

Marie-Jeanne Pillaire

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

926
citations

567281

15
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1393
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>h</i> DNA polymerase <i>h</i> , up-regulation is associated with poor survival in breast cancer, perturbs DNA replication, and promotes genetic instability. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13390-13395.	7.1	157
2	Role of TLS DNA polymerases eta and kappa in processing naturally occurring structured DNA in human cells. Molecular Carcinogenesis, 2009, 48, 369-378.	2.7	107
3	Overexpression of Claspin and Timeless protects cancer cells from replication stress in a checkpoint-independent manner. Nature Communications, 2019, 10, 910.	12.8	105
4	Deregulated DNA polymerase beta induces chromosome instability and tumorigenesis. Cancer Research, 2002, 62, 3511-4.	0.9	95
5	G1 phase arrest by the phosphatidylinositol 3-kinase inhibitor LY 294002 is correlated to up-regulation of p27 ^{Kip1} and inhibition of G1 CDKs in choroidal melanoma cells. FEBS Letters, 1998, 422, 385-390.	2.8	67
6	DNA polymerase δ -dependent DNA synthesis at stalled replication forks is important for CHK1 activation. EMBO Journal, 2013, 32, 2172-2185.	7.8	60
7	Bypass Replication of the Cisplatin-d(GpG) Lesion by Calf Thymus DNA Polymerase δ and Human Immunodeficiency Virus Type I Reverse Transcriptase Is Highly Mutagenic. Journal of Biological Chemistry, 1996, 271, 15386-15392.	3.4	52
8	Upregulation of Error-Prone DNA Polymerases Beta and Kappa Slows Down Fork Progression Without Activating the Replication Checkpoint. Cell Cycle, 2007, 6, 471-477.	2.6	44
9	Xp38/SAPK3 promotes meiotic G2/M transition in Xenopus oocytes and activates Cdc25C. EMBO Journal, 2003, 22, 5746-5756.	7.8	42
10	Cisplatin and UV Radiation Induce Activation of the Stress-Activated Protein Kinase p38 β in Human Melanoma Cells. Biochemical and Biophysical Research Communications, 2000, 278, 724-728.	2.1	35
11	Cyclin Kinase-independent role of p21CDKN1A in the promotion of nascent DNA elongation in unstressed cells. ELife, 2016, 5, .	6.0	31
12	Role of DNA polymerase δ in the maintenance of genomic stability. Molecular and Cellular Oncology, 2014, 1, e29902.	0.7	19
13	Analysis of DNA Replication by Optical Mapping in Nanochannels. Small, 2016, 12, 5963-5970.	10.0	19
14	Active Site Mutations in Mammalian DNA Polymerase δ Alter Accuracy and Replication Fork Progression. Journal of Biological Chemistry, 2010, 285, 32264-32272.	3.4	18
15	Expression of the Microtubule-Associated Protein MAP9/ASAP and Its Partners AURKA and PLK1 in Colorectal and Breast Cancers. Disease Markers, 2014, 2014, 1-6.	1.3	18
16	Chk1 loss creates replication barriers that compromise cell survival independently of excess origin firing. EMBO Journal, 2019, 38, e101284.	7.8	17
17	Effects of a single intrastrand d(GpG) platinum adduct on the strand separating activity of the Escherichia coli proteins RecB and RecA. FEBS Letters, 1993, 333, 89-95.	2.8	16
18	Regulation by Transforming Growth Factor- β 1 of G1 Cyclin-Dependent Kinases in Human Retinal Epithelial Cells. Experimental Eye Research, 1999, 68, 193-199.	2.6	12

#	ARTICLE	IF	CITATIONS
19	KDM5A and KDM5B histone-demethylases contribute to HU-induced replication stress response and tolerance. <i>Biology Open</i> , 2021, 10, .	1.2	11
20	A Catalytically Independent Function of Human DNA Polymerase Kappa Controls the Stability and Abundance of Checkpoint Kinase 1. <i>Molecular and Cellular Biology</i> , 2021, 41, e0009021.	2.3	1
21	Abstract 241: A mutant DNA polymerase-delta associated with increased tumor progression causes random deletions in DNA. , 2010, , .		0