Yaniv Lubling

List of Publications by Year in descending order

18 papers	6,435 citations	471509 17 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	10697 citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell Hi-C reveals cell-to-cell variability in chromosome structure. Nature, 2013, 502, 59-64.	27.8	1,347
2	Multiscale 3D Genome Rewiring during Mouse Neural Development. Cell, 2017, 171, 557-572.e24.	28.9	1,060
3	Integrative Analysis of the Caenorhabditis elegans Genome by the modENCODE Project. Science, 2010, 330, 1775-1787.	12.6	912
4	Dysfunctional CD8 T Cells Form a Proliferative, Dynamically Regulated Compartment within Human Melanoma. Cell, 2019, 176, 775-789.e18.	28.9	760
5	Cell-cycle dynamics of chromosomal organization at single-cell resolution. Nature, 2017, 547, 61-67.	27.8	636
6	Distinct Modes of Regulation by Chromatin Encoded through Nucleosome Positioning Signals. PLoS Computational Biology, 2008, 4, e1000216.	3.2	393
7	Single-cell characterization of haematopoietic progenitors and their trajectories in homeostasis and perturbed haematopoiesis. Nature Cell Biology, 2018, 20, 836-846.	10.3	267
8	MetaCell: analysis of single-cell RNA-seq data using K-nn graph partitions. Genome Biology, 2019, 20, 206.	8.8	218
9	Single-cell Hi-C for genome-wide detection of chromatin interactions that occur simultaneously in a single cell. Nature Protocols, 2015, 10, 1986-2003.	12.0	135
10	Gene expression divergence in yeast is coupled to evolution of DNA-encoded nucleosome organization. Nature Genetics, 2009, 41, 438-445.	21.4	132
11	Capturing pairwise and multi-way chromosomal conformations using chromosomal walks. Nature, 2016, 540, 296-300.	27.8	128
12	An integrated open framework for thermodynamics of reactions that combines accuracy and coverage. Bioinformatics, 2012, 28, 2037-2044.	4.1	108
13	p53 binds preferentially to genomic regions with high DNA-encoded nucleosome occupancy. Genome Research, 2010, 20, 1361-1368.	5.5	86
14	UMI-4C for quantitative and targeted chromosomal contact profiling. Nature Methods, 2016, 13, 685-691.	19.0	78
15	Compensation for differences in gene copy number among yeast ribosomal proteins is encoded within their promoters. Genome Research, 2011, 21, 2114-2128.	5.5	51
16	Nucleosome maps of the human cytomegalovirus genome reveal a temporal switch in chromatin organization linked to a major IE protein. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13126-13131.	7.1	43
17	High nucleosome occupancy is encoded at X-linked gene promoters in C. elegans. Genome Research, 2011, 21, 237-244.	5.5	35
18	Single-cell analysis of regions of interest (SCARI) using a photosensitive tag. Nature Chemical Biology, 2021, 17, 1139-1147.	8.0	13