

Vishnu Dileep

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,100
citations

759233

12
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	Topologically associating domains are stable units of replication-timing regulation. <i>Nature</i> , 2014, 515, 402-405.	27.8	779
2	Integrative detection and analysis of structural variation in cancer genomes. <i>Nature Genetics</i> , 2018, 50, 1388-1398.	21.4	268
3	Mouse Rif1 is a key regulator of the replication-timing programme in mammalian cells. <i>EMBO Journal</i> , 2012, 31, 3678-3690.	7.8	221
4	Topologically associating domains and their long-range contacts are established during early G1 coincident with the establishment of the replication-timing program. <i>Genome Research</i> , 2015, 25, 1104-1113.	5.5	157
5	Nuclear Architecture Organized by Rif1 Underpins the Replication-Timing Program. <i>Molecular Cell</i> , 2016, 61, 260-273.	9.7	155
6	Identifying cis Elements for Spatiotemporal Control of Mammalian DNA Replication. <i>Cell</i> , 2019, 176, 816-830.e18.	28.9	144
7	Mapping the epigenomic and transcriptomic interplay during memory formation and recall in the hippocampal engram ensemble. <i>Nature Neuroscience</i> , 2020, 23, 1606-1617.	14.8	89
8	Single-cell replication profiling to measure stochastic variation in mammalian replication timing. <i>Nature Communications</i> , 2018, 9, 427.	12.8	78
9	Chromatin-interaction compartment switch at developmentally regulated chromosomal domains reveals an unusual principle of chromatin folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12574-12579.	7.1	59
10	Large-Scale Chromatin Structureâ€“Function Relationships during the Cell Cycle and Development: Insights from Replication Timing. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2015, 80, 53-63.	1.1	59
11	Murine esBAF chromatin remodeling complex subunits BAF250a and Brg1 are necessary to maintain and reprogram pluripotency-specific replication timing of select replication domains. <i>Epigenetics and Chromatin</i> , 2013, 6, 42.	3.9	27
12	Rapid Irreversible Transcriptional Reprogramming in Human Stem Cells Accompanied by Discordance between Replication Timing and Chromatin Compartment. <i>Stem Cell Reports</i> , 2019, 13, 193-206.	4.8	24
13	Three-dimensional chromatin organization in brain function and dysfunction. <i>Current Opinion in Neurobiology</i> , 2021, 69, 214-221.	4.2	10
14	Genome-wide analysis of replication timing in mammalian cells: Troubleshooting problems encountered when comparing different cell types. <i>Methods</i> , 2012, 57, 165-169.	3.8	8
15	Mapping Replication Timing in Single Mammalian Cells. <i>Current Protocols</i> , 2022, 2, e334.	2.9	5
16	Identification of <i>cis</i> Elements for Spatio-temporal Control of DNA Replication. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1