Lars Velten

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2985674/publications.pdf

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11	2,420	933264 10	1281743 11
papers	citations	h-index	g-index

20	20	20	4933
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human haematopoietic stem cell lineage commitment is a continuous process. Nature Cell Biology, 2017, 19, 271-281.	4.6	709
2	Combined single-cell and spatial transcriptomics reveal the molecular, cellular and spatial bone marrow niche organization. Nature Cell Biology, 2020, 22, 38-48.	4.6	521
3	Inflammation-Induced Emergency Megakaryopoiesis Driven by Hematopoietic Stem Cell-like Megakaryocyte Progenitors. Cell Stem Cell, 2015, 17, 422-434.	5.2	353
4	Deciphering the rules by which 5â€²-UTR sequences affect protein expression in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2792-801.	3.3	231
5	Targeted Perturb-seq enables genome-scale genetic screens in single cells. Nature Methods, 2020, 17, 629-635.	9.0	139
6	Large-Scale Low-Cost NGS Library Preparation Using a Robust Tn5 Purification and Tagmentation Protocol. G3: Genes, Genomes, Genetics, 2018, 8, 79-89.	0.8	124
7	Decline in IGF1 in the bone marrow microenvironment initiates hematopoietic stem cell aging. Cell Stem Cell, 2021, 28, 1473-1482.e7.	5.2	87
8	Single-cell proteo-genomic reference maps of the hematopoietic system enable the purification and massive profiling of precisely defined cell states. Nature Immunology, 2021, 22, 1577-1589.	7.0	76
9	Identification of leukemic and pre-leukemic stem cells by clonal tracking from single-cell transcriptomics. Nature Communications, 2021, 12, 1366.	5.8	69
10	Singleâ€cell polyadenylation site mapping reveals 3â€² isoform choice variability. Molecular Systems Biology, 2015, 11, 812.	3.2	52
11	Singleâ€cell RNA sequencing of motoneurons identifies regulators of synaptic wiring in Drosophila embryos. Molecular Systems Biology, 2022, 18, e10255.	3.2	11