2640-2644.	13.8	24
8	Aryl-substituted aminobenzimidazoles targeting the hepatitis C virus internal ribosome entry site. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3113-3117.	2.2	20
9	Ligand Optimization by Improving Shape Complementarity at a Hepatitis C Virus RNA Target. <i>ACS Chemical Biology</i> , 2016, 11, 3263-3267.	3.4	15
10	Ligand-responsive RNA mechanical switches. <i>RNA Biology</i> , 2015, 12, 780-786.	3.1	11
11	Conformational flexibility of viral RNA switches studied by FRET. <i>Methods</i> , 2015, 91, 35-39.	3.8	10
12	Structure of the Ribosomal RNA Decoding Site Containing a Selenium-Modified Responsive Fluorescent Ribonucleoside Probe. <i>Angewandte Chemie</i> , 2017, 129, 2684-2688.	2.0	4
13	Design and Crystallography of Self-Assembling RNA Nanostructures. <i>Methods in Molecular Biology</i> , 2017, 1632, 135-149.	0.9	2
14	Kristallstruktur-geleitetes Design selbstorganisierender RNA-Nanodreiecke. <i>Angewandte Chemie</i> , 2016, 128, 4166-4170.	2.0	0
15	High-Throughput Explorations of RNA Structural Modularity. <i>Biochemistry</i> , 2018, 57, 6129-6131.	2.5	0