Zhenbao Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3632831/publications.pdf

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15	776	687335 13	996954 15
papers	citations	h-index	g-index

18	18	18	1181
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Mouse PRMT1 Null Allele Defines an Essential Role for Arginine Methylation in Genome Maintenance and Cell Proliferation. Molecular and Cellular Biology, 2009, 29, 2982-2996.	2.3	160
2	Arginine methylation of the <scp>DDX</scp> 5 helicase <scp>RGG</scp> / <scp>RG</scp> motif by <scp>PRMT</scp> 5 regulates resolution of RNA:DNA hybrids. EMBO Journal, 2019, 38, e100986.	7.8	117
3	The MRE11 GAR motif regulates DNA double-strand break processing and ATR activation. Cell Research, 2012, 22, 305-320.	12.0	68
4	CTCF facilitates DNA double-strand break repair by enhancing homologous recombination repair. Science Advances, 2017, 3, e1601898.	10.3	56
5	Arginine Methylation by PRMT1 Regulates Muscle Stem Cell Fate. Molecular and Cellular Biology, 2017, 37, .	2.3	50
6	Arginine methylation of SARS-Cov-2 nucleocapsid protein regulates RNA binding, its ability to suppress stress granule formation, and viral replication. Journal of Biological Chemistry, 2021, 297, 100821.	3.4	46
7	DDX5 resolves R-loops at DNA double-strand breaks to promote DNA repair and avoid chromosomal deletions. NAR Cancer, 2020, 2, zcaa028.	3.1	44
8	Genome-wide R-loop analysis defines unique roles for DDX5, XRN2, and PRMT5 in DNA/RNA hybrid resolution. Life Science Alliance, 2020, 3, e202000762.	2.8	43
9	GFI1 facilitates efficient DNA repair by regulating PRMT1 dependent methylation of MRE11 and 53BP1. Nature Communications, 2018, 9, 1418.	12.8	42
10	Loss of PRMT5 Promotes PDGFRÎ± Degradation during Oligodendrocyte Differentiation and Myelination. Developmental Cell, 2018, 46, 426-440.e5.	7.0	40
11	Arginine methylation of hnRNPUL1 regulates interaction with NBS1 and recruitment to sites of DNA damage. Scientific Reports, 2015, 5, 10475.	3.3	32
12	Synergistic effects of type I PRMT and PARP inhibitors against non-small cell lung cancer cells. Clinical Epigenetics, 2021, 13, 54.	4.1	28
13	PRMT7 ablation stimulates anti-tumor immunity and sensitizes melanoma to immune checkpoint blockade. Cell Reports, 2022, 38, 110582.	6.4	24
14	Deletion of RBMX RGG/RG motif in Shashi-XLID syndrome leads to aberrant p53 activation and neuronal differentiation defects. Cell Reports, 2021, 36, 109337.	6.4	13
15	Lysine methylation of FEN1 by SET7 is essential for its cellular response to replicative stress. Oncotarget, 2017, 8, 64918-64931.	1.8	10