

Caixia Guo

List of Publications by Year in descending order

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36
papers

1,718
citations

394286

19
h-index

360920

35
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all docs

36
docs citations

36
times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA polymerase β promotes nonhomologous end joining upon etoposide exposure dependent on the scaffolding protein Kap1. <i>Journal of Biological Chemistry</i> , 2022, 298, 101861.	1.6	2
2	Micropeptide PACMP inhibition elicits synthetic lethal effects by decreasing CtIP and poly(ADP-ribosyl)ation. <i>Molecular Cell</i> , 2022, 82, 1297-1312.e8.	4.5	24
3	Aquaporin 1 promotes sensitivity of anthracycline chemotherapy in breast cancer by inhibiting β -catenin degradation to enhance TopoII α activity. <i>Cell Death and Differentiation</i> , 2021, 28, 382-400.	5.0	19
4	Regulation of translesion DNA synthesis in mammalian cells. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 680-692.	0.9	27
5	Miro2 supplies a platform for Parkin translocation to damaged mitochondria. <i>Science Bulletin</i> , 2019, 64, 730-747.	4.3	6
6	ER stress mediated degradation of diacylglycerol acyltransferase impairs mitochondrial functions in TMCO1 deficient cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 914-920.	1.0	12
7	TMCO1 is essential for ovarian follicle development by regulating ER Ca ²⁺ store of granulosa cells. <i>Cell Death and Differentiation</i> , 2018, 25, 1686-1701.	5.0	49
8	RNA-splicing factor SART3 regulates translesion DNA synthesis. <i>Nucleic Acids Research</i> , 2018, 46, 4560-4574.	6.5	23
9	Epigenetic profiles in polyglutamine disorders. <i>Epigenomics</i> , 2018, 10, 9-25.	1.0	10
10	Quantitative proteomics analysis reveals alterations of lysine acetylation in mouse testis in response to heat shock and X-ray exposure. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 464-472.	1.1	12
11	Ataxin-3 promotes genome integrity by stabilizing Chk1. <i>Nucleic Acids Research</i> , 2017, 45, 4532-4549.	6.5	40
12	Poli ^{IV} O-GlcNAcylation governs genome integrity during translesion DNA synthesis. <i>Nature Communications</i> , 2017, 8, 1941.	5.8	34
13	RBM45 competes with HDAC1 for binding to FUS in response to DNA damage. <i>Nucleic Acids Research</i> , 2017, 45, 12862-12876.	6.5	25
14	Parkin regulates translesion DNA synthesis in response to UV radiation. <i>Oncotarget</i> , 2017, 8, 36423-36437.	0.8	8
15	TMCO1 Is an ER Ca ²⁺ Load-Activated Ca ²⁺ Channel. <i>Cell</i> , 2016, 165, 1454-1466.	13.5	112
16	Transcriptome analysis of the responses to methyl methanesulfonate treatment in mouse pachytene spermatocytes and round spermatids. <i>Gene</i> , 2016, 595, 193-201.	1.0	0
17	Using ultra-sensitive next generation sequencing to dissect DNA damage-induced mutagenesis. <i>Scientific Reports</i> , 2016, 6, 25310.	1.6	10
18	Endophilin B2 promotes inner mitochondrial membrane degradation by forming heterodimers with Endophilin B1 during mitophagy. <i>Scientific Reports</i> , 2016, 6, 25153.	1.6	10

#	ARTICLE	IF	CITATIONS
19	REV1 promotes PCNA monoubiquitination through interacting with ubiquitinated RAD18. <i>Journal of Cell Science</i> , 2016, 129, 1223-33.	1.2	24
20	Effects of the N terminus of mouse DNA polymerase δ on the bypass of a guanine-benzo[a]pyrenyl adduct. <i>Journal of Biochemistry</i> , 2016, 159, 471-479.	0.9	3
21	iTRAQ-based chromatin proteomic screen reveals CHD4-dependent recruitment of MBD2 to sites of DNA damage. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 142-148.	1.0	7
22	The Machado-Joseph Disease Deubiquitinase Ataxin-3 Regulates the Stability and Apoptotic Function of p53. <i>PLoS Biology</i> , 2016, 14, e2000733.	2.6	66
23	Cantharidin Overcomes Imatinib Resistance by Depleting BCR-ABL in Chronic Myeloid Leukemia. <i>Molecules and Cells</i> , 2016, 39, 869-876.	1.0	14
24	Low expression of BMPRII indicates poor prognosis of breast cancer and is insensitive to taxane-anthracycline chemotherapy. <i>Oncotarget</i> , 2016, 7, 4770-4784.	0.8	16
25	Germline Deletion of Huntingtin Causes Male Infertility and Arrested Spermiogenesis in Mice. <i>Journal of Cell Science</i> , 2015, 129, 492-501.	1.2	14
26	FANCD2 and REV1 cooperate in the protection of nascent DNA strands in response to replication stress. <i>Nucleic Acids Research</i> , 2015, 43, 8325-8339.	6.5	38
27	CSB-PGBD3 Mutations Cause Premature Ovarian Failure. <i>PLoS Genetics</i> , 2015, 11, e1005419.	1.5	70
28	The Human SRCAP Chromatin Remodeling Complex Promotes DNA-End Resection. <i>Current Biology</i> , 2014, 24, 2097-2110.	1.8	55
29	Mismatch repair protein MSH2 regulates translesion DNA synthesis following exposure of cells to UV radiation. <i>Nucleic Acids Research</i> , 2013, 41, 10312-10322.	6.5	25
30	The role of PARP1 in the DNA damage response and its application in tumor therapy. <i>Frontiers of Medicine</i> , 2012, 6, 156-164.	1.5	70
31	γ -family DNA polymerases in mammalian cells. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2363-2381.	2.4	127
32	Requirements for the Interaction of Mouse PolI δ with Ubiquitin and Its Biological Significance. <i>Journal of Biological Chemistry</i> , 2008, 283, 4658-4664.	1.6	59
33	REV1 Protein Interacts with PCNA: Significance of the REV1 BRCT Domain In Vitro and In Vivo. <i>Molecular Cell</i> , 2006, 23, 265-271.	4.5	193
34	Ubiquitin-Binding Motifs in REV1 Protein Are Required for Its Role in the Tolerance of DNA Damage. <i>Molecular and Cellular Biology</i> , 2006, 26, 8892-8900.	1.1	183
35	Multiple PolK (POLK) transcripts in mammalian testis. <i>DNA Repair</i> , 2005, 4, 397-402.	1.3	9
36	Mouse Rev1 protein interacts with multiple DNA polymerases involved in translesion DNA synthesis. <i>EMBO Journal</i> , 2003, 22, 6621-6630.	3.5	322