

Jun Huang

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,881
citations

201674

27
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

5877
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian WTAP is a regulatory subunit of the RNA N6-methyladenosine methyltransferase. <i>Cell Research</i> , 2014, 24, 177-189.	12.0	1,719
2	RAD18 transmits DNA damage signalling to elicit homologous recombination repair. <i>Nature Cell Biology</i> , 2009, 11, 592-603.	10.3	260
3	Ferroptosis in cancer and cancer immunotherapy. <i>Cancer Communications</i> , 2022, 42, 88-116.	9.2	179
4	HER2 recruits AKT1 to disrupt STING signalling and suppress antiviral defence and antitumour immunity. <i>Nature Cell Biology</i> , 2019, 21, 1027-1040.	10.3	163
5	SOSS Complexes Participate in the Maintenance of Genomic Stability. <i>Molecular Cell</i> , 2009, 35, 384-393.	9.7	129
6	<sc>SLFN</sc> 11 inhibits checkpoint maintenance and homologous recombination repair. <i>EMBO Reports</i> , 2016, 17, 94-109.	4.5	116
7	DNA End Resection: Facts and Mechanisms. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 126-130.	6.9	72
8	A homozygous FANCM frameshift pathogenic variant causes male infertility. <i>Genetics in Medicine</i> , 2019, 21, 62-70.	2.4	69
9	hSWS1-SWSAP1 Is an Evolutionarily Conserved Complex Required for Efficient Homologous Recombination Repair. <i>Journal of Biological Chemistry</i> , 2011, 286, 41758-41766.	3.4	66
10	Engineering Extracellular Vesicles Enriched with Palmitoylated ACE2 as COVID-19 Therapy. <i>Advanced Materials</i> , 2021, 33, e2103471.	21.0	60
11	The Human SRCAP Chromatin Remodeling Complex Promotes DNA-End Resection. <i>Current Biology</i> , 2014, 24, 2097-2110.	3.9	55
12	Small molecules promote CRISPR-Cpf1-mediated genome editing in human pluripotent stem cells. <i>Nature Communications</i> , 2018, 9, 1303.	12.8	52
13	Induced phase separation of mutant NF2 imprisons the cGAS-STING machinery to abrogate antitumor immunity. <i>Molecular Cell</i> , 2021, 81, 4147-4164.e7.	9.7	51
14	The PSO4 Protein Complex Associates with Replication Protein A (RPA) and Modulates the Activation of Ataxia Telangiectasia-mutated and Rad3-related (ATR). <i>Journal of Biological Chemistry</i> , 2014, 289, 6619-6626.	3.4	48
15	The ZATT-TOP2A-PICH Axis Drives Extensive Replication Fork Reversal to Promote Genome Stability. <i>Molecular Cell</i> , 2021, 81, 198-211.e6.	9.7	46
16	OUP accepted manuscript. <i>Nucleic Acids Research</i> , 2019, 47, 8563-8580.	14.5	46
17	Structural insight into BRCA1-BARD1 complex recruitment to damaged chromatin. <i>Molecular Cell</i> , 2021, 81, 2765-2777.e6.	9.7	44
18	Structural Basis of SOSS1 Complex Assembly and Recognition of ssDNA. <i>Cell Reports</i> , 2014, 6, 982-991.	6.4	42

