

Zhongsheng You

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7046542/publications.pdf>

Version: 2024-02-01

30
papers

2,889
citations

331670

21
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

3879
citing authors

#	ARTICLE	IF	CITATIONS
1	ATM Activation and Its Recruitment to Damaged DNA Require Binding to the C Terminus of Nbs1. <i>Molecular and Cellular Biology</i> , 2005, 25, 5363-5379.	2.3	373
2	MMSET regulates histone H4K20 methylation and 53BP1 accumulation at DNA damage sites. <i>Nature</i> , 2011, 470, 124-128.	27.8	361
3	MRE11 and EXO1 nucleases degrade reversed forks and elicit MUS81-dependent fork rescue in BRCA2-deficient cells. <i>Nature Communications</i> , 2017, 8, 860.	12.8	311
4	CtIP Links DNA Double-Strand Break Sensing to Resection. <i>Molecular Cell</i> , 2009, 36, 954-969.	9.7	197
5	Xenopus ATR is a replication-dependent chromatin-binding protein required for the DNA replication checkpoint. <i>Current Biology</i> , 2000, 10, 1565-1573.	3.9	186
6	The F Box Protein Fbx6 Regulates Chk1 Stability and Cellular Sensitivity to Replication Stress. <i>Molecular Cell</i> , 2009, 35, 442-453.	9.7	170
7	DNA damage and decisions: CtIP coordinates DNA repair and cell cycle checkpoints. <i>Trends in Cell Biology</i> , 2010, 20, 402-409.	7.9	152
8	Control of gene expression through the nonsense-mediated RNA decay pathway. <i>Cell and Bioscience</i> , 2017, 7, 26.	4.8	147
9	The Role of Single-stranded DNA and Polymerase β in Establishing the ATR, Hus1 DNA Replication Checkpoint. <i>Journal of Biological Chemistry</i> , 2002, 277, 27088-27093.	3.4	102
10	A cell cycle-dependent BRCA1-UHRF1 cascade regulates DNA double-strand break repair pathway choice. <i>Nature Communications</i> , 2016, 7, 10201.	12.8	95
11	Loss of ATM kinase activity leads to embryonic lethality in mice. <i>Journal of Cell Biology</i> , 2012, 198, 295-304.	5.2	94
12	Rapid activation of ATM on DNA flanking double-strand breaks. <i>Nature Cell Biology</i> , 2007, 9, 1311-1318.	10.3	91
13	CHFR is important for the first wave of ubiquitination at DNA damage sites. <i>Nucleic Acids Research</i> , 2013, 41, 1698-1710.	14.5	74
14	USP51 deubiquitylates H2AK13,15ub and regulates DNA damage response. <i>Genes and Development</i> , 2016, 30, 946-959.	5.9	72
15	PCNA promotes processive DNA end resection by Exo1. <i>Nucleic Acids Research</i> , 2013, 41, 9325-9338.	14.5	67
16	Intracellular calcium regulates nonsense-mediated mRNA decay. <i>Nature Medicine</i> , 2014, 20, 961-966.	30.7	65
17	Protein Phosphatase 2A Antagonizes ATM and ATR in a Cdk2- and Cdc7-Independent DNA Damage Checkpoint. <i>Molecular and Cellular Biology</i> , 2006, 26, 1997-2011.	2.3	64
18	Ca ²⁺ -Stimulated AMPK-Dependent Phosphorylation of Exo1 Protects Stressed Replication Forks from Aberrant Resection. <i>Molecular Cell</i> , 2019, 74, 1123-1137.e6.	9.7	52

#	ARTICLE	IF	CITATIONS
19	Monitoring ATM kinase activity in living cells. <i>DNA Repair</i> , 2007, 6, 1277-1284.	2.8	38
20	Xic1 degradation in <i>Xenopus</i> egg extracts is coupled to initiation of DNA replication. <i>Genes and Development</i> , 2002, 16, 1182-1194.	5.9	35
21	Nonsense-Mediated RNA Decay Is a Unique Vulnerability of Cancer Cells Harboring <i>SF3B1</i> or <i>U2AF1</i> Mutations. <i>Cancer Research</i> , 2021, 81, 4499-4513.	0.9	28
22	14-3-3 Proteins Restrain the Exo1 Nuclease to Prevent Overresection. <i>Journal of Biological Chemistry</i> , 2015, 290, 12300-12312.	3.4	23
23	Dna2 initiates resection at clean DNA double-strand breaks. <i>Nucleic Acids Research</i> , 2017, 45, 11766-11781.	14.5	21
24	Poly(ADP-ribose)-binding promotes Exo1 damage recruitment and suppresses its nuclease activities. <i>DNA Repair</i> , 2015, 35, 106-115.	2.8	19
25	Phospho-Ser784-VCP Is Required for DNA Damage Response and Is Associated with Poor Prognosis of Chemotherapy-Treated Breast Cancer. <i>Cell Reports</i> , 2020, 31, 107745.	6.4	17
26	Sharpening the ends for repair: mechanisms and regulation of DNA resection. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 647-657.	2.0	9
27	p38 MAPK inhibits nonsense-mediated RNA decay in response to persistent DNA damage in noncycling cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 15266-15276.	3.4	9
28	Studying Nonsense-Mediated mRNA Decay in Mammalian Cells Using a Multicolored Bioluminescence-Based Reporter System. <i>Methods in Molecular Biology</i> , 2018, 1720, 213-224.	0.9	6
29	Repair of protein-linked DNA double strand breaks: Using the adenovirus genome as a model substrate in cell-based assays. <i>DNA Repair</i> , 2019, 74, 80-90.	2.8	6
30	Compound C inhibits nonsense-mediated RNA decay independently of AMPK. <i>PLoS ONE</i> , 2018, 13, e0204978.	2.5	5