List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	DNA double-strand breaks: signaling, repair and the cancer connection. Nature Genetics, 2001, 27, 247-254.	21.4	2,116
2	Whole-genome landscape of pancreatic neuroendocrine tumours. Nature, 2017, 543, 65-71.	27.8	716
3	Interaction between ATM protein and c-Abl in response to DNA damage. Nature, 1997, 387, 520-523.	27.8	460
4	A Comprehensive Review on Current Advances in Peptide Drug Development and Design. International Journal of Molecular Sciences, 2019, 20, 2383.	4.1	413
5	Cdk1/Erk2- and Plk1-Dependent Phosphorylation of a Centrosome Protein, Cep55, Is Required for Its Recruitment to Midbody and Cytokinesis. Developmental Cell, 2005, 9, 477-488.	7.0	273
6	Targeted Therapies for Triple-Negative Breast Cancer: Combating a Stubborn Disease. Trends in Pharmacological Sciences, 2015, 36, 822-846.	8.7	242
7	Single-stranded DNA-binding protein hSSB1 is critical for genomic stability. Nature, 2008, 453, 677-681.	27.8	220
8	Cellular localisation of the ataxia-telangiectasia (ATM) gene product and discrimination between mutated and normal forms. Oncogene, 1997, 14, 1911-1921.	5.9	172
9	Phosphorylation of EXO1 by CDKs 1 and 2 regulates DNA end resection and repair pathway choice. Nature Communications, 2014, 5, 3561.	12.8	143
10	Adenosine 2B Receptor Expression on Cancer Cells Promotes Metastasis. Cancer Research, 2016, 76, 4372-4382.	0.9	130
11	The Integrator complex controls the termination of transcription at diverse classes of gene targets. Cell Research, 2015, 25, 288-305.	12.0	113
12	Mechanisms of Genomic Instability in Breast Cancer. Trends in Molecular Medicine, 2019, 25, 595-611.	6.7	109
13	hSSB1 and hSSB2 Form Similar Multiprotein Complexes That Participate in DNA Damage Response. Journal of Biological Chemistry, 2009, 284, 23525-23531.	3.4	98
14	Integrated genomic and transcriptomic analysis of human brain metastases identifies alterations of potential clinical significance. Journal of Pathology, 2015, 237, 363-378.	4.5	98
15	Multiple human single-stranded DNA binding proteins function in genome maintenance: structural, biochemical and functional analysis. Critical Reviews in Biochemistry and Molecular Biology, 2009, 44, 98-116.	5.2	96
16	Natural Killer Cells Are Essential for the Ability of BRAF Inhibitors to Control BRAFV600E-Mutant Metastatic Melanoma. Cancer Research, 2014, 74, 7298-7308.	0.9	96
17	Inhibition of RNA polymerase I transcription initiation by CX-5461 activates non-canonical ATM/ATR signaling. Oncotarget, 2016, 7, 49800-49818.	1.8	93
18	CX-5461 activates the DNA damage response and demonstrates therapeutic efficacy in high-grade serous ovarian cancer. Nature Communications, 2020, 11, 2641.	12.8	90

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19	The Nuclear Oncogene SET Controls DNA Repair by KAP1 and HP1 Retention to Chromatin. Cell Reports, 2015, 11, 149-163.	6.4	82
20	Mitotic slippage: an old tale with a new twist. Cell Cycle, 2019, 18, 7-15.	2.6	81
21	INTS3 controls the hSSB1-mediated DNA damage response. Journal of Cell Biology, 2009, 187, 25-32.	5.2	80
22	Functional mechanisms underlying pleiotropic risk alleles at the 19p13.1 breast–ovarian cancer susceptibility locus. Nature Communications, 2016, 7, 12675.	12.8	78
23	Long Noncoding RNAs CUPID1 and CUPID2 Mediate Breast Cancer Risk at 11q13 by Modulating the Response to DNA Damage. American Journal of Human Genetics, 2017, 101, 255-266.	6.2	77
24	Ataxia-telangiectasia: chronic activation of damage-responsive functions is reduced by α-lipoic acid. Oncogene, 2001, 20, 289-294.	5.9	68
25	Patterns of Genomic Instability in Breast Cancer. Trends in Pharmacological Sciences, 2019, 40, 198-211.	8.7	68
26	Chromosome arm aneuploidies shape tumour evolution and drug response. Nature Communications, 2020, 11, 449.	12.8	65
