

Cell-free synthetic biology: Thinking outside the cell

Metabolic Engineering

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Citation Report

#	ARTICLE	IF	CITATIONS
1	An <i>E. coli</i> Cell-Free Expression Toolbox: Application to Synthetic Gene Circuits and Artificial Cells. <i>ACS Synthetic Biology</i> , 2012, 1, 29-41.	1.9	381
2	Cell-Free Biosystems for Biomanufacturing. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 131, 89-119.	0.6	22
3	Synthetic in vitro circuits. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 253-259.	2.8	58
4	Expression optimization and synthetic gene networks in cell-free systems. <i>Nucleic Acids Research</i> , 2012, 40, 3763-3774.	6.5	113
5	Multiplexed <i>in Vivo</i> His-Tagging of Enzyme Pathways for <i>in Vitro</i> Single-Pot Multienzyme Catalysis. <i>ACS Synthetic Biology</i> , 2012, 1, 43-52.	1.9	87
6	Ensemble Bayesian Analysis of Bistability in a Synthetic Transcriptional Switch. <i>ACS Synthetic Biology</i> , 2012, 1, 299-316.	1.9	53
7	Genome Replication, Synthesis, and Assembly of the Bacteriophage T7 in a Single Cell-Free Reaction. <i>ACS Synthetic Biology</i> , 2012, 1, 408-413.	1.9	134
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20	Construction of an in vitro bypassed pyruvate decarboxylation pathway using thermostable enzyme modules and its application to N-acetylglutamate production. <i>Microbial Cell Factories</i> , 2013, 12, 91.	1.9	8
21	Unbiased Tracking of the Progression of mRNA and Protein Synthesis in Bulk and in Liposome-Confined Reactions. <i>ChemBioChem</i> , 2013, 14, 1963-1966.	1.3	39
22	Applications of cell-free protein synthesis in synthetic biology: Interfacing bio-machinery with synthetic environments. <i>Biotechnology Journal</i> , 2013, 8, 1292-1300.	1.8	15
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42	Synthetic Biology Outside the Cell: Linking Computational Tools to Cell-Free Systems. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 66.	2.0	12
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