Fei-Long Meng

List of Publications by Year
in descending order

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49 papers	2,567 citations	304368 22 h-index	243296 44 g-index
53 all docs	53 docs citations	53 times ranked	3968 citing authors

#	Article	IF	Citations
1	UdgX-Mediated Uracil Sequencing at Single-Nucleotide Resolution. Journal of the American Chemical Society, 2022, 144, 1323-1331.	6.6	8
2	B cell receptor signatures associated with strong and poor SARS-CoV-2 vaccine responses. Emerging Microbes and Infections, 2022, 11, 452-464.	3.0	8
3	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.	1.6	3
4	Ig Enhancers Increase RNA Polymerase II Stalling at Somatic Hypermutation Target Sequences. Journal of Immunology, 2022, 208, 143-154.	0.4	13
5	Câ€terminal deletionâ€induced condensation sequesters AID from IgH targets in immunodeficiency. EMBO Journal, 2022, 41, e109324.	3.5	5
6	AMPK-mediated phosphorylation on 53BP1 promotes c-NHEJ. Cell Reports, 2021, 34, 108713.	2.9	23
7	Repair of programmed DNA lesions in antibody class switch recombination: common and unique features. Genome Instability & Disease, 2021, 2, 115-125.	0.5	3
8	Pooled CRISPR screening identifies m ⁶ A as a positive regulator of macrophage activation. Science Advances, 2021, 7, .	4.7	102
9	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.	3.8	17
10	Global detection of DNA repair outcomes induced by CRISPRâ€“Cas9. Nucleic Acids Research, 2021, 49, 8732-8742.	6.5	52
11	The 3â€²-flap endonuclease XPF-ERCC1 promotes alternative end joining and chromosomal translocation during B cell class switching. Cell Reports, 2021, 36, 109756.	2.9	13
12	Targeting HSPA1A in ARID2-deficient lung adenocarcinoma. National Science Review, 2021, 8, nwab014.	4.6	9
13	Genome-wide mutational signatures revealed distinct developmental paths for human B cell lymphomas. Journal of Experimental Medicine, 2021, 218, .	4.2	29
14	The development of neutralizing antibodies against SARS-CoV-2 and their common features. Journal of Molecular Cell Biology, 2021, 12, 980-986.	1.5	13
15	Uncovering a conserved vulnerability site in SARSâ€CoVâ€2 by a human antibody. EMBO Molecular Medicine, 2021, 13, e14544.	3.3	17
16	Genome integrity and neurogenesis of postnatal hippocampal neural stem/progenitor cells require a unique regulator Filia. Science Advances, 2020, 6, .	4.7	14
17	Swc4 positively regulates telomere length independently of its roles in NuA4 and SWR1 complexes. Nucleic Acids Research, 2020, 48, 12792-12803.	6.5	8
18	ERCC6L2 promotes DNA orientation-specific recombination in mammalian cells. Cell Research, 2020, 30, 732-744.	5.7	41

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19	REV7 is required for processing AID initiated DNA lesions in activated B cells. Nature Communications, 2020, 11, 2812.	5.8	9
20	Cis- and trans-factors affecting AID targeting and mutagenic outcomes in antibody diversification. Advances in Immunology, 2019, 141, 51-103.	1.1	26
21	The mTORâ€“S6K pathway links growth signalling to DNA damage response by targeting RNF168. Nature Cell Biology, 2018, 20, 320-331.	4.6	86
22	Intrinsic Nucleotide Preference of Diversifying Base Editors Guides Antibody ExÂVivo Affinity Maturation. Cell Reports, 2018, 25, 884-892.e3.	2.9	28
23	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.	3.3	11
24	Tild-CRISPR Allows for Efficient and Precise Gene Knockin in Mouse and Human Cells. Developmental Cell, 2018, 45, 526-536.e5.	3.1	123
25	Generation of Genomic Alteration from Cytidine Deamination. Advances in Experimental Medicine and Biology, 2018, 1044, 49-64.	0.8	11
26	Phosphatidylinositol 3-kinase Î´ blockade increases genomic instability in B cells. Nature, 2017, 542, 489-493.	13.7	105
27	Transcriptional landscape of the human cell cycle. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3473-3478.	3.3	110
28	AID Recognizes Structured DNA for Class Switch Recombination. Molecular Cell, 2017, 67, 361-373.e4.	4.5	136
29	Abstract A174: Mechanistic elucidation of activation-induced deaminase (AID) in immunity and cancer. , 2016, , .		0
30	Abstract A180: Topologically associated domains genome-wide restrict the off-target activity of recombination activating gene 1/2 endonuclease. , 2016, , .		0
31	The Mechanism of IgH Class Switch Recombination. , 2015, , 345-362.		0
32	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.	1.6	3
33	Chromosomal Loop Domains Direct the Recombination of Antigen Receptor Genes. Cell, 2015, 163, 947-959.	13.5	140
34	Orientation-specific joining of AID-initiated DNA breaks promotes antibody class switching. Nature, 2015, 525, 134-139.	13.7	93
35	Sequence-Intrinsic Mechanisms that Target AID Mutational Outcomes on Antibody Genes. Cell, 2015, 163, 1124-1137.	13.5	136
36	PI3Kdelta Inhibitors Increase Genomic Instability By Upregulating Aid Expression. Blood, 2015, 126, 164-164.	0.6	1

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37	Telomere Recombination Preferentially Occurs at Short Telomeres in Telomerase-Null Type II Survivors. PLoS ONE, 2014, 9, e90644.	1.1	8
38	Convergent Transcription at Intragenic Super-Enhancers Targets AID-Initiated Genomic Instability. Cell, 2014, 159, 1538-1548.	13.5	221
39	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.	1.5	0
40	Mechanisms of Programmed DNA Lesions and Genomic Instability in the Immune System. Cell, 2013, 152, 417-429.	13.5	407
41	Telomerase-Null Survivor Screening Identifies Novel Telomere Recombination Regulators. PLoS Genetics, 2013, 9, e1003208.	1.5	52
42	The RNA Exosome Targets the AID Cytidine Deaminase to Both Strands of Transcribed Duplex DNA Substrates. Cell, 2011, 144, 353-363.	13.5	275
43	Sua5p is required for telomere recombination in Saccharomyces cerevisiae. Cell Research, 2010, 20, 495-498.	5.7	13
44	SWR1 Complex Poises Heterochromatin Boundaries for Antisilencing Activity Propagation. Molecular and Cellular Biology, 2010, 30, 2391-2400.	1.1	34
45	Telomere Recombination Accelerates Cellular Aging in Saccharomyces cerevisiae. PLoS Genetics, 2009, 5, e1000535.	1.5	17
46	Sua5p a single-stranded telomeric DNA-binding protein facilitates telomere replication. EMBO Journal, 2009, 28, 1466-1478.	3.5	34
47	CandidaÂalbicans, a distinctive fungal model for cellular aging study. Aging Cell, 2008, 7, 746-757.	3.0	42
48	Saccharomyces cerevisiae Est3p dimerizes in vitro and dimerization contributes to efficient telomere replication in vivo. Nucleic Acids Research, 2006, 34, 407-416.	6.5	65
49	AMPK-Mediated Phosphorylation on 53BP1 Promotes NHEJ. SSRN Electronic Journal, 0, , .	0.4	0