27	Therapeutic cooperation between auranofin, a thioredoxin reductase inhibitor and antiâ€PDâ€L1 antibody for treatment of tripleâ€negative breast cancer. International Journal of Cancer, 2020, 146, 123-136.	5.1	63
28	DNA-damage-induced degradation of EXO1 exonuclease limits DNA end resection to ensure accurate DNA repair. Journal of Biological Chemistry, 2017, 292, 10779-10790.	3.4	61
29	Heregulin-HER3-HER2 signaling promotes matrix metalloproteinase-dependent blood-brain-barrier transendothelial migration of human breast cancer cell lines. Oncotarget, 2015, 6, 3932-3946.	1.8	60
30	<scp>CEP</scp> 55 is a determinant of cell fate during perturbed mitosis in breast cancer. EMBO Molecular Medicine, 2018, 10, .	6.9	59
31	ATM-dependent phosphorylation of MRE11 controls extent of resection during homology directed repair by signalling through Exonuclease 1. Nucleic Acids Research, 2015, 43, 8352-8367.	14.5	54
32	SCF-FBXO31 E3 Ligase Targets DNA Replication Factor Cdt1 for Proteolysis in the G2 Phase of Cell Cycle to Prevent Re-replication. Journal of Biological Chemistry, 2014, 289, 18514-18525.	3.4	49
33	Human single-stranded DNA binding protein 1 (hSSB1/NABP2) is required for the stability and repair of stalled replication forks. Nucleic Acids Research, 2014, 42, 6326-6336.	14.5	48
34	Anticancer activity of a Gold(I) phosphine thioredoxin reductase inhibitor in multiple myeloma. Redox Biology, 2020, 28, 101310.	9.0	47
35	Cep55 overexpression causes male $\hat{a} \in s$ pecific sterility in mice by suppressing Foxo1 nuclear retention through sustained activation of PI3K/Akt signaling. FASEB Journal, 2018, 32, 4984-4999.	0.5	43
36	Differences in Expression of Key DNA Damage Repair Genes after Epigenetic-Induced BRCAness Dictate Synthetic Lethality with PARP1 Inhibition. Molecular Cancer Therapeutics, 2015, 14, 2321-2331.	4.1	42

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37	RNA-binding protein NONO contributes to cancer cell growth and confers drug resistance as a theranostic target in TNBC. Theranostics, 2020, 10, 7974-7992.	10.0	42
38	The Peptidyl-Prolyl Isomerase Pin1 Regulates Cytokinesis through Cep55. Cancer Research, 2009, 69, 6651-6659.	0.9	41
39	Chromatinized Protein Kinase C-Î, Directly Regulates Inducible Genes in Epithelial to Mesenchymal Transition and Breast Cancer Stem Cells. Molecular and Cellular Biology, 2014, 34, 2961-2980.	2.3	40
40	Marizomib suppresses triple-negative breast cancer via proteasome and oxidative phosphorylation inhibition. Theranostics, 2020, 10, 5259-5275.	10.0	39
41	Cep55 stabilization is required for normal execution of cytokinesis. Cell Cycle, 2009, 8, 3742-3749.	2.6	35
42	Selenoprotein S is a marker but not a regulator of endoplasmic reticulum stress in intestinal epithelial cells. Free Radical Biology and Medicine, 2014, 67, 265-277.	2.9	34
43	Enhanced dependency of <scp>KRAS</scp> â€mutant colorectal cancer cells on <scp>RAD</scp> 51â€dependent homologous recombination repair identified from genetic interactions in <i>Saccharomyces cerevisiae</i> . Molecular Oncology, 2017, 11, 470-490.	4.6	33
44	Differentiation of Human Induced Pluripotent or Embryonic Stem Cells Decreases the DNA Damage Repair by Homologous Recombination. Stem Cell Reports, 2017, 9, 1660-1674.	4.8	33
45	Gemcitabine and CHK1 Inhibition Potentiate EGFR-Directed Radioimmunotherapy against Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2014, 20, 3187-3197.	7.0	32
46	Germline polymorphisms in an enhancer of <i>PSIP1</i> are associated with progression-free survival in epithelial ovarian cancer. Oncotarget, 2016, 7, 6353-6368.	1.8	29
47	Essential Developmental, Genomic Stability, and Tumour Suppressor Functions of the Mouse Orthologue of hSSB1/NABP2. PLoS Genetics, 2013, 9, e1003298.	3.5	28
48	Optimizing poly (<scp>ADP</scp> â€ribose) polymerase inhibition through combined epigenetic and immunotherapy. Cancer Science, 2018, 109, 3383-3392.	3.9	28
