

# Mariana GÃ³mez-Schiavon

## List of Publications by Year in descending order

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

Version: 2024-02-01

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1478505

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