

Mariko F Matsuura

List of Publications by Year in descending order

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1684188

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1872680

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#	ARTICLE	IF	CITATIONS
1	A Single Deoxynucleoside Kinase Variant from <i>Drosophila melanogaster</i> Synthesizes Monophosphates of Nucleosides That Are Components of an Expanded Genetic System. <i>ACS Synthetic Biology</i> , 2017, 6, 388-394.	3.8	8
2	Expanded Genetic Alphabets: Managing Nucleotides That Lack Tautomeric, Protonated, or Deprotonated Versions Complementary to Natural Nucleotides. <i>ACS Synthetic Biology</i> , 2017, 6, 194-200.	3.8	10
3	Polymerase Interactions with Wobble Mismatches in Synthetic Genetic Systems and Their Evolutionary Implications. <i>Biochemistry</i> , 2016, 55, 3847-3850.	2.5	10
4	Crystal structures of deprotonated nucleobases from an expanded DNA alphabet. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 952-959.	0.5	3
5	Assays To Detect the Formation of Triphosphates of Unnatural Nucleotides: Application to <i>Escherichia coli</i> Nucleoside Diphosphate Kinase. <i>ACS Synthetic Biology</i> , 2016, 5, 234-240.	3.8	15
6	Autonomous assembly of synthetic oligonucleotides built from an expanded DNA alphabet. Total synthesis of a gene encoding kanamycin resistance. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2348-2360.	2.2	23