

Adam J Meyer

List of Publications by Year in descending order

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8
papers

687
citations

1163117
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1588992
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all docs

9
docs citations

9
times ranked

1005
citing authors

#	ARTICLE	IF	CITATIONS
1	Hachimoji DNA and RNA: A genetic system with eight building blocks. <i>Science</i> , 2019, 363, 884-887.	12.6	337
2	Genetic alphabet expansion transcription generating functional RNA molecules containing a five-letter alphabet including modified unnatural and natural base nucleotides by thermostable T7 RNA polymerase variants. <i>Chemical Communications</i> , 2017, 53, 12309-12312.	4.1	21
3	<i>In Vitro</i> Selection for Small-Molecule-Triggered Strand Displacement and Riboswitch Activity. <i>ACS Synthetic Biology</i> , 2015, 4, 1144-1150.	3.8	23
4	Transcription yield of fully 2'-modified RNA can be increased by the addition of thermostabilizing mutations to T7 RNA polymerase mutants. <i>Nucleic Acids Research</i> , 2015, 43, 7480-7488.	14.5	57
5	Directed Evolution of a Panel of Orthogonal T7 RNA Polymerase Variants for <i>In Vivo</i> or <i>In Vitro</i> Synthetic Circuitry. <i>ACS Synthetic Biology</i> , 2015, 4, 1070-1076.	3.8	51
6	Directed evolution of genetic parts and circuits by compartmentalized partnered replication. <i>Nature Biotechnology</i> , 2014, 32, 97-101.	17.5	133
7	Library Generation by Gene Shuffling. <i>Current Protocols in Molecular Biology</i> , 2014, 105, Unit 15.12..	2.9	16
8	Abiotic Self-Replication. <i>Accounts of Chemical Research</i> , 2012, 45, 2097-2105.	15.6	39