

Sofia A Quinodoz

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,873
citations

933410

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1058452

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docs citations

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times ranked

3295
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential Roles for RNA in Shaping Nuclear Organization. <i>Cold Spring Harbor Perspectives in Biology</i> , 2022, 14, a039719.	5.5	19
2	Single-cell measurement of higher-order 3D genome organization with scSPRITE. <i>Nature Biotechnology</i> , 2022, 40, 64-73.	17.5	63
3	SPRITE: a genome-wide method for mapping higher-order 3D interactions in the nucleus using combinatorial split-and-pool barcoding. <i>Nature Protocols</i> , 2022, 17, 36-75.	12.0	24
4	Integrative genome modeling platform reveals essentiality of rare contact events in 3D genome organizations. <i>Nature Methods</i> , 2022, 19, 938-949.	19.0	20
5	RNA promotes the formation of spatial compartments in the nucleus. <i>Cell</i> , 2021, 184, 5775-5790.e30.	28.9	192
6	Noncoding RNAs: biology and applications – a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 118-141.	3.8	13
7	High-Resolution Mapping of Multiway Enhancer-Promoter Interactions Regulating Pathogen Detection. <i>Molecular Cell</i> , 2020, 80, 359-373.e8.	9.7	21
8	SARS-CoV-2 Disrupts Splicing, Translation, and Protein Trafficking to Suppress Host Defenses. <i>Cell</i> , 2020, 183, 1325-1339.e21.	28.9	442
9	Molecular Time Sharing through Dynamic Pulsing in Single Cells. <i>Cell Systems</i> , 2018, 6, 216-229.e15.	6.2	29
10	Higher-Order Inter-chromosomal Hubs Shape 3D Genome Organization in the Nucleus. <i>Cell</i> , 2018, 174, 744-757.e24.	28.9	649
11	Quorum Sensing Regulates the Osmotic Stress Response in <i>Vibrio harveyi</i> . <i>Journal of Bacteriology</i> , 2015, 197, 73-80.	2.2	44
12	Long noncoding RNAs: an emerging link between gene regulation and nuclear organization. <i>Trends in Cell Biology</i> , 2014, 24, 651-663.	7.9	286
13	Size Matters!. <i>Journal of Statistical Physics</i> , 2012, 148, 664-676.	1.2	6
14	The More the Merrier?. <i>Journal of Statistical Physics</i> , 2011, 142, 1324-1336.	1.2	7