Yu Zhang

List of Publications by Year
in descending order

19 papers	2,832 citations	361413 20 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	3640 citing authors

#	Article	IF	Citations
1	The role of chromatin loop extrusion in antibody diversification. Nature Reviews Immunology, 2022, 22, 550-566.	22.7	50
2	Fundamental roles of chromatin loop extrusion in antibody class switching. Nature, 2019, 575, 385-389.	27.8	105
3	The fundamental role of chromatin loop extrusion in physiological V(D)J recombination. Nature, 2019, 573, 600-604.	27.8	126
4	RAG Chromatin Scanning During V(D)J Recombination and Chromatin Loop Extrusion are Related Processes. Advances in Immunology, 2018, 139, 93-135.	2.2	50
5	CTCF-Binding Elements Mediate Accessibility of RAG Substrates During Chromatin Scanning. Cell, 2018, 174, 102-116.e14.	28.9	100
6	Highly sensitive and unbiased approach for elucidating antibody repertoires. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7846-7851.	7.1	77
7	CTCF-binding elements 1 and 2 in the Igh intergenic control region cooperatively regulate V(D)J recombination. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1815-1820.	7.1	61
8	Chromosomal Loop Domains Direct the Recombination of Antigen Receptor Genes. Cell, 2015, 163, 947-959.	28.9	140
9	Orientation-specific joining of AID-initiated DNA breaks promotes antibody class switching. Nature, 2015, 525, 134-139.	27.8	93
10	Migrating bubble during break-induced replication drives conservative DNA synthesis. Nature, 2013, 502, 389-392.	27.8	277
11	Mechanisms of Programmed DNA Lesions and Genomic Instability in the Immune System. Cell, 2013, 152, 417-429.	28.9	407
12	Fragile DNA Motifs Trigger Mutagenesis at Distant Chromosomal Loci in Saccharomyces cerevisiae. PLoS Genetics, 2013, 9, e1003551.	3.5	28
13	A Reversible Histone H3 Acetylation Cooperates with Mismatch Repair and Replicative Polymerases in Maintaining Genome Stability. PLoS Genetics, 2013, 9, e1003899.	3.5	45
14	Genome-Wide Screen Reveals Replication Pathway for Quasi-Palindrome Fragility Dependent on Homologous Recombination. PLoS Genetics, 2013, 9, e1003979.	3.5	31
15	Localized epigenetic changes induced by DH recombination restricts recombinase to DJH junctions. Nature Immunology, 2012, 13, 1205-1212.	14.5	42
16	Genome-wide Screen Identifies Pathways that Govern GAA/TTC Repeat Fragility and Expansions in Dividing and Nondividing Yeast Cells. Molecular Cell, 2012, 48, 254-265.	9.7	58
17	Spatial Organization of the Mouse Genome and Its Role in Recurrent Chromosomal Translocations. Cell, 2012, 148, 908-921.	28.9	489
18	Genome-wide Translocation Sequencing Reveals Mechanisms of Chromosome Breaks and Rearrangements in B Cells. Cell, 2011, 147, 107-119.	28.9	411

#	Article	IF	Citations
19	ATM damage response and XLF repair factor are functionally redundant in joining DNA breaks. Nature, 2011, 469, 250-254.	27.8	184