Kienan I Savage

List of Publications by Year
in descending order

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Version: 2024-02-01

35 papers	2,202 citations	430754 18 h-index	414303 32 g-index
35 all docs	35 docs citations	35 times ranked	4423 citing authors

#	Article	IF	Citations
1	Activation of a cGAS-STING-mediated immune response predicts response to neoadjuvant chemotherapy in early breast cancer. British Journal of Cancer, 2022, 126, 247-258.	2.9	14
2	Cancer-Associated SF3B1 Mutations Confer a BRCA-Like Cellular Phenotype and Synthetic Lethality to PARP Inhibitors. Cancer Research, 2022, 82, 819-830.	0.4	16
3	Targeting nucleotide metabolism enhances the efficacy of anthracyclines and anti-metabolites in triple-negative breast cancer. Npj Breast Cancer, 2021, 7, 38.	2.3	12
4	COMMD4 functions with the histone H2A-H2B dimer for the timely repair of DNA double-strand breaks. Communications Biology, 2021, 4, 484.	2.0	8
5	Chronic loss of STAG2 leads to altered chromatin structure contributing to de-regulated transcription in AML. Journal of Translational Medicine, 2020, 18, 339.	1.8	15
6	Multifocal breast cancers are more prevalent in BRCA2 versus BRCA1 mutation carriers. Journal of Pathology: Clinical Research, 2020, 6, 146-153.	1.3	12
7	Altered splicing and cytoplasmic levels of tRNA synthetases in SF3B1-mutant myelodysplastic syndromes as a therapeutic vulnerability. Scientific Reports, 2019, 9, 2678.	1.6	12
8	ACE: A Workbench Using Evolutionary Genetic Algorithms for Analyzing Association in TCGA. Cancer Research, 2019, 79, 2072-2075.	0.4	6
9	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.	0.6	3
10	Protein kinase C zeta suppresses lowâ€•or highâ€grade colorectal cancer (CRC) phenotypes by interphase centrosome anchoring. Journal of Pathology, 2018, 244, 445-459.	2.1	4
11	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.	0.8	3
12	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, 1-17.	1.5	3
13	The Potential of Using DNA Damage Repair Deficiency As a Biomarker for Cytarabine Response in AML Patients. Blood, 2018, 132, 2812-2812.	0.6	0
14	Activation of STING-Dependent Innate Immune Signaling By S-Phase-Specific DNA Damage in Breast Cancer. Journal of the National Cancer Institute, 2017, 109, djw199.	3.0	338
15	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.	6.5	79
16	Dual roles of <scp>DNA</scp> repair enzymes in <scp>RNA</scp> biology/postâ€transcriptional control. Wiley Interdisciplinary Reviews RNA, 2016, 7, 604-619.	3.2	19
17	Loss of Function Cohesin Complex Gene Mutations Create Neomorphic Cell States Advantageous to Oncogenesis. Blood, 2016, 128, 1564-1564.	0.6	0
18	The Nuclear Oncogene SET Controls DNA Repair by KAP1 and HP1 Retention to Chromatin. Cell Reports, 2015, 11, 149-163.	2.9	82

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19	Mechanistic Rationale to Target PTEN-Deficient Tumor Cells with Inhibitors of the DNA Damage Response Kinase ATM. Cancer Research, 2015, 75, 2159-2165.	0.4	58
20	<scp>BRCA</scp>1, a â€˜complexâ€™ protein involved in the maintenance of genomic stability. FEBS Journal, 2015, 282, 630-646.	2.2	141
21	NF-Î°B is a critical mediator of BRCA1-induced chemoresistance. Oncogene, 2014, 33, 713-723.	2.6	41
22	BRCA1 Deficiency Exacerbates Estrogen-Induced DNA Damage and Genomic Instability. Cancer Research, 2014, 74, 2773-2784.	0.4	94
23	Identification of a BRCA1-mRNA Splicing Complex Required for Efficient DNA Repair and Maintenance of Genomic Stability. Molecular Cell, 2014, 54, 445-459.	4.5	146
24	Use of the Î³-H2AX Assay to Investigate DNA Repair Dynamics Following Multiple Radiation Exposures. PLoS ONE, 2013, 8, e79541.	1.1	143
25	KrÃ¼ppel-associated Box (KRAB)-associated Co-repressor (KAP-1) Ser-473 Phosphorylation Regulates Heterochromatin Protein 1Î² (HP1-Î²) Mobilization and DNA Repair in Heterochromatin. Journal of Biological Chemistry, 2012, 287, 28122-28131.	1.6	43
26	Platinum resistant cancer cells conserve sensitivity to BH3 domains and obatoclax induced mitochondrial apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 311-320.	2.2	29
27	PARP inhibition induces BAX/BAKâ€independent synthetic lethality of BRCA1â€deficient nonâ€small cell lung cancer. Journal of Pathology, 2011, 224, 564-574.	2.1	32
28	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, 1692-1702.	6.5	70
29	Profiling of the BRCA1 transcriptome through microarray and ChIP-chip analysis. Nucleic Acids Research, 2011, 39, 9536-9548.	6.5	43
30	A TMA De-Arraying Method for High Throughput Biomarker Discovery in Tissue Research. PLoS ONE, 2011, 6, e26007.	1.1	8
31	BRD7, a Subunit of SWI/SNF Complexes, Binds Directly to BRCA1 and Regulates BRCA1-Dependent Transcription. Cancer Research, 2010, 70, 2538-2547.	0.4	115
32	BRCA1 and BRCA2: Role in the DNA Damage Response, Cancer Formation and Treatment. , 2009, , 415-443.		2
33	Single-stranded DNA-binding protein hSSB1 is critical for genomic stability. Nature, 2008, 453, 677-681.	13.7	220
34	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, 31251-31258.	1.6	137
35	Ataxia-telangiectasia-mutated (ATM) and NBS1-dependent Phosphorylation of Chk1 on Ser-317 in Response to Ionizing Radiation. Journal of Biological Chemistry, 2003, 278, 14806-14811.	1.6	254