

Caixia Guo

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,718
citations

394286

19
h-index

360920

35
g-index

36
all docs

36
docs citations

36
times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouse Rev1 protein interacts with multiple DNA polymerases involved in translesion DNA synthesis. EMBO Journal, 2003, 22, 6621-6630.	3.5	322
2	REV1 Protein Interacts with PCNA: Significance of the REV1 BRCT Domain In Vitro and In Vivo. Molecular Cell, 2006, 23, 265-271.	4.5	193
3	Ubiquitin-Binding Motifs in REV1 Protein Are Required for Its Role in the Tolerance of DNA Damage. Molecular and Cellular Biology, 2006, 26, 8892-8900.	1.1	183
4	Y-family DNA polymerases in mammalian cells. Cellular and Molecular Life Sciences, 2009, 66, 2363-2381.	2.4	127
5	TMCO1 Is an ER Ca ²⁺ Load-Activated Ca ²⁺ Channel. Cell, 2016, 165, 1454-1466.	13.5	112
6	The role of PARP1 in the DNA damage response and its application in tumor therapy. Frontiers of Medicine, 2012, 6, 156-164.	1.5	70
7	CSB-PGBD3 Mutations Cause Premature Ovarian Failure. PLoS Genetics, 2015, 11, e1005419.	1.5	70
8	The Machado-Joseph Disease Deubiquitinase Ataxin-3 Regulates the Stability and Apoptotic Function of p53. PLoS Biology, 2016, 14, e2000733.	2.6	66
9	Requirements for the Interaction of Mouse Pol ^β with Ubiquitin and Its Biological Significance. Journal of Biological Chemistry, 2008, 283, 4658-4664.	1.6	59
10	The Human SRCAP Chromatin Remodeling Complex Promotes DNA-End Resection. Current Biology, 2014, 24, 2097-2110.	1.8	55
11	TMCO1 is essential for ovarian follicle development by regulating ER Ca ²⁺ store of granulosa cells. Cell Death and Differentiation, 2018, 25, 1686-1701.	5.0	49
12	Ataxin-3 promotes genome integrity by stabilizing Chk1. Nucleic Acids Research, 2017, 45, 4532-4549.	6.5	40
13	FANCD2 and REV1 cooperate in the protection of nascent DNA strands in response to replication stress. Nucleic Acids Research, 2015, 43, 8325-8339.	6.5	38
14	Pol ^β O-GlcNAcylation governs genome integrity during translesion DNA synthesis. Nature Communications, 2017, 8, 1941.	5.8	34
15	Regulation of translesion DNA synthesis in mammalian cells. Environmental and Molecular Mutagenesis, 2020, 61, 680-692.	0.9	27
16	Mismatch repair protein MSH2 regulates translesion DNA synthesis following exposure of cells to UV radiation. Nucleic Acids Research, 2013, 41, 10312-10322.	6.5	25
17	RBM45 competes with HDAC1 for binding to FUS in response to DNA damage. Nucleic Acids Research, 2017, 45, 12862-12876.	6.5	25
18	REV1 promotes PCNA monoubiquitination through interacting with ubiquitinated RAD18. Journal of Cell Science, 2016, 129, 1223-33.	1.2	24

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19	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
20	RNA-splicing factor SART3 regulates translesion DNA synthesis. <i>Nucleic Acids Research</i> , 2018, 46, 4560-4574.	6.5	23
21	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
22	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
23	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
24	Cantharidin Overcomes Imatinib Resistance by Depleting BCR-ABL in Chronic Myeloid Leukemia. <i>Molecules and Cells</i> , 2016, 39, 869-876.	1.0	14
25	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
26	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
27	Using ultra-sensitive next generation sequencing to dissect DNA damage-induced mutagenesis. <i>Scientific Reports</i> , 2016, 6, 25310.	1.6	10
28	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
29	Epigenetic profiles in polyglutamine disorders. <i>Epigenomics</i> , 2018, 10, 9-25.	1.0	10
30	Multiple PolK (POLK) transcripts in mammalian testis. <i>DNA Repair</i> , 2005, 4, 397-402.	1.3	9
31	Parkin regulates translesion DNA synthesis in response to UV radiation. <i>Oncotarget</i> , 2017, 8, 36423-36437.	0.8	8
32	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
33	Miro2 supplies a platform for Parkin translocation to damaged mitochondria. <i>Science Bulletin</i> , 2019, 64, 730-747.	4.3	6
34	Effects of the N terminus of mouse DNA polymerase β on the bypass of a guanine-benzo[a]pyrenyl adduct. <i>Journal of Biochemistry</i> , 2016, 159, 471-479.	0.9	3
35	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
36	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