

Shailja Pathania

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,431
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2772
citing authors

#	ARTICLE	IF	CITATIONS
1	BRCA1 Recruitment to Transcriptional Pause Sites Is Required for R-Loop-Driven DNA Damage Repair. <i>Molecular Cell</i> , 2015, 57, 636-647.	9.7	363
2	Multifactorial contributions to an acute DNA damage response by BRCA1/BARD1-containing complexes. <i>Genes and Development</i> , 2006, 20, 34-46.	5.9	274
3	BRCA1 haploinsufficiency for replication stress suppression in primary cells. <i>Nature Communications</i> , 2014, 5, 5496.	12.8	129
4	Cdk1 Participates in BRCA1-Dependent S Phase Checkpoint Control in Response to DNA Damage. <i>Molecular Cell</i> , 2009, 35, 327-339.	9.7	109
5	BRCA1 Is Required for Postreplication Repair after UV-Induced DNA Damage. <i>Molecular Cell</i> , 2011, 44, 235-251.	9.7	106
6	MAPK Pathway Suppression Unmasks Latent DNA Repair Defects and Confers a Chemical Synthetic Vulnerability in <i>BRAF</i> -, <i>NRAS</i> -, and <i>NF1</i> -Mutant Melanomas. <i>Cancer Discovery</i> , 2019, 9, 526-545.	9.4	73
7	Path of DNA within the Mu Transpososome. <i>Cell</i> , 2002, 109, 425-436.	28.9	68
8	Genetically Defined Syngeneic Mouse Models of Ovarian Cancer as Tools for the Discovery of Combination Immunotherapy. <i>Cancer Discovery</i> , 2021, 11, 384-407.	9.4	64
9	BRCA1/FANCD2/BRG1-Driven DNA Repair Stabilizes the Differentiation State of Human Mammary Epithelial Cells. <i>Molecular Cell</i> , 2016, 63, 277-292.	9.7	61
10	Symmetric DNA Sites are Functionally Asymmetric Within Flp and Cre Site-specific DNA Recombination Synapses. <i>Journal of Molecular Biology</i> , 2002, 320, 515-527.	4.2	31
11	A unique right end-enhancer complex precedes synapsis of Mu ends: the enhancer is sequestered within the transpososome throughout transposition. <i>EMBO Journal</i> , 2003, 22, 3725-3736.	7.8	24
12	Fibroblast tumor cell signaling limits HER2 kinase therapy response via activation of MTOR and antiapoptotic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16500-16508.	7.1	23
13	Structural Alterations and Conformational Dynamics in Holliday Junctions Induced by Binding of a Site-Specific Recombinase. <i>Molecular Cell</i> , 1998, 1, 483-493.	9.7	21
14	Physiological modulation of endogenous BRCA1 p220 abundance suppresses DNA damage during the cell cycle. <i>Genes and Development</i> , 2013, 27, 2274-2291.	5.9	20
15	True reversal of Mu integration. <i>EMBO Journal</i> , 2004, 23, 3408-3420.	7.8	17
16	The Mu Transposase Interwraps Distant DNA Sites within a Functional Transpososome in the Absence of DNA Supercoiling. <i>Journal of Biological Chemistry</i> , 2005, 280, 6149-6156.	3.4	16
17	E3 ligase RFWD3 is a novel modulator of stalled fork stability in BRCA2-deficient cells. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	13
18	Flp Ribonuclease Activities. <i>Journal of Biological Chemistry</i> , 1998, 273, 30591-30598.	3.4	10

#	ARTICLE	IF	CITATIONS
19	<i>BRCA1/Trp53</i> heterozygosity and replication stress drive esophageal cancer development in a mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	5
20	RPA, RFWD3 and BRCA2 at stalled forks: a balancing act. Molecular and Cellular Oncology, 2020, 7, 1801089.	0.7	4