

Wenxia Jiang

List of Publications by Year in descending order

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papers

952
citations

623734

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1326
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#	ARTICLE	IF	CITATIONS
1	Differential Phosphorylation of DNA-PKcs Regulates the Interplay between End-Processing and End-Ligation during Nonhomologous End-Joining. <i>Molecular Cell</i> , 2015, 58, 172-185.	9.7	168
2	Interactome analysis identifies a new paralogue of XRCC4 in non-homologous end joining DNA repair pathway. <i>Nature Communications</i> , 2015, 6, 6233.	12.8	144
3	Regulation of the DNA Damage Response by DNA-PKcs Inhibitory Phosphorylation of ATM. <i>Molecular Cell</i> , 2017, 65, 91-104.	9.7	105
4	Kinase-dead ATM protein causes genomic instability and early embryonic lethality in mice. <i>Journal of Cell Biology</i> , 2012, 198, 305-313.	5.2	101
5	Ataxia telangiectasia-mutated protein and DNA-dependent protein kinase have complementary V(D)J recombination functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2028-2033.	7.1	80
6	PAXX promotes KU accumulation at DNA breaks and is essential for end-joining in XLF-deficient mice. <i>Nature Communications</i> , 2017, 8, 13816.	12.8	79
7	The BRCT Domains of the BRCA1 and BARD1 Tumor Suppressors Differentially Regulate Homology-Directed Repair and Stalled Fork Protection. <i>Molecular Cell</i> , 2018, 72, 127-139.e8.	9.7	58
8	DNA-PKcs has KU-dependent function in rRNA processing and haematopoiesis. <i>Nature</i> , 2020, 579, 291-296.	27.8	57
9	Kinase-dead ATM protein is highly oncogenic and can be preferentially targeted by Topo-isomerase I inhibitors. <i>ELife</i> , 2016, 5, .	6.0	38
10	Kinase-dead ATR differs from ATR loss by limiting the dynamic exchange of ATR and RPA. <i>Nature Communications</i> , 2018, 9, 5351.	12.8	38
11	PARP inhibitors trap PARP2 and alter the mode of recruitment of PARP2 at DNA damage sites. <i>Nucleic Acids Research</i> , 2022, 50, 3958-3973.	14.5	24
12	Kinase-dependent structural role of DNA-PKcs during immunoglobulin class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8615-8620.	7.1	23
13	Phosphorylation at S2053 in Murine (S2056 in Human) DNA-PKcs Is Dispensable for Lymphocyte Development and Class Switch Recombination. <i>Journal of Immunology</i> , 2019, 203, 178-187.	0.8	23
14	Aberrant TCR β rearrangement underlies the T-cell lymphocytopenia and t(12;14) translocation associated with ATM deficiency. <i>Blood</i> , 2015, 125, 2665-2668.	1.4	14