Fei-Long Meng

List of Publications by Year
in descending order

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49 papers	2,567 citations	304743 22 h-index	243625 44 g-index
53 all docs	53 docs citations	53 times ranked	3968 citing authors

#	Article	IF	Citations
1	Mechanisms of Programmed DNA Lesions and Genomic Instability in the Immune System. Cell, 2013, 152, 417-429.	28.9	407
2	The RNA Exosome Targets the AID Cytidine Deaminase to Both Strands of Transcribed Duplex DNA Substrates. Cell, 2011, 144, 353-363.	28.9	275
3	Convergent Transcription at Intragenic Super-Enhancers Targets AID-Initiated Genomic Instability. Cell, 2014, 159, 1538-1548.	28.9	221
4	Chromosomal Loop Domains Direct the Recombination of Antigen Receptor Genes. Cell, 2015, 163, 947-959.	28.9	140
5	Sequence-Intrinsic Mechanisms that Target AID Mutational Outcomes on Antibody Genes. Cell, 2015, 163, 1124-1137.	28.9	136
6	AID Recognizes Structured DNA for Class Switch Recombination. Molecular Cell, 2017, 67, 361-373.e4.	9.7	136
7	Tild-CRISPR Allows for Efficient and Precise Gene Knockin in Mouse and Human Cells. Developmental Cell, 2018, 45, 526-536.e5.	7.0	123
8	Transcriptional landscape of the human cell cycle. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3473-3478.	7.1	110
9	Phosphatidylinositol 3-kinase Î´ blockade increases genomic instability in B cells. Nature, 2017, 542, 489-493.	27.8	105
10	Pooled CRISPR screening identifies m ⁶ A as a positive regulator of macrophage activation. Science Advances, 2021, 7, .	10.3	102
11	Orientation-specific joining of AID-initiated DNA breaks promotes antibody class switching. Nature, 2015, 525, 134-139.	27.8	93
12	The mTORâ€“S6K pathway links growth signalling to DNA damage response by targeting RNF168. Nature Cell Biology, 2018, 20, 320-331.	10.3	86
13	Saccharomyces cerevisiae Est3p dimerizes in vitro and dimerization contributes to efficient telomere replication in vivo. Nucleic Acids Research, 2006, 34, 407-416.	14.5	65
14	Telomerase-Null Survivor Screening Identifies Novel Telomere Recombination Regulators. PLoS Genetics, 2013, 9, e1003208.	3.5	52
15	Global detection of DNA repair outcomes induced by CRISPRâ€“Cas9. Nucleic Acids Research, 2021, 49, 8732-8742.	14.5	52
16	CandidaÂalbicans, a distinctive fungal model for cellular aging study. Aging Cell, 2008, 7, 746-757.	6.7	42
17	ERCC6L2 promotes DNA orientation-specific recombination in mammalian cells. Cell Research, 2020, 30, 732-744.	12.0	41
18	Sua5p a single-stranded telomeric DNA-binding protein facilitates telomere replication. EMBO Journal, 2009, 28, 1466-1478.	7.8	34

