Kienan I Savage

List of Publications by Citations

33 papers	1,672 citations	18 h-index	35 g-index
35 ext. papers	1,950 ext. citations	9.2 avg, IF	4.17 L-index

#	Paper	IF	Citations
33	Ataxia-telangiectasia-mutated (ATM) and NBS1-dependent phosphorylation of Chk1 on Ser-317 in response to ionizing radiation. *Journal of Biological Chemistry*, **2003**, 278, 14806-11	5.4	220
32	Activation of STING-Dependent Innate Immune Signaling By S-Phase-Specific DNA Damage in Breast Cancer. *Journal of the National Cancer Institute*, **2017**, 109,	9.7	211
31	Single-stranded DNA-binding protein hSSB1 is critical for genomic stability. *Nature*, **2008**, 453, 677-81	50.4	187
30	Identification of a BRCA1-mRNA splicing complex required for efficient DNA repair and maintenance of genomic stability. *Molecular Cell*, **2014**, 54, 445-59	17.6	116
29	BRCA1-BARD1 complexes are required for p53Ser-15 phosphorylation and a G1/S arrest following ionizing radiation-induced DNA damage. *Journal of Biological Chemistry*, **2004**, 279, 31251-8	5.4	116
28	Use of the H2AX assay to investigate DNA repair dynamics following multiple radiation exposures. *PLoS ONE*, **2013**, 8, e79541	3.7	109
27	BRCA1, a complex protein involved in the maintenance of genomic stability. *FEBS Journal*, **2015**, 282, 630-46	5.7	99
26	BRD7, a subunit of SWI/SNF complexes, binds directly to BRCA1 and regulates BRCA1-dependent transcription. *Cancer Research*, **2010**, 70, 2538-47	10.1	95
25	BRCA1 deficiency exacerbates estrogen-induced DNA damage and genomic instability. *Cancer Research*, **2014**, 74, 2773-2784	10.1	69
24	The nuclear oncogene SET controls DNA repair by KAP1 and HP1 retention to chromatin. *Cell Reports*, **2015**, 11, 149-63	10.6	61
23	hSSB1 rapidly binds at the sites of DNA double-strand breaks and is required for the efficient recruitment of the MRN complex. *Nucleic Acids Research*, **2011**, 39, 1692-702	20.1	60
22	The RNA processing factors THRAP3 and BCLAF1 promote the DNA damage response through selective mRNA splicing and nuclear export. *Nucleic Acids Research*, **2017**, 45, 12816-12833	20.1	51
21	Mechanistic Rationale to Target PTEN-Deficient Tumor Cells with Inhibitors of the DNA Damage Response Kinase ATM. *Cancer Research*, **2015**, 75, 2159-65	10.1	44
20	Profiling of the BRCA1 transcriptome through microarray and ChIP-chip analysis. *Nucleic Acids Research*, **2011**, 39, 9536-48	20.1	42
19	Kruppel-associated Box (KRAB)-associated co-repressor (KAP-1) Ser-473 phosphorylation regulates heterochromatin protein 1 (HP1-) mobilization and DNA repair in heterochromatin. *Journal of Biological Chemistry*, **2012**, 287, 28122-31	5.4	40
18	NF-B is a critical mediator of BRCA1-induced chemoresistance. *Oncogene*, **2014**, 33, 713-723	9.2	32
17	Platinum resistant cancer cells conserve sensitivity to BH3 domains and obatoclax induced mitochondrial apoptosis. *Apoptosis: an International Journal on Programmed Cell Death*, **2011**, 16, 311-20	5.4	29

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16	PARP inhibition induces BAX/BAK-independent synthetic lethality of BRCA1-deficient non-small cell lung cancer. *Journal of Pathology*, **2011**, 224, 564-74	9.4	27
15	Dual roles of DNA repair enzymes in RNA biology/post-transcriptional control. *Wiley Interdisciplinary Reviews RNA*, **2016**, 7, 604-19	9.3	17
14	Chronic loss of STAG2 leads to altered chromatin structure contributing to de-regulated transcription in AML. *Journal of Translational Medicine*, **2020**, 18, 339	8.5	9
13	A TMA de-arraying method for high throughput biomarker discovery in tissue research. *PLoS ONE*, **2011**, 6, e26007	3.7	7
12	Multifocal breast cancers are more prevalent in BRCA2 versus BRCA1 mutation carriers. *Journal of Pathology: Clinical Research*, **2020**, 6, 146-153	5.3	5
11	COMMD4 functions with the histone H2A-H2B dimer for the timely repair of DNA double-strand breaks. *Communications Biology*, **2021**, 4, 484	6.7	5
10	Altered splicing and cytoplasmic levels of tRNA synthetases in SF3B1-mutant myelodysplastic syndromes as a therapeutic vulnerability. *Scientific Reports*, **2019**, 9, 2678	4.9	5
9	Targeting nucleotide metabolism enhances the efficacy of anthracyclines and anti-metabolites in triple-negative breast cancer. *Npj Breast Cancer*, **2021**, 7, 38	7.8	4
8	Impact of Variable RNA-Sequencing Depth on Gene Expression Signatures and Target Compound Robustness: Case Study Examining Brain Tumor (Glioma) Disease Progression. *JCO Precision Oncology*, **2018**, 2,	3.6	3
7	Protein kinase C zeta suppresses low- or high-grade colorectal cancer (CRC) phenotypes by interphase centrosome anchoring. *Journal of Pathology*, **2018**, 244, 445-459	9.4	2
6	BRCA1 and BRCA2: Role in the DNA Damage Response, Cancer Formation and Treatment **2009**, 415-443		2
5	ACE: A Workbench Using Evolutionary Genetic Algorithms for Analyzing Association in TCGA. *Cancer Research*, **2019**, 79, 2072-2075	10.1	2
4	Chemoprevention in BRCA1 mutation carriers (CIBRAC): protocol for an open allocation crossover feasibility trial assessing mechanisms of chemoprevention with goserelin and anastrozole versus tamoxifen and acceptability of treatment. *BMJ Open*, **2018**, 8, e023115	3	2
3	STAG2 Loss Gives Rise to Therapeutically Targetable DNA Damage Repair Defects and Altered Replication Fork Dynamics in Acute Myeloid Leukaemia. *Blood*, **2019**, 134, 1255-1255	2.2	0
2	The Potential of Using DNA Damage Repair Deficiency As a Biomarker for Cytarabine Response in AML Patients. *Blood*, **2018**, 132, 2812-2812	2.2	
1	Loss of Function Cohesin Complex Gene Mutations Create Neomorphic Cell States Advantageous to Oncogenesis. *Blood*, **2016**, 128, 1564-1564	2.2	