

DarÃ- o G LupiÃ;Ã±ez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,633
citations

567281

15
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610901

24
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all docs

28
docs citations

28
times ranked

5702
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruptions of Topological Chromatin Domains Cause Pathogenic Rewiring of Gene-Enhancer Interactions. <i>Cell</i> , 2015, 161, 1012-1025.	28.9	1,725
2	Structural variation in the 3D genome. <i>Nature Reviews Genetics</i> , 2018, 19, 453-467.	16.3	508
3	Breaking TADs: How Alterations of Chromatin Domains Result in Disease. <i>Trends in Genetics</i> , 2016, 32, 225-237.	6.7	370
4	Deletions, Inversions, Duplications: Engineering of Structural Variants using CRISPR/Cas in Mice. <i>Cell Reports</i> , 2015, 10, 833-839.	6.4	181
5	Polymer physics predicts the effects of structural variants on chromatin architecture. <i>Nature Genetics</i> , 2018, 50, 662-667.	21.4	179
6	Dynamic 3D chromatin architecture contributes to enhancer specificity and limb morphogenesis. <i>Nature Genetics</i> , 2018, 50, 1463-1473.	21.4	147
7	Composition and dosage of a multipartite enhancer cluster control developmental expression of <i>lh</i> (Indian hedgehog). <i>Nature Genetics</i> , 2017, 49, 1539-1545.	21.4	107
8	A MicroRNA (<i>mmu-miR-124</i>) Prevents <i>Sox9</i> Expression in Developing Mouse Ovarian Cells ¹ . <i>Biology of Reproduction</i> , 2013, 89, 78.	2.7	53
9	Exome sequencing and CRISPR/Cas genome editing identify mutations of <i>ZAK</i> as a cause of limb defects in humans and mice. <i>Genome Research</i> , 2016, 26, 183-191.	5.5	52
10	Order and disorder: abnormal 3D chromatin organization in human disease. <i>Briefings in Functional Genomics</i> , 2020, 19, 128-138.	2.7	44
11	The mole genome reveals regulatory rearrangements associated with adaptive intersexuality. <i>Science</i> , 2020, 370, 208-214.	12.6	41
12	Identification of Live Germ-Cell Desquamation as a Major Mechanism of Seasonal Testis Regression in Mammals: A Study in the Iberian Mole (<i>Talpa occidentalis</i>) ¹ . <i>Biology of Reproduction</i> , 2013, 88, 101.	2.7	37
13	In vivo dissection of a clustered-CTCF domain boundary reveals developmental principles of regulatory insulation. <i>Nature Genetics</i> , 2022, 54, 1026-1036.	21.4	34
14	Unraveling the transcriptional regulation of <i>TWIST1</i> in limb development. <i>PLoS Genetics</i> , 2018, 14, e1007738.	3.5	30
15	The spatio-temporal pattern of testis organogenesis in mammals - insights from the mole. <i>International Journal of Developmental Biology</i> , 2009, 53, 1035-1044.	0.6	19
16	Expression of Genes Controlling Testicular Development in Adult Testis of the Seasonally Breeding Iberian Mole. <i>Sexual Development</i> , 2011, 5, 77-88.	2.0	16
17	First genome-wide CNV mapping in <i>FELIS CATUS</i> using next generation sequencing data. <i>BMC Genomics</i> , 2018, 19, 895.	2.8	16
18	Meiosis Onset Is Postponed to Postnatal Stages during Ototestis Development in Female Moles. <i>Sexual Development</i> , 2007, 1, 66-76.	2.0	13

#	ARTICLE	IF	CITATIONS
19	GOPHER: Generator Of Probes for capture Hi-C Experiments at high Resolution. BMC Genomics, 2019, 20, 40.	2.8	10
20	SOX9 is not required for the cellular events of testicular organogenesis in XX mole ovotestes. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2009, 312B, 734-748.	1.3	9
21	Pattern and Density of Vascularization in Mammalian Testes, Ovaries, and Ovotestes. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2012, 318, 170-181.	1.3	9
22	A (3D-Nuclear) Space Odyssey: Making Sense of Hi-C Maps. Genes, 2019, 10, 415.	2.4	9
23	Morphology and ultrastructure of the chorioallantoic placenta of the Iberian mole (<i>Talpa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 barrier. Journal of Anatomy, 2012, 221, 164-173.	1.5	8
24	Positive and negative unintended human-induced effects on Iberian mole abundance at the edge of its distribution area. Mammalian Biology, 2013, 78, 276-282.	1.5	3
25	Cell adhesion and immune response, two main functions altered in the transcriptome of seasonally regressed testes of two mammalian species. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2023, 340, 231-244.	1.3	1