

A semisynthetic organism engineered for the stable exp

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Chemical Stabilization of Unnatural Nucleotide Triphosphates for the in Vivo Expansion of the Genetic Alphabet. <i>Journal of the American Chemical Society</i> , 2017, 139, 2464-2467.	6.6	26
4	Synthetic biological approaches for RNA labelling and imaging: design principles and future opportunities. <i>Current Opinion in Biotechnology</i> , 2017, 48, 153-158.	3.3	9
5	Photochemical Reactivity of dTPT3: A Crucial Nucleobase Derivative in the Development of Semisynthetic Organisms. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2387-2392.	2.1	12
6	On the enzymatic incorporation of an imidazole nucleotide into DNA. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4449-4455.	1.5	35
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8	Structural Basis for Expansion of the Genetic Alphabet with an Artificial Nucleobase Pair. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12000-12003.	7.2	30
9	Toward an Expanded Genome: Structural and Computational Characterization of an Artificially Expanded Genetic Information System. <i>Accounts of Chemical Research</i> , 2017, 50, 1375-1382.	7.6	20
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11	Mechanism Underlying the Nucleobase-Distinguishing Ability of Benzopyridopyrimidine (BPP). <i>Journal of Physical Chemistry A</i> , 2017, 121, 8267-8279.	1.1	0
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16	<i>In Vivo</i> Structure-Activity Relationships and Optimization of an Unnatural Base Pair for Replication in a Semi-Synthetic Organism. <i>Journal of the American Chemical Society</i> , 2017, 139, 11427-11433.	6.6	28
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19	Unique Thermal Stability of Unnatural Hydrophobic Ds Bases in Double-Stranded DNAs. <i>ACS Synthetic Biology</i> , 2017, 6, 1944-1951.	1.9	10
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22	Evolving Aptamers with Unnatural Base Pairs. <i>Current Protocols in Chemical Biology</i> , 2017, 9, 315-339.	1.7	10
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