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19	SWR1 Complex Poises Heterochromatin Boundaries for Antisilencing Activity Propagation. Molecular and Cellular Biology, 2010, 30, 2391-2400.	2.3	34
20	Genome-wide mutational signatures revealed distinct developmental paths for human B cell lymphomas. Journal of Experimental Medicine, 2021, 218, .	8.5	29
21	Intrinsic Nucleotide Preference of Diversifying Base Editors Guides Antibody ExÂVivo Affinity Maturation. Cell Reports, 2018, 25, 884-892.e3.	6.4	28
22	Cis- and trans-factors affecting AID targeting and mutagenic outcomes in antibody diversification. Advances in Immunology, 2019, 141, 51-103.	2.2	26
23	AMPK-mediated phosphorylation on 53BP1 promotes c-NHEJ. Cell Reports, 2021, 34, 108713.	6.4	23
24	Telomere Recombination Accelerates Cellular Aging in Saccharomyces cerevisiae. PLoS Genetics, 2009, 5, e1000535.	3.5	17
25	A systematic dissection of the epigenomic heterogeneity of lung adenocarcinoma reveals two different subclasses with distinct prognosis and core regulatory networks. Genome Biology, 2021, 22, 156.	8.8	17
26	Uncovering a conserved vulnerability site in SARSâ€CoVâ€2 by a human antibody. EMBO Molecular Medicine, 2021, 13, e14544.	6.9	17
27	Genome integrity and neurogenesis of postnatal hippocampal neural stem/progenitor cells require a unique regulator Filia. Science Advances, 2020, 6, .	10.3	14
28	Sua5p is required for telomere recombination in Saccharomyces cerevisiae. Cell Research, 2010, 20, 495-498.	12.0	13
29	The 3â€²-flap endonuclease XPF-ERCC1 promotes alternative end joining and chromosomal translocation during B cell class switching. Cell Reports, 2021, 36, 109756.	6.4	13
30	The development of neutralizing antibodies against SARS-CoV-2 and their common features. Journal of Molecular Cell Biology, 2021, 12, 980-986.	3.3	13
31	Ig Enhancers Increase RNA Polymerase II Stalling at Somatic Hypermutation Target Sequences. Journal of Immunology, 2022, 208, 143-154.	0.8	13
32	Parp3 promotes long-range end joining in murine cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10076-10081.	7.1	11
33	Generation of Genomic Alteration from Cytidine Deamination. Advances in Experimental Medicine and Biology, 2018, 1044, 49-64.	1.6	11
34	REV7 is required for processing AID initiated DNA lesions in activated B cells. Nature Communications, 2020, 11, 2812.	12.8	9
35	Targeting HSPA1A in ARID2-deficient lung adenocarcinoma. National Science Review, 2021, 8, nwab014.	9.5	9
36	Telomere Recombination Preferentially Occurs at Short Telomeres in Telomerase-Null Type II Survivors. PLoS ONE, 2014, 9, e90644.	2.5	8

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37	Swc4 positively regulates telomere length independently of its roles in NuA4 and SWR1 complexes. Nucleic Acids Research, 2020, 48, 12792-12803.	14.5	8
38	UdgX-Mediated Uracil Sequencing at Single-Nucleotide Resolution. Journal of the American Chemical Society, 2022, 144, 1323-1331.	13.7	8
39	B cell receptor signatures associated with strong and poor SARS-CoV-2 vaccine responses. Emerging Microbes and Infections, 2022, 11, 452-464.	6.5	8
40	Câ€terminal deletionâ€induced condensation sequesters AID from IgH targets in immunodeficiency. EMBO Journal, 2022, 41, e109324.	7.8	5
41	A Rapid Embryonic Stem Cellâ€“Based Mouse Model for B-cell Lymphomas Driven by Epsteinâ€“Barr Virus Protein LMP1. Cancer Immunology Research, 2015, 3, 641-649.	3.4	3
42	Repair of programmed DNA lesions in antibody class switch recombination: common and unique features. Genome Instability & Disease, 2021, 2, 115-125.	1.1	3
43	New Chromatin Run-On Reaction Enables Global Mapping of Active RNA Polymerase Locations in an Enrichment-free Manner. ACS Chemical Biology, 2022, 17, 768-775.	3.4	3
44	PI3Kdelta Inhibitors Increase Genomic Instability By Upregulating Aid Expression. Blood, 2015, 126, 164-164.	1.4	1
45	Evaluation of a Novel Missense Activation-Induced Deaminase AID Mutation in a Child with Hyper IgM Syndrome: Is it a Pathogenic Mutation?. Journal of Allergy and Clinical Immunology, 2014, 133, AB70.	2.9	0
46	The Mechanism of IgH Class Switch Recombination. , 2015, , 345-362.		0
47	Abstract A174: Mechanistic elucidation of activation-induced deaminase (AID) in immunity and cancer. , 2016, , .		0
48	Abstract A180: Topologically associated domains genome-wide restrict the off-target activity of recombination activating gene 1/2 endonuclease. , 2016, , .		0
49	AMPK-Mediated Phosphorylation on 53BP1 Promotes NHEJ. SSRN Electronic Journal, 0, , .	0.4	0