

# Marek R Baranowski

## List of Publications by Year in descending order

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11  
papers

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citations

1163117

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docs citations

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times ranked

260  
citing authors

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