

# Zhijun Duan

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,835  
citations

394421

19  
h-index

552781

26  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lamin B1 deletion in myeloid neoplasms causes nuclear anomaly and altered hematopoietic stem cell function. <i>Cell Stem Cell</i> , 2022, 29, 577-592.e8.	11.1	13
2	Single-cell landscape of nuclear configuration and gene expression during stem cell differentiation and X inactivation. <i>Genome Biology</i> , 2021, 22, 279.	8.8	11
3	Targeted DNase Hi-C. <i>Methods in Molecular Biology</i> , 2021, 2157, 65-83.	0.9	3
4	Sci-Hi-C: A single-cell Hi-C method for mapping 3D genome organization in large number of single cells. <i>Methods</i> , 2020, 170, 61-68.	3.8	53
5	Capturing cell type-specific chromatin compartment patterns by applying topic modeling to single-cell Hi-C data. <i>PLoS Computational Biology</i> , 2020, 16, e1008173.	3.2	59
6	Trans- and cis-acting effects of Firre on epigenetic features of the inactive X chromosome. <i>Nature Communications</i> , 2020, 11, 6053.	12.8	33
7	Unsupervised manifold alignment for single-cell multi-omics data. , 2020, 2020, 1-10.		33
8	Understanding the 3D genome: Emerging impacts on human disease. <i>Seminars in Cell and Developmental Biology</i> , 2019, 90, 62-77.	5.0	55
9	Replication Timing Becomes Intertwined with 3D Genome Organization. <i>Cell</i> , 2019, 176, 681-684.	28.9	9
10	Orientation-dependent Dxz4 contacts shape the 3D structure of the inactive X chromosome. <i>Nature Communications</i> , 2018, 9, 1445.	12.8	63
11	Using DNase Hi-C techniques to map global and local three-dimensional genome architecture at high resolution. <i>Methods</i> , 2018, 142, 59-73.	3.8	20
12	Massively multiplex single-cell Hi-C. <i>Nature Methods</i> , 2017, 14, 263-266.	19.0	441
13	Form and function of topologically associating genomic domains in budding yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3061-E3070.	7.1	67
14	Mapping 3D genome architecture through in situ DNase Hi-C. <i>Nature Protocols</i> , 2016, 11, 2104-2121.	12.0	106
15	Understanding Spatial Genome Organization: Methods and Insights. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 7-20.	6.9	54
16	Bipartite structure of the inactive mouse X chromosome. <i>Genome Biology</i> , 2015, 16, 152.	8.8	211
17	Fine-scale chromatin interaction maps reveal the cis-regulatory landscape of human lincRNA genes. <i>Nature Methods</i> , 2015, 12, 71-78.	19.0	177
18	A genome-wide 3C-method for characterizing the three-dimensional architectures of genomes. <i>Methods</i> , 2012, 58, 277-288.	3.8	31

#	ARTICLE	IF	CITATIONS
19	The genome in space and time: Does form always follow function?. <i>BioEssays</i> , 2012, 34, 800-810.	2.5	20
20	A three-dimensional model of the yeast genome. <i>Nature</i> , 2010, 465, 363-367.	27.8	894
21	Epigenetic Regulation of Protein-Coding and MicroRNA Genes by the Gfi1-Interacting Tumor Suppressor PRDM5. <i>Molecular and Cellular Biology</i> , 2007, 27, 6889-6902.	2.3	79
22	Neutropenia-Associated Mutations in PRDM5, a Novel Epigenetic Regulator of Hematopoiesis.. <i>Blood</i> , 2006, 108, 503-503.	1.4	1
23	A 17q25.3 Duplication Defines a New Dosage-Sensitive Congenital Neutropenia Locus and Implicates SOCS3 as a Candidate Gene for Cases Unexplained by ELA2 Mutation.. <i>Blood</i> , 2006, 108, 1277-1277.	1.4	0
24	Gfi1 Coordinates Epigenetic Repression of <i>p21<sup>Cip/WAF1</sup></i> by Recruitment of Histone Lysine Methyltransferase G9a and Histone Deacetylase 1. <i>Molecular and Cellular Biology</i> , 2005, 25, 10338-10351.	2.3	157
25	Gfi-1 takes center stage in hematopoietic stem cells. <i>Trends in Molecular Medicine</i> , 2005, 11, 49-52.	6.7	30
26	A Novel Notch Protein, N2N, Targeted by Neutrophil Elastase and Implicated in Hereditary Neutropenia. <i>Molecular and Cellular Biology</i> , 2004, 24, 58-70.	2.3	57
27	Targets of the transcriptional repressor oncoprotein Gfi-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5932-5937.	7.1	93
28	Gfi-1 Oncoproteins in Hematopoiesis. <i>Hematology</i> , 2003, 8, 339-344.	1.5	41
29	Massively multiplex single-cell Hi-C by combinatorial indexing. <i>Protocol Exchange</i> , 0, , .	0.3	2