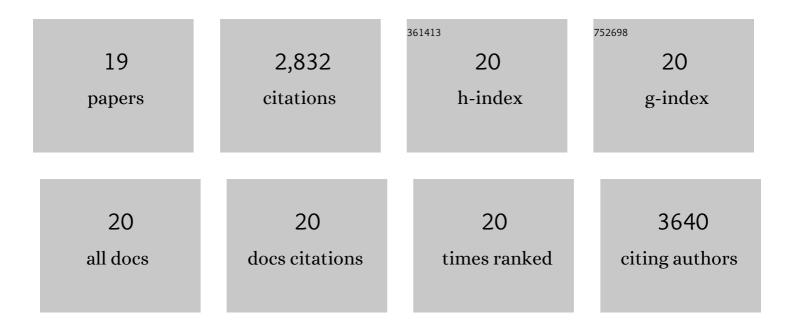
Yu Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2934527/publications.pdf Version: 2024-02-01



ΥΠ ΖΗΛΝΟ

#	Article	IF	CITATIONS
1	Spatial Organization of the Mouse Genome and Its Role in Recurrent Chromosomal Translocations. Cell, 2012, 148, 908-921.	28.9	489
2	Genome-wide Translocation Sequencing Reveals Mechanisms of Chromosome Breaks and Rearrangements in B Cells. Cell, 2011, 147, 107-119.	28.9	411
3	Mechanisms of Programmed DNA Lesions and Genomic Instability in the Immune System. Cell, 2013, 152, 417-429.	28.9	407
4	Migrating bubble during break-induced replication drives conservative DNA synthesis. Nature, 2013, 502, 389-392.	27.8	277
5	ATM damage response and XLF repair factor are functionally redundant in joining DNA breaks. Nature, 2011, 469, 250-254.	27.8	184
6	Chromosomal Loop Domains Direct the Recombination of Antigen Receptor Genes. Cell, 2015, 163, 947-959.	28.9	140
7	The fundamental role of chromatin loop extrusion in physiological V(D)J recombination. Nature, 2019, 573, 600-604.	27.8	126
8	Fundamental roles of chromatin loop extrusion in antibody class switching. Nature, 2019, 575, 385-389.	27.8	105
9	CTCF-Binding Elements Mediate Accessibility of RAG Substrates During Chromatin Scanning. Cell, 2018, 174, 102-116.e14.	28.9	100
10	Orientation-specific joining of AID-initiated DNA breaks promotes antibody class switching. Nature, 2015, 525, 134-139.	27.8	93
11	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
12	CTCF-binding elements 1 and 2 in the <i>Igh</i> 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
13	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
14	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
15	The role of chromatin loop extrusion in antibody diversification. Nature Reviews Immunology, 2022, 22, 550-566.	22.7	50
16	A Reversible Histone H3 Acetylation Cooperates with Mismatch Repair and Replicative Polymerases in Maintaining Genome Stability. PLoS Genetics, 2013, 9, e1003899.	3.5	45
17	Localized epigenetic changes induced by DH recombination restricts recombinase to DJH junctions. Nature Immunology, 2012, 13, 1205-1212.	14.5	42
18	Genome-Wide Screen Reveals Replication Pathway for Quasi-Palindrome Fragility Dependent on Homologous Recombination. PLoS Genetics, 2013, 9, e1003979.	3.5	31

#	Article	IF	CITATIONS
19	Fragile DNA Motifs Trigger Mutagenesis at Distant Chromosomal Loci in Saccharomyces cerevisiae. PLoS Genetics, 2013, 9, e1003551.	3.5	28