

Thomas E Kuhlman

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,680
citations

759233

12
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2188
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted insertion of large genetic payloads using cas directed LINE-1 reverse transcriptase. Scientific Reports, 2021, 11, 23625.	3.3	3
2	Escherichia coli with a Tunable Point Mutation Rate for Evolution Experiments. G3: Genes, Genomes, Genetics, 2020, 10, 2671-2681.	1.8	4
3	Testing the retroelement invasion hypothesis for the emergence of the ancestral eukaryotic cell. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12465-12470.	7.1	11
4	Effect of Genomic Integration Location on Heterologous Protein Expression and Metabolic Engineering in <i>E. coli</i> . ACS Synthetic Biology, 2017, 6, 710-720.	3.8	93
5	Environment determines evolutionary trajectory in a constrained phenotypic space. ELife, 2017, 6, .	6.0	76
6	Ribosome biogenesis in replicating cells: Integration of experiment and theory. Biopolymers, 2016, 105, 735-751.	2.4	12
7	Real-time transposable element activity in individual live cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7278-7283.	7.1	16
8	Tandem Spinach Array for mRNA Imaging in Living Bacterial Cells. Scientific Reports, 2015, 5, 17295.	3.3	88
9	An Integrated System for Precise Genome Modification in Escherichia coli. PLoS ONE, 2015, 10, e0136963.	2.5	30
10	Automated single cell microbioreactor for monitoring intracellular dynamics and cell growth in free solution. Lab on A Chip, 2014, 14, 2688-2697.	6.0	33
11	DNA-binding-protein inhomogeneity in $E. coli$ modeled as biphasic facilitated diffusion. Physical Review E, 2013, 88, 022701.		11
12	Gene location and DNA density determine transcription factor distributions in <i>Escherichia coli</i> . Molecular Systems Biology, 2012, 8, 610.	7.2	115
13	Transcription by the numbers redux: experiments and calculations that surprise. Trends in Cell Biology, 2010, 20, 723-733.	7.9	38
14	Site-specific chromosomal integration of large synthetic constructs. Nucleic Acids Research, 2010, 38, e92-e92.	14.5	219
15	A place for everything. Bioengineered Bugs, 2010, 1, 298-301.	1.7	14
16	Combinatorial transcriptional control of the lactose operon of Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6043-6048.	7.1	222
17	Quantitative Characteristics of Gene Regulation by Small RNA. PLoS Biology, 2007, 5, e229.	5.6	346
18	Transcriptional regulation by the numbers: applications. Current Opinion in Genetics and Development, 2005, 15, 125-135.	3.3	343