

Boyan Bonev

List of Publications by Year in descending order

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Version: 2024-02-01

18
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4,018
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516710

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docs citations

21
times ranked

6544
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale 3D Genome Rewiring during Mouse Neural Development. <i>Cell</i> , 2017, 171, 557-572.e24.	28.9	1,060
2	Organization and function of the 3D genome. <i>Nature Reviews Genetics</i> , 2016, 17, 661-678.	16.3	821
3	Multiple knockout mouse models reveal lincRNAs are required for life and brain development. <i>ELife</i> , 2013, 2, e01749.	6.0	609
4	microRNA-9 regulates axon extension and branching by targeting Map1b in mouse cortical neurons. <i>Nature Neuroscience</i> , 2012, 15, 697-699.	14.8	250
5	TADs are 3D structural units of higher-order chromosome organization in <i>Drosophila</i> . <i>Science Advances</i> , 2018, 4, eaar8082.	10.3	237
6	MicroRNA-9 Modulates Hes1 Ultradian Oscillations by Forming a Double-Negative Feedback Loop. <i>Cell Reports</i> , 2012, 2, 10-18.	6.4	172
7	MicroRNA-9 Reveals Regional Diversity of Neural Progenitors along the Anterior-Posterior Axis. <i>Developmental Cell</i> , 2011, 20, 19-32.	7.0	148
8	Regulation of single-cell genome organization into TADs and chromatin nanodomains. <i>Nature Genetics</i> , 2020, 52, 1151-1157.	21.4	127
9	4D Genome Rewiring during Oncogene-Induced and Replicative Senescence. <i>Molecular Cell</i> , 2020, 78, 522-538.e9.	9.7	107
10	Stable Polycomb-dependent transgenerational inheritance of chromatin states in <i>Drosophila</i> . <i>Nature Genetics</i> , 2017, 49, 876-886.	21.4	81
11	Genome-wide analysis of gene expression during <i>Xenopus tropicalis</i> tadpole tail regeneration. <i>BMC Developmental Biology</i> , 2011, 11, 70.	2.1	74
12	MeCP2 Represses the Rate of Transcriptional Initiation of Highly Methylated Long Genes. <i>Molecular Cell</i> , 2020, 77, 294-309.e9.	9.7	72
13	Coordinate redeployment of PRC1 proteins suppresses tumor formation during <i>Drosophila</i> development. <i>Nature Genetics</i> , 2016, 48, 1436-1442.	21.4	70
14	Multimodal profiling of the transcriptional regulatory landscape of the developing mouse cortex identifies Neurog2 as a key epigenome remodeler. <i>Nature Neuroscience</i> , 2022, 25, 154-167.	14.8	27
15	Multicolor Fluorescent In Situ mRNA Hybridization (FISH) on Whole Mounts and Sections. <i>Methods in Molecular Biology</i> , 2012, 917, 431-444.	0.9	18
16	Decoding the organization, dynamics, and function of the 4D genome. <i>Developmental Cell</i> , 2021, 56, 1562-1573.	7.0	15
17	Methods to Analyze microRNA Expression and Function During <i>Xenopus</i> Development. <i>Methods in Molecular Biology</i> , 2012, 917, 445-459.	0.9	3
18	Evolutionary conservation and cell type specificity of nuclear compartments in the brain. <i>Trends in Neurosciences</i> , 2021, , .	8.6	0