

Mariana GÃ³mez-Schiavon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2852573/publications.pdf>

Version: 2024-02-01

8
papers

362
citations

1478505

6
h-index

1588992

8
g-index

15
all docs

15
docs citations

15
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancer Histone Acetylation Modulates Transcriptional Bursting Dynamics of Neuronal Activity-Inducible Genes. <i>Cell Reports</i> , 2019, 26, 1174-1188.e5.	6.4	111
2	Modular and tunable biological feedback control using a de novo protein switch. <i>Nature</i> , 2019, 572, 265-269.	27.8	96
3	Design and Analysis of a Proportional-Integral-Derivative Controller with Biological Molecules. <i>Cell Systems</i> , 2019, 9, 338-353.e10.	6.2	67
4	BayFish: Bayesian inference of transcription dynamics from population snapshots of single-molecule RNA FISH in single cells. <i>Genome Biology</i> , 2017, 18, 164.	8.8	37
5	Epigenetic switching as a strategy for quick adaptation while attenuating biochemical noise. <i>PLoS Computational Biology</i> , 2019, 15, e1007364.	3.2	17
6	Multidimensional Characterization of Parts Enhances Modeling Accuracy in Genetic Circuits. <i>ACS Synthetic Biology</i> , 2020, 9, 2917-2926.	3.8	15
7	Competitive Displacement of <i>De Novo</i> Designed HeteroDimers Can Reversibly Control Protein-Protein Interactions and Implement Feedback in Synthetic Circuits. , 2022, 1, 91-100.		4
8	Complexity-aware simple modeling. <i>Current Opinion in Microbiology</i> , 2018, 45, 47-52.	5.1	1