Thomas E Kuhlman

List of Publications by Year
in descending order

18	1,680	759233 12	794594 19
papers	citations	h-index	g-index

21	21	21	2188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitative Characteristics of Gene Regulation by Small RNA. PLoS Biology, 2007, 5, e229.	5.6	346
2	Transcriptional regulation by the numbers: applications. Current Opinion in Genetics and Development, 2005, 15, 125-135.	3.3	343
3	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
4	Site-specific chromosomal integration of large synthetic constructs. Nucleic Acids Research, 2010, 38, e92-e92.	14.5	219
5	Gene location and DNA density determine transcription factor distributions in Escherichia coli. Molecular Systems Biology, 2012, 8, 610.	7.2	115
6	Effect of Genomic Integration Location on Heterologous Protein Expression and Metabolic Engineering in E.Âcoli. ACS Synthetic Biology, 2017, 6, 710-720.	3.8	93
7	Tandem Spinach Array for mRNA Imaging in Living Bacterial Cells. Scientific Reports, 2015, 5, 17295.	3.3	88
8	Environment determines evolutionary trajectory in a constrained phenotypic space. ELife, 2017, 6, .	6.0	76
9	Transcription by the numbers redux: experiments and calculations that surprise. Trends in Cell Biology, 2010, 20, 723-733.	7.9	38
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	An Integrated System for Precise Genome Modification in Escherichia coli. PLoS ONE, 2015, 10, e0136963.	2.5	30
12	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
13	A place for everything. Bioengineered Bugs, 2010, 1, 298-301.	1.7	14
14	Ribosome biogenesis in replicating cells: Integration of experiment and theory. Biopolymers, 2016, 105, 735-751.	2.4	12
15	DNA-binding-protein inhomogeneity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>E</mml:mi><mml:mo>.</mml:mo></mml:mrow></mml:math>colimodeled as biphasic facilitated diffusion. Physical Review E, 2013, 88, 022701.	2.4	11
16	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
17	Escherichia coli with a Tunable Point Mutation Rate for Evolution Experiments. G3: Genes, Genomes, Genetics, 2020, 10, 2671-2681.	1.8	4
18	Targeted insertion of large genetic payloads using cas directed LINE-1 reverse transcriptase. Scientific Reports, 2021, 11, 23625.	3.3	3