

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	Walking along chromosomes with super-resolution imaging, contact maps, and integrative modeling. PLoS Genetics, 2018, 14, e1007872.	3.5	209
2	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
3	Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. Nature Communications, 2015, 6, 8038.	12.8	160
4	Stepwise visualization of membrane pore formation by suliyisin, a bacterial cholesterol-dependent cytolysin. ELife, 2014, 3, e04247.	6.0	145
5	Conformational Changes during Pore Formation by the Perforin-Related Protein Pleurotolysin. PLoS Biology, 2015, 13, e1002049.	5.6	114
6	Conserved mechanisms of microtubule-stimulated ADP release, ATP binding, and force generation in transport kinesins. ELife, 2014, 3, e03680.	6.0	100
7	<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
8	Dynamics of genome architecture and chromatin function during human B cell differentiation and neoplastic transformation. Nature Communications, 2021, 12, 651.	12.8	67
9	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
10	Transcriptional activation during cell reprogramming correlates with the formation of 3D open chromatin hubs. Nature Communications, 2020, 11, 2564.	12.8	41
11	RNA proximity sequencing reveals the spatial organization of the transcriptome in the nucleus. Nature Biotechnology, 2019, 37, 793-802.	17.5	30
12	Hierarchical chromatin organization detected by TADpole. Nucleic Acids Research, 2020, 48, e39-e39.	14.5	22
13	Allosteric signalling in the outer membrane translocation domain of PapC usher. ELife, 2014, 3, .	6.0	18
14	Three-dimensional genome organization via triplex-forming RNAs. Nature Structural and Molecular Biology, 2021, 28, 945-954.	8.2	18
15	TADs without borders. Nature Genetics, 2020, 52, 752-753.	21.4	3
16	3D reconstruction of genomic regions from sparse interaction data. NAR Genomics and Bioinformatics, 2021, 3, lqab017.	3.2	2