

# Lars Velten

## List of Publications by Year in descending order

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

Version: 2024-02-01

11  
papers

2,420  
citations

933447

10  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

4933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell RNA sequencing of motoneurons identifies regulators of synaptic wiring in <i>Drosophila</i> embryos. <i>Molecular Systems Biology</i> , 2022, 18, e10255.	7.2	11
2	Identification of leukemic and pre-leukemic stem cells by clonal tracking from single-cell transcriptomics. <i>Nature Communications</i> , 2021, 12, 1366.	12.8	69
3	Decline in IGF1 in the bone marrow microenvironment initiates hematopoietic stem cell aging. <i>Cell Stem Cell</i> , 2021, 28, 1473-1482.e7.	11.1	87
4	Single-cell proteo-genomic reference maps of the hematopoietic system enable the purification and massive profiling of precisely defined cell states. <i>Nature Immunology</i> , 2021, 22, 1577-1589.	14.5	76
5	Combined single-cell and spatial transcriptomics reveal the molecular, cellular and spatial bone marrow niche organization. <i>Nature Cell Biology</i> , 2020, 22, 38-48.	10.3	521
6	Targeted Perturb-seq enables genome-scale genetic screens in single cells. <i>Nature Methods</i> , 2020, 17, 629-635.	19.0	139
7	Large-Scale Low-Cost NGS Library Preparation Using a Robust Tn5 Purification and Tagmentation Protocol. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 79-89.	1.8	124
8	Human haematopoietic stem cell lineage commitment is a continuous process. <i>Nature Cell Biology</i> , 2017, 19, 271-281.	10.3	709
9	Single-cell polyadenylation site mapping reveals $3'$ isoform choice variability. <i>Molecular Systems Biology</i> , 2015, 11, 812.	7.2	52
10	Inflammation-Induced Emergency Megakaryopoiesis Driven by Hematopoietic Stem Cell-like Megakaryocyte Progenitors. <i>Cell Stem Cell</i> , 2015, 17, 422-434.	11.1	353
11	Deciphering the rules by which $5'$ -UTR sequences affect protein expression in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2792-801.	7.1	231