# DarÃ-o G LupiÃ¡Ã±ez

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 25 papers | 3,633 citations | 567281 15 h-index | 610901 24 g-index |
| 28 all docs | 28 docs citations | 28 times ranked | 5702 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | In vivo dissection of a clustered-CTCF domain boundary reveals developmental principles of regulatory insulation. Nature Genetics, 2022, 54, 1026-1036. | 21.4 | 34 |
| 3 | The mole genome reveals regulatory rearrangements associated with adaptive intersexuality. Science, 2020, 370, 208-214. | 12.6 | 41 |
| 4 | Order and disorder: abnormal 3D chromatin organization in human disease. Briefings in Functional Genomics, 2020, 19, 128-138. | 2.7 | 44 |
| 5 | A (3D-Nuclear) Space Odyssey: Making Sense of Hi-C Maps. Genes, 2019, 10, 415. | 2.4 | 9 |
| 6 | GOPHER: Generator Of Probes for capture Hi-C Experiments at high Resolution. BMC Genomics, 2019, 20, 40. | 2.8 | 10 |
| 7 | Structural variation in the 3D genome. Nature Reviews Genetics, 2018, 19, 453-467. | 16.3 | 508 |
| 8 | Polymer physics predicts the effects of structural variants on chromatin architecture. Nature Genetics, 2018, 50, 662-667. | 21.4 | 179 |
| 9 | First genome-wide CNV mapping in FELIS CATUS using next generation sequencing data. BMC Genomics, 2018, 19, 895. | 2.8 | 16 |
| 10 | Dynamic 3D chromatin architecture contributes to enhancer specificity and limb morphogenesis. Nature Genetics, 2018, 50, 1463-1473. | 21.4 | 147 |
| 11 | Unraveling the transcriptional regulation of TWIST1 in limb development. PLoS Genetics, 2018, 14, e1007738. | 3.5 | 30 |
| 12 | Composition and dosage of a multipartite enhancer cluster control developmental expression of Ihh (Indian hedgehog). Nature Genetics, 2017, 49, 1539-1545. | 21.4 | 107 |
| 13 | Breaking TADs: How Alterations of Chromatin Domains Result in Disease. Trends in Genetics, 2016, 32, 225-237. | 6.7 | 370 |
| 14 | Exome sequencing and CRISPR/Cas genome editing identify mutations of ZAK as a cause of limb defects in humans and mice. Genome Research, 2016, 26, 183-191. | 5.5 | 52 |
| 15 | Deletions, Inversions, Duplications: Engineering of Structural Variants using CRISPR/Cas in Mice. Cell Reports, 2015, 10, 833-839. | 6.4 | 181 |
| 16 | Disruptions of Topological Chromatin Domains Cause Pathogenic Rewiring of Gene-Enhancer Interactions. Cell, 2015, 161, 1012-1025. | 28.9 | 1,725 |
| 17 | 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 |
| 18 | Identification of Live Germ-Cell Desquamation as a Major Mechanism of Seasonal Testis Regression in Mammals: A Study in the Iberian Mole (Talpa occidentalis)1. Biology of Reproduction, 2013, 88, 101. | 2.7 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A MicroRNA (mmu-miR-124) Prevents Sox9 Expression in Developing Mouse Ovarian Cells1. Biology of Reproduction, 2013, 89, 78. | 2.7 | 53 |
| 20 | Morphology and ultrastructure of the chorioallantoic placenta of the Iberian mole (<i>Talpa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T barrier. Journal of Anatomy, 2012, 221, 164-173. | 1.5 | 8 |
| 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 | Expression of Genes Controlling Testicular Development in Adult Testis of the Seasonally Breeding Iberian Mole. Sexual Development, 2011, 5, 77-88. | 2.0 | 16 |
| 23 | 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 |
| 24 | The spatio-temporal pattern of testis organogenesis in mammals - insights from the mole. International Journal of Developmental Biology, 2009, 53, 1035-1044. | 0.6 | 19 |
| 25 | Meiosis Onset Is Postponed to Postnatal Stages during Ovotestis Development in Female Moles. Sexual Development, 2007, 1, 66-76. | 2.0 | 13 |