

Shan Yan

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,158
citations

430442

18
h-index

414034

32
g-index

41
all docs

41
docs citations

41
times ranked

1532
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional interplay between ATM/ATR-mediated DNA damage response and DNA repair pathways in oxidative stress. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3951-3967.	2.4	169
2	TopBP1 and DNA polymerase- δ directly recruit the 9-1-1 complex to stalled DNA replication forks. <i>Journal of Cell Biology</i> , 2009, 184, 793-804.	2.3	92
3	Continued primer synthesis at stalled replication forks contributes to checkpoint activation. <i>Journal of Cell Biology</i> , 2010, 189, 233-246.	2.3	92
4	APE2 is required for ATR-Chk1 checkpoint activation in response to oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10592-10597.	3.3	87
5	Oxidative Stress, Bone Marrow Failure, and Genome Instability in Hematopoietic Stem Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 2366-2385.	1.8	60
6	TopBP1 and DNA polymerase alpha-mediated recruitment of the 9-1-1 complex to stalled replication forks: Implications for a replication restart-based mechanism for ATR checkpoint activation. <i>Cell Cycle</i> , 2009, 8, 2877-2884.	1.3	59
7	Direct requirement for Xmus101 in ATR-mediated phosphorylation of Claspin bound Chk1 during checkpoint signaling. <i>Journal of Cell Biology</i> , 2006, 173, 181-186.	2.3	58
8	APE2 Zf-GRF facilitates 3â€²-5â€² resection of DNA damage following oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 304-309.	3.3	50
9	Single-Strand Break End Resection in Genome Integrity: Mechanism and Regulation by APE2. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2389.	1.8	50
10	APE1 senses DNA single-strand breaks for repair and signaling. <i>Nucleic Acids Research</i> , 2020, 48, 1925-1940.	6.5	46
11	Plk1 Phosphorylation of Mre11 Antagonizes the DNA Damage Response. <i>Cancer Research</i> , 2017, 77, 3169-3180.	0.4	45
12	APE2 promotes DNA damage response pathway from a single-strand break. <i>Nucleic Acids Research</i> , 2018, 46, 2479-2494.	6.5	44
13	Study of the DNA Damage Checkpoint using <i>Xenopus</i> Egg Extracts. <i>Journal of Visualized Experiments</i> , 2012, , e4449.	0.2	35
14	Direct Binding to Replication Protein A (RPA)-coated Single-stranded DNA Allows Recruitment of the ATR Activator TopBP1 to Sites of DNA Damage. <i>Journal of Biological Chemistry</i> , 2016, 291, 13124-13131.	1.6	33
15	Cisplatin-Mediated Upregulation of APE2 Binding to MYH9 Provokes Mitochondrial Fragmentation and Acute Kidney Injury. <i>Cancer Research</i> , 2021, 81, 713-723.	0.4	24
16	SEC-induced activation of ANXA7 GTPase suppresses prostate cancer metastasis. <i>Cancer Letters</i> , 2018, 416, 11-23.	3.2	23
17	Cell-free <i>Xenopus</i> egg extracts for studying DNA damage response pathways. <i>International Journal of Developmental Biology</i> , 2016, 60, 229-236.	0.3	21
18	Genomic alterations and abnormal expression of APE2 in multiple cancers. <i>Scientific Reports</i> , 2020, 10, 3758.	1.6	21

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19	Importin β -dependent nuclear import of TopBP1 in ATR-Chk1 checkpoint in <i>Xenopus</i> egg extracts. <i>Cellular Signalling</i> , 2014, 26, 857-867.	1.7	19
20	Advanced Nanoengineering Approach for Target-Specific, Spatiotemporal, and Ratiometric Delivery of Gemcitabine-Cisplatin Combination for Improved Therapeutic Outcome in Pancreatic Cancer. <i>Small</i> , 2022, 18, e2104449.	5.2	18
21	WD40-repeat protein WDR18 collaborates with TopBP1 to facilitate DNA damage checkpoint signaling. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 466-471.	1.0	13
22	A non-canonical role for the DNA glycosylase NEIL3 in suppressing APE1 endonuclease-mediated ssDNA damage. <i>Journal of Biological Chemistry</i> , 2020, 295, 14222-14235.	1.6	13
23	Function and molecular mechanisms of APE2 in genome and epigenome integrity. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108347.	2.4	13
24	A novel ubiquitin carboxyl terminal hydrolase is involved in toad oocyte maturation. <i>Cell Research</i> , 2002, 12, 199-206.	5.7	12
25	Distinct roles of XRCC1 in genome integrity in <i>Xenopus</i> egg extracts. <i>Biochemical Journal</i> , 2019, 476, 3791-3804.	1.7	11
26	REV1 is important for the ATR-Chk1 DNA damage response pathway in <i>Xenopus</i> egg extracts. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 609-615.	1.0	10
27	Methods for Studying DNA Single-Strand Break Repair and Signaling in <i>Xenopus laevis</i> Egg Extracts. <i>Methods in Molecular Biology</i> , 2019, 1999, 161-172.	0.4	9
28	Mechanisms of Ataxia Telangiectasia Mutated (ATM) Control in the DNA Damage Response to Oxidative Stress, Epigenetic Regulation, and Persistent Innate Immune Suppression Following Sepsis. <i>Antioxidants</i> , 2021, 10, 1146.	2.2	8
29	APE2 Is a General Regulator of the ATR-Chk1 DNA Damage Response Pathway to Maintain Genome Integrity in Pancreatic Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 738502.	1.8	8
30	Resolution of a complex crisis at DNA 3' termini. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 335-336.	3.6	6
31	Molecular Imaging of Abdominal Aortic Aneurysms with Positron Emission Tomography: A Systematic Review. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 62, 969-980.	0.8	4
32	Temperature may influence and regulate NF-YB expression in toad oocyte. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 802-811.	1.0	2
33	An introduction for the special issue on environmental health and genome integrity. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 660-663.	0.9	2
34	Teaching and learning in a <i>Xenopus</i> research lab. <i>Lab Animal</i> , 2015, 44, 327-327.	0.2	1
35	Response to Protocol Review Scenario: Communicate with the PI. <i>Lab Animal</i> , 2011, 40, 295-296.	0.2	0
36	On the reproducibility of methods or findings. <i>Lab Animal</i> , 2020, 49, 29-29.	0.2	0