

Marek R Baranowski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluorinated Phosphoadenosine 5â€™-Phosphosulfate Analogues for Continuous Sulfotransferase Activity Monitoring and Inhibitor Screening by ¹⁹ F NMR Spectroscopy. ACS Chemical Biology, 2022, 17, 661-669.	3.4	2
2	Substrate-Based Design of Cytosolic Nucleotidase IIIB Inhibitors and Structural Insights into Inhibition Mechanism. Pharmaceuticals, 2022, 15, 554.	3.8	1
3	Substrate Specificity of SARS-CoV-2 Nsp10-Nsp16 Methyltransferase. Viruses, 2021, 13, 1722.	3.3	22
4	Novel N7-Arylmethyl Substituted Dinucleotide mRNA 5â€™ cap Analogs: Synthesis and Evaluation as Modulators of Translation. Pharmaceuticals, 2021, 13, 1941.	4.5	11
5	Purine and pyrimidine dinucleoside polyphosphates differentially affect the phenylpropanoid pathway in Vitis vinifera L. cv. Monastrell suspension cultured cells. Plant Physiology and Biochemistry, 2020, 147, 125-132.	5.8	14
6	5â€™-fluoro(di)phosphate-labeled oligonucleotides are versatile molecular probes for studying nucleic acid secondary structure and interactions by ¹⁹ F NMR. Nucleic Acids Research, 2020, 48, 8209-8224.	14.5	14
7	Synthesis of Trifluoromethylated Purine Ribonucleotides and Their Evaluation as ¹⁹ F NMR Probes. Journal of Organic Chemistry, 2020, 85, 3440-3453.	3.2	18
8	7-Methylguanosine monophosphate analogues with 5â€™-(1,2,3-triazoyl) moiety: Synthesis and evaluation as the inhibitors of cNIIIB nucleotidase. Bioorganic and Medicinal Chemistry, 2018, 26, 191-199.	3.0	9
9	mRNA cap analogues substituted in the tetraphosphate chain with CX2: identification of O-to-CCl2 as the first bridging modification that confers resistance to decapping without impairing translation. Nucleic Acids Research, 2017, 45, 8661-8675.	14.5	23
10	A fluorescent HTS assay for phosphohydrolases based on nucleoside 5â€™-fluorophosphates: its application in screening for inhibitors of mRNA decapping scavenger and PDE-I. Organic and Biomolecular Chemistry, 2016, 14, 4595-4604.	2.8	19
11	Synthesis of Fluorophosphate Nucleotide Analogues and Their Characterization as Tools for ¹⁹ F NMR Studies. Journal of Organic Chemistry, 2015, 80, 3982-3997.	3.2	35