

Marcin Ziemniak

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

375
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential therapeutic applications of RNA cap analogs. <i>Future Medicinal Chemistry</i> , 2013, 5, 1141-1172.	2.3	62
2	Synthesis, properties, and biological activity of boranophosphate analogs of the mRNA cap: versatile tools for manipulation of therapeutically relevant cap-dependent processes. <i>Nucleic Acids Research</i> , 2014, 42, 10245-10264.	14.5	49
3	mRNAs containing the histone 3' stem-loop are degraded primarily by decapping mediated by oligouridylation of the 3' end. <i>Rna</i> , 2013, 19, 1-16.	3.5	46
4	Preparation of Synthetically Challenging Nucleotides Using Cyanoethyl P-Imidazolides and Microwaves. <i>Organic Letters</i> , 2012, 14, 4782-4785.	4.6	45
5	Structural basis of mRNA-cap recognition by Dcp1-Dcp2. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 987-994.	8.2	45
6	Structure of the activated Edc1-Dcp1-Dcp2-Edc3 mRNA decapping complex with substrate analog poised for catalysis. <i>Nature Communications</i> , 2018, 9, 1152.	12.8	38
7	Phosphorothioate analogs of m ⁷ GTP are enzymatically stable inhibitors of cap-dependent translation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1921-1925.	2.2	35
8	Synthesis and evaluation of fluorescent cap analogues for mRNA labelling. <i>RSC Advances</i> , 2013, 3, 20943.	3.6	24
9	Phosphate-modified analogues of m ⁷ GTP and m ⁷ Gppppm ⁷ G. Synthesis and biochemical properties. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5369-5381.	3.0	21
10	Two-headed tetraphosphate cap analogs are inhibitors of the Dcp1/2 RNA decapping complex. <i>Rna</i> , 2016, 22, 518-529.	3.5	10
11	m ⁷ GTP is a strong and stable inhibitor of cap-dependent translation. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 291-292.	0.3	0