# David U Gorkin

List of Publications by Year
in descending order



| 29 | 6,827 | 236925 25 | 434195 31 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 43 | 43 | 43 | 11831 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Expanded encyclopaedias of DNA elements in the human and mouse genomes. Nature, 2020, 583, 699-710. | 27.8 | 1,252 |
| 2 | CRISPR Inversion of CTCF Sites Alters Genome Topology and Enhancer/Promoter Function. Cell, 2015, 162, 900-910. | 28.9 | 846 |
| 3 | Chromatin Domains: The Unit of Chromosome Organization. Molecular Cell, 2016, 62, 668-680. | 9.7 | 653 |
| 4 | Multi-platform discovery of haplotype-resolved structural variation in human genomes. Nature Communications, 2019, 10, 1784. | 12.8 | 636 |
| 5 | A method to predict the impact of regulatory variants from DNA sequence. Nature Genetics, 2015, 47, 955-961. | 21.4 | 416 |
| 6 | The 3D Genome in Transcriptional Regulation and Pluripotency. Cell Stem Cell, 2014, 14, 762-775. | 11.1 | 353 |
| 7 | Single-nucleus analysis of accessible chromatin in developing mouse forebrain reveals cell-type-specific transcriptional regulation. Nature Neuroscience, 2018, 21, 432-439. | 14.8 | 290 |
| 8 | An atlas of dynamic chromatin landscapes in mouse fetal development. Nature, 2020, 583, 744-751. | 27.8 | 257 |
| 9 | Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572. | 21.4 | 250 |
| 10 | N-methyladenine DNA Modification in Glioblastoma. Cell, 2018, 175, 1228-1243.e20. | 28.9 | 236 |
| 11 | A Polymorphism in IRF4 Affects Human Pigmentation through a Tyrosinase-Dependent MITF/TFAP2A Pathway. Cell, 2013, 155, 1022-1033. | 28.9 | 184 |
| 12 | Promoter-proximal CTCF binding promotes distal enhancer-dependent gene activation. Nature Structural and Molecular Biology, 2021, 28, 152-161. | 8.2 | 172 |
| 13 | Interpreting type 1 diabetes risk with genetics and single-cell epigenomics. Nature, 2021, 594, 398-402. | 27.8 | 170 |
| 14 | Perspectives on ENCODE. Nature, 2020, 583, 693-698. | 27.8 | 123 |
| 15 | Single-cell chromatin accessibility identifies pancreatic islet cell typeâ€“ and state-specific regulatory programs of diabetes risk. Nature Genetics, 2021, 53, 455-466. | 21.4 | 100 |
| 16 | An atlas of gene regulatory elements in adult mouse cerebrum. Nature, 2021, 598, 129-136. | 27.8 | 95 |
| 17 | Spatiotemporal DNA methylome dynamics of the developing mouse fetus. Nature, 2020, 583, 752-759. | 27.8 | 84 |
| 18 | Genome-wide compendium and functional assessment of in vivo heart enhancers. Nature Communications, 2016, 7, 12923. | 12.8 | 83 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Pancreatic islet chromatin accessibility and conformation reveals distal enhancer networks of type 2 diabetes risk. Nature Communications, 2019, 10, 2078. | 12.8 | 82 |
| 20 | Improved regulatory element prediction based on tissue-specific local epigenomic signatures. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1633-E1640. | 7.1 | 78 |
| 21 | Common DNA sequence variation influences 3-dimensional conformation of the human genome. Genome Biology, 2019, 20, 255. | 8.8 | 65 |
| 22 | Integration of ChIP-seq and machine learning reveals enhancers and a predictive regulatory sequence vocabulary in melanocytes. Genome Research, 2012, 22, 2290-2301. | 5.5 | 64 |
| 23 | SOX10 directly modulates ERBB3 transcription via an intronic neural crest enhancer. BMC Developmental Biology, 2011, 11, 40. | 2.1 | 51 |
| 24 | Knock in of the AKT1 E17K mutation in human breast epithelial cells does not recapitulate oncogenic PIK3CA mutations. Oncogene, 2010, 29, 2337-2345. | 5.9 | 50 |
| 25 | Genomic analysis reveals distinct mechanisms and functional classes of SOX10-regulated genes in melanocytes. Human Molecular Genetics, 2015, 24, 5433-5450. | 2.9 | 34 |
| 26 | Oligodendroglial and panâ€neural crest expression of Cre recombinase directed by Sox10 enhancer. Genesis, 2009, 47, 765-770. | 1.6 | 21 |
| 27 | Coding and noncoding variants in EBF3 are involved in HADDS and simplex autism. Human Genomics, 2021, 15, 44. | 2.9 | 16 |
| 28 | Closing the distance on obesity culprits. Nature, 2014, 507, 309-310. | 27.8 | 11 |
| 29 | Rapid changes in chromatin structure during dedifferentiation of primary hepatocytes in vitro. Genomics, 2022, 114, 110330. | 2.9 | 4 |