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19	The way of SARS-CoV-2 vaccine development: success and challenges. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 387.	17.1	42
20	RNF169 limits 53BP1 deposition at DSBs to stimulate single-strand annealing repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8286-E8295.	7.1	38
21	BRCA2 antagonizes classical and alternative nonhomologous end-joining to prevent gross genomic instability. <i>Nature Communications</i> , 2017, 8, 1470.	12.8	37
22	Targeted Anti-CTumor Immunotherapy Using Tumor Infiltrating Cells. <i>Advanced Science</i> , 2021, 8, e2101672.	11.2	36
23	SIVA1 directs the E3 ubiquitin ligase RAD18 for PCNA monoubiquitination. <i>Journal of Cell Biology</i> , 2014, 205, 811-827.	5.2	35
24	Maternal BCAS2 protects genomic integrity in mouse early embryonic development. <i>Development (Cambridge)</i> , 2015, 142, 3943-53.	2.5	35
25	TRAP1 regulates replication fork recovery and progression via PCNA. <i>Cell Discovery</i> , 2016, 2, 16016.	6.7	35
26	AUNIP/C1orf135 directs DNA double-strand breaks towards the homologous recombination repair pathway. <i>Nature Communications</i> , 2017, 8, 985.	12.8	34
27	Poly(ADP-ribosylation) of P-TEFb by PARP1 disrupts phase separation to inhibit global transcription after DNA damage. <i>Nature Cell Biology</i> , 2022, 24, 513-525.	10.3	32
28	Quality control of homologous recombination. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3779-3797.	5.4	29
29	Replication protein A and more: single-stranded DNA-binding proteins in eukaryotic cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 665-670.	2.0	27
30	Microbiota in Tumors: From Understanding to Application. <i>Advanced Science</i> , 2022, 9, .	11.2	26
31	Acetylation-dependent function of human single-stranded DNA binding protein 1. <i>Nucleic Acids Research</i> , 2015, 43, 7878-7887.	14.5	25
32	ISGylation in Innate Antiviral Immunity and Pathogen Defense Responses: A Review. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 788410.	3.7	22
33	SUMOylation in Viral Replication and Antiviral Defense. <i>Advanced Science</i> , 2022, 9, e2104126.	11.2	21
34	Bub1 and CENP-U redundantly recruit Plk1 to stabilize kinetochore-microtubule attachments and ensure accurate chromosome segregation. <i>Cell Reports</i> , 2021, 36, 109740.	6.4	20
35	MRN complex is an essential effector of DNA damage repair. <i>Journal of Zhejiang University: Science B</i> , 2021, 22, 31-37.	2.8	20
36	Tumor suppressor bromodomain-containing protein 7 cooperates with Smads to promote transforming growth factor- β responses. <i>Oncogene</i> , 2017, 36, 362-372.	5.9	19

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37	DNA double-strand break repair pathway choice: the fork in the road. <i>Genome Instability & Disease</i> , 2020, 1, 10-19.	1.1	17
38	WAC Promotes Polo-like Kinase 1 Activation for Timely Mitotic Entry. <i>Cell Reports</i> , 2018, 24, 546-556.	6.4	16
39	RPA-mediated recruitment of Bre1 couples histone H2B ubiquitination to DNA replication and repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
40	ATM controls the extent of DNA end resection by eliciting sequential posttranslational modifications of CtIP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
41	Deep-Learning-Assisted Assessment of DNA Damage Based on Foci Images and Its Application in High-Content Screening of Lead Compounds. <i>Analytical Chemistry</i> , 2020, 92, 14267-14277.	6.5	10
42	Acetylation of XPF by TIP60 facilitates XPF-ERCC1 complex assembly and activation. <i>Nature Communications</i> , 2020, 11, 786.	12.8	10
43	Crystal structure of the INTS3/INTS6 complex reveals the functional importance of INTS3 dimerization in DSB repair. <i>Cell Discovery</i> , 2021, 7, 66.	6.7	10
44	RNF4 controls the extent of replication fork reversal to preserve genome stability. <i>Nucleic Acids Research</i> , 2022, 50, 5672-5687.	14.5	9
45	The MYC Paralog-PARP1 Axis as a Potential Therapeutic Target in MYC Paralog-Activated Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 565820.	2.8	6
46	HSPA13 facilitates NF- κ B-mediated transcription and attenuates cell death responses in TNF α signaling. <i>Science Advances</i> , 2021, 7, eabh1756.	10.3	5
47	HMCES safeguards genome integrity and long-term self-renewal of hematopoietic stem cells during stress responses. <i>Leukemia</i> , 2022, 36, 1123-1131.	7.2	5
48	Nucleolar GTPase Bms1 displaces Ttf1 from RFB-sites to balance progression of rDNA transcription and replication. <i>Journal of Molecular Cell Biology</i> , 2022, 13, 902-917.	3.3	4
49	Low Expression of ECT2 Confers Radiation Therapy Resistance Through Transcription Coupled Nucleolar DNA Damage Repair. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 1229-1242.	0.8	2
50	Engineering Extracellular Vesicles Enriched with Palmitoylated ACE2 as COVID-19 Therapy (<i>Adv. Mater.</i>) Tj ETQq0,0 0 rgBT /Overlock 1	21.0	0