

Xuefeng Chen

List of Publications by Year in descending order

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17
papers

801
citations

933447

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940533

16
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17
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17
docs citations

17
times ranked

1155
citing authors

#	ARTICLE	IF	CITATIONS
1	The Fun30 nucleosome remodeller promotes resection of DNA double-strand break ends. <i>Nature</i> , 2012, 489, 576-580.	27.8	219
2	Cell cycle regulation of DNA double-strand break end resection by Cdk1-dependent Dna2 phosphorylation. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1015-1019.	8.2	165
3	Pentatricopeptide-repeat family protein RF6 functions with hexokinase 6 to rescue rice cytoplasmic male sterility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14984-14989.	7.1	121
4	Cell cycle-dependent control of homologous recombination. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 655-668.	2.0	74
5	Pathways and assays for DNA double-strand break repair by homologous recombination. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 879-889.	2.0	43
6	Enrichment of Cdk1-cyclins at DNA double-strand breaks stimulates Fun30 phosphorylation and DNA end resection. <i>Nucleic Acids Research</i> , 2016, 44, 2742-2753.	14.5	39
7	Bre1-dependent H2B ubiquitination promotes homologous recombination by stimulating histone eviction at DNA breaks. <i>Nucleic Acids Research</i> , 2018, 46, 11326-11339.	14.5	37
8	Rtt105 functions as a chaperone for replication protein A to preserve genome stability. <i>EMBO Journal</i> , 2018, 37, .	7.8	23
9	Inhibition of H3K4 demethylation induces autophagy in cancer cell lines. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2428-2437.	4.1	19
10	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
11	Yeast Bromodomain Factor 1 and Its Human Homolog TAF1 Play Conserved Roles in Promoting Homologous Recombination. <i>Advanced Science</i> , 2021, 8, e2100753.	11.2	10
12	Rtt105 promotes high-fidelity DNA replication and repair by regulating the single-stranded DNA-binding factor RPA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	10
13	Molecular Cloning and Characterization of Rice Sedoheptulose- 1,7-bisphosphatase Gene That is Regulated by Environmental Stresses. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2004, 13, 93-99.	1.7	9
14	Molecular cloning and expression analysis of rice phosphoribulokinase gene that is regulated by environmental stresses. <i>Molecular Biology Reports</i> , 2005, 31, 249-255.	2.3	9
15	Monitoring 5'€²-End Resection at Site-Specific Double-Strand Breaks by Southern Blot Analysis. <i>Methods in Molecular Biology</i> , 2021, 2196, 245-255.	0.9	5
16	Mrc1-Dependent Chromatin Compaction Represses DNA Double-Stranded Break Repair by Homologous Recombination Upon Replication Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 630777.	3.7	3
17	Mechanism and Regulation of the Helicase-Driven Path of DNA End Resection in <i>Saccharomyces cerevisiae</i> . <i>FASEB Journal</i> , 2012, 26, 536.7.	0.5	0