

Irene Farabella

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,258
citations

687363

13
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

2741
citing authors

#	ARTICLE	IF	CITATIONS
1	3D reconstruction of genomic regions from sparse interaction data. NAR Genomics and Bioinformatics, 2021, 3, lqab017.	3.2	2
2	Dynamics of genome architecture and chromatin function during human B cell differentiation and neoplastic transformation. Nature Communications, 2021, 12, 651.	12.8	67
3	Three-dimensional genome organization via triplex-forming RNAs. Nature Structural and Molecular Biology, 2021, 28, 945-954.	8.2	18
4	TADs without borders. Nature Genetics, 2020, 52, 752-753.	21.4	3
5	Hierarchical chromatin organization detected by TADpole. Nucleic Acids Research, 2020, 48, e39-e39.	14.5	22
6	Transcriptional activation during cell reprogramming correlates with the formation of 3D open chromatin hubs. Nature Communications, 2020, 11, 2564.	12.8	41
7	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. Nature Genetics, 2019, 51, 1137-1148.	21.4	208
8	RNA proximity sequencing reveals the spatial organization of the transcriptome in the nucleus. Nature Biotechnology, 2019, 37, 793-802.	17.5	30
9	Walking along chromosomes with super-resolution imaging, contact maps, and integrative modeling. PLoS Genetics, 2018, 14, e1007872.	3.5	209
10	Conformational Changes during Pore Formation by the Perforin-Related Protein Pleurotolysin. PLoS Biology, 2015, 13, e1002049.	5.6	114
11	Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. Nature Communications, 2015, 6, 8038.	12.8	160
12	<i>TEMPy</i>: a Python library for assessment of three-dimensional electron microscopy density fits. Journal of Applied Crystallography, 2015, 48, 1314-1323.	4.5	75
13	Allosteric signalling in the outer membrane translocation domain of PapC usher. ELife, 2014, 3, .	6.0	18
14	Conserved mechanisms of microtubule-stimulated ADP release, ATP binding, and force generation in transport kinesins. ELife, 2014, 3, e03680.	6.0	100
15	Stepwise visualization of membrane pore formation by suilysin, a bacterial cholesterol-dependent cytolysin. ELife, 2014, 3, e04247.	6.0	145
16	Zinc Binding to the Tyr402 and His402 Allotypes of Complement Factor H: Possible Implications for Age-Related Macular Degeneration. Journal of Molecular Biology, 2011, 408, 714-735.	4.2	42