

Maike M K Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

748
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced transcription rates in membrane-free protocells formed by coacervation of cell lysate. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11692-11697.	7.1	282
2	Macromolecular crowding creates heterogeneous environments of gene expression in picolitre droplets. Nature Nanotechnology, 2016, 11, 191-197.	31.5	123
3	Cytoplasmic Amplification of Transcriptional Noise Generates Substantial Cell-to-Cell Variability. Cell Systems, 2018, 7, 384-397.e6.	6.2	75
4	A Post-Transcriptional Feedback Mechanism for Noise Suppression and Fate Stabilization. Cell, 2018, 173, 1609-1621.e15.	28.9	73
5	A DNA repair pathway can regulate transcriptional noise to promote cell fate transitions. Science, 2021, 373, .	12.6	58
6	Transcription and Translation in Cytomimetic Protocells Perform Most Efficiently at Distinct Macromolecular Crowding Conditions. ACS Synthetic Biology, 2020, 9, 2797-2807.	3.8	39
7	TASOR epigenetic repressor cooperates with a CNOT1 RNA degradation pathway to repress HIV. Nature Communications, 2022, 13, 66.	12.8	24
8	Nonlatching positive feedback enables robust bimodality by decoupling expression noise from the mean. PLoS Biology, 2017, 15, e2000841.	5.6	19
9	Cell-Like Nanostructured Environments Alter Diffusion and Reaction Kinetics in Cell-Free Gene Expression. ChemBioChem, 2016, 17, 228-232.	2.6	18
10	Protein Synthesis in Coupled and Uncoupled Cell-Free Prokaryotic Gene Expression Systems. ACS Synthetic Biology, 2016, 5, 1433-1440.	3.8	17
11	Post-Transcriptional Noise Control. BioEssays, 2019, 41, 1900044.	2.5	11
12	HIV Latency: Stochastic across Multiple Scales. Cell Host and Microbe, 2019, 26, 703-705.	11.0	9