Shailja Pathania

List of Publications by Year
in descending order

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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	Genetically Defined Syngeneic Mouse Models of Ovarian Cancer as Tools for the Discovery of Combination Immunotherapy. Cancer Discovery, 2021, 11, 384-407.	9.4	64
2	BRCA1/Trp53 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
3	RPA, RFWD3 and BRCA2 at stalled forks: a balancing act. Molecular and Cellular Oncology, 2020, 7, 1801089.	0.7	4
4	Fibroblastâ€“tumor cell signaling limits HER2 kinase therapy response via activation of MTOR and antiapoptotic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16500-16508.	7.1	23
5	E3 ligase RFWD3 is a novel modulator of stalled fork stability in BRCA2-deficient cells. Journal of Cell Biology, 2020, 219, .	5.2	13
6	MAPK Pathway Suppression Unmasks Latent DNA Repair Defects and Confers a Chemical Synthetic Vulnerability in BRAF-, NRAS-, and NF1-Mutant Melanomas. Cancer Discovery, 2019, 9, 526-545.	9.4	73
7	BRCA1/FANCD2/BRG1-Driven DNA Repair Stabilizes the Differentiation State of Human Mammary Epithelial Cells. Molecular Cell, 2016, 63, 277-292.	9.7	61
8	BRCA1 Recruitment to Transcriptional Pause Sites Is Required for R-Loop-Driven DNA Damage Repair. Molecular Cell, 2015, 57, 636-647.	9.7	363
9	BRCA1 haploinsufficiency for replication stress suppression in primary cells. Nature Communications, 2014, 5, 5496.	12.8	129
10	Physiological modulation of endogenous BRCA1 p220 abundance suppresses DNA damage during the cell cycle. Genes and Development, 2013, 27, 2274-2291.	5.9	20
11	BRCA1 Is Required for Postreplication Repair after UV-Induced DNA Damage. Molecular Cell, 2011, 44, 235-251.	9.7	106
12	Cdk1 Participates in BRCA1-Dependent S Phase Checkpoint Control in Response to DNA Damage. Molecular Cell, 2009, 35, 327-339.	9.7	109
13	Multifactorial contributions to an acute DNA damage response by BRCA1/BARD1-containing complexes. Genes and Development, 2006, 20, 34-46.	5.9	274
14	The Mu Transposase Interwraps Distant DNA Sites within a Functional Transpososome in the Absence of DNA Supercoiling. Journal of Biological Chemistry, 2005, 280, 6149-6156.	3.4	16
15	True reversal of Mu integration. EMBO Journal, 2004, 23, 3408-3420.	7.8	17
16	A unique right end-enhancer complex precedes synapsis of Mu ends: the enhancer is sequestered within the transpososome throughout transposition. EMBO Journal, 2003, 22, 3725-3736.	7.8	24
17	Path of DNA within the Mu Transpososome. Cell, 2002, 109, 425-436.	28.9	68
18	Symmetric DNA Sites are Functionally Asymmetric Within Flp and Cre Site-specific DNA Recombination Synapses. Journal of Molecular Biology, 2002, 320, 515-527.	4.2	31

#	Article	IF	Citations
19	Structural Alterations and Conformational Dynamics in Holliday Junctions Induced by Binding of a Site-Specific Recombinase. Molecular Cell, 1998, 1, 483-493.	9.7	21
20	Flp Ribonuclease Activities. Journal of Biological Chemistry, 1998, 273, 30591-30598.	3.4	10