

Alaksh Choudhury

List of Publications by Year in descending order

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17
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376
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687363

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940533

16
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17
all docs

17
docs citations

17
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518
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput navigation of the sequence space. , 2022, , 123-146.		0
2	Engineering regulatory networks for complex phenotypes in E. coli. Nature Communications, 2020, 11, 4050.	12.8	21
3	Small molecule regulated sgRNAs enable control of genome editing in E. coli by Cas9. Nature Communications, 2020, 11, 1394.	12.8	28
4	Integrating CRISPR-Enabled Trackable Genome Engineering and Transcriptomic Analysis of Global Regulators for Antibiotic Resistance Selection and Identification in Escherichia coli. MSystems, 2020, 5, .	3.8	8
5	Determinants for Efficient Editing with Cas9-Mediated Recombineering in <i>Escherichia coli</i> . ACS Synthetic Biology, 2020, 9, 1083-1099.	3.8	15
6	CRISPR/Cas9 recombineering-mediated deep mutational scanning of essential genes in <i>Escherichia coli</i> . Molecular Systems Biology, 2020, 16, e9265.	7.2	28
7	Multiplex navigation of global regulatory networks (MINR) in yeast for improved ethanol tolerance and production. Metabolic Engineering, 2019, 51, 50-58.	7.0	30
8	Iterative genome editing of Escherichia coli for 3-hydroxypropionic acid production. Metabolic Engineering, 2018, 47, 303-313.	7.0	34
9	Directed combinatorial mutagenesis of Escherichia coli for complex phenotype engineering. Metabolic Engineering, 2018, 47, 10-20.	7.0	32
10	Genomic Deoxyxylulose Phosphate Reductoisomerase (DXR) Mutations Conferring Resistance to the Antimalarial Drug Fosmidomycin in <i>E. coli</i> . ACS Synthetic Biology, 2018, 7, 2824-2832.	3.8	11
11	Deep scanning lysine metabolism in <i>Escherichia coli</i> . Molecular Systems Biology, 2018, 14, e8371.	7.2	34
12	A cell-free expression and purification process for rapid production of protein biologics. Biotechnology Journal, 2016, 11, 238-248.	3.5	59
13	Lytic Polysaccharide Monooxygenases <i>Sc</i> LPMO10B and <i>Sc</i> LPMO10C Are Stable in Ionic Liquids As Determined by Molecular Simulations. Journal of Physical Chemistry B, 2016, 120, 3863-3872.	2.6	15
14	The Resistome: A Comprehensive Database of Escherichia coli Resistance Phenotypes. ACS Synthetic Biology, 2016, 5, 1566-1577.	3.8	17
15	Yeast knockout library allows for efficient testing of genomic mutations for cell-free protein synthesis. Synthetic and Systems Biotechnology, 2016, 1, 2-6.	3.7	15
16	Complex systems in metabolic engineering. Current Opinion in Biotechnology, 2015, 36, 107-114.	6.6	10
17	Evaluating fermentation effects on cell growth and crude extract metabolic activity for improved yeast cell-free protein synthesis. Biochemical Engineering Journal, 2014, 91, 140-148.	3.6	19