49	Multidimensional phenotyping of breast cancer cell lines to guide preclinical research. Breast Cancer Research and Treatment, 2018, 167, 289-301.	2.5	27
50	Using the MCF10A/MCF10CA1a Breast Cancer Progression Cell Line Model to Investigate the Effect of Active, Mutant Forms of EGFR in Breast Cancer Development and Treatment Using Gefitinib. PLoS ONE, 2015, 10, e0125232.	2.5	27
51	MEK5-ERK5 pathway associates with poor survival of breast cancer patients after systemic treatments. Oncoscience, 2015, 2, 99-101.	2.2	26
52	Understanding the functional impact of copy number alterations in breast cancer using a network modeling approach. Molecular BioSystems, 2016, 12, 963-972.	2.9	25
53	Cep55 regulates embryonic growth and development by promoting Akt stability in zebrafish. FASEB Journal, 2015, 29, 1999-2009.	0.5	24
54	The metastasis suppressor RARRES3 as an endogenous inhibitor of the immunoproteasome expression in breast cancer cells. Scientific Reports, 2017, 7, 39873.	3.3	21

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55	MYB regulates the DNA damage response and components of the homology-directed repair pathway in human estrogen receptor-positive breast cancer cells. Oncogene, 2019, 38, 5239-5249.	5.9	20
56	Single-Strand DNA-Binding Protein SSB1 Facilitates TERT Recruitment to Telomeres and Maintains Telomere G-Overhangs. Cancer Research, 2015, 75, 858-869.	0.9	19
57	Ssb1 and Ssb2 cooperate to regulate mouse hematopoietic stem and progenitor cells by resolving replicative stress. Blood, 2017, 129, 2479-2492.	1.4	18
58	Quinazolinone derivatives as inhibitors of homologous recombinase RAD51. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3096-3100.	2.2	17
59	Cep55 overexpression promotes genomic instability and tumorigenesis in mice. Communications Biology, 2020, 3, 593.	4.4	17
60	CX-5461 Enhances the Efficacy of APR-246 via Induction of DNA Damage and Replication Stress in Triple-Negative Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 5782.	4.1	16
61	Centrobin regulates centrosome function in interphase cells by limiting pericentriolar matrix recruitment. Cell Cycle, 2013, 12, 899-906.	2.6	15
62	Blockade of PDGFRÎ ² circumvents resistance to MEK-JAK inhibition via intratumoral CD8+ T-cells infiltrationÂin triple-negative breast cancer. Journal of Experimental and Clinical Cancer Research, 2019, 38, 85.	8.6	13
63	First meiotic anaphase requires Cep55-dependent inhibitory Cdk1 phosphorylation. Journal of Cell Science, 2019, 132, .	2.0	12
64	<i>Ssb2/Nabp1</i> is dispensable for thymic maturation, male fertility, and DNA repair in mice. FASEB Journal, 2015, 29, 3326-3334.	0.5	11
65	Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. ELife, 2021, 10, .	6.0	11
66	Epigenome erosion and SOX10 drive neural crest phenotypic mimicry in triple-negative breast cancer. Npj Breast Cancer, 2022, 8, 57.	5.2	11
67	High content screening application for cell-type specific behaviour in heterogeneous primary breast epithelial subpopulations. Breast Cancer Research, 2016, 18, 18.	5.0	9
68	The implication of the SUMOylation pathway in breast cancer pathogenesis and treatment. Critical Reviews in Biochemistry and Molecular Biology, 2020, 55, 54-70.	5.2	9
69	Integrating Multi-omics Data to Dissect Mechanisms of DNA repair Dysregulation in Breast Cancer. Scientific Reports, 2016, 6, 34000.	3.3	8
70	Targeting BRF2 in Cancer Using Repurposed Drugs. Cancers, 2021, 13, 3778.	3.7	8
71	RAD51 paralogs promote genomic integrity and chemoresistance in cancer by facilitating homologous recombination. Annals of Translational Medicine, 2018, 6, S122-S122.	1.7	6
72	hSSB2 (NABP1) is required for the recruitment of RPA during the cellular response to DNA UV damage. Scientific Reports, 2021, 11, 20256.	3.3	6

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73	Mouse models uncap novel roles of SSBs. Cell Research, 2013, 23, 744-745.	12.0	5
74	Identification of ATM-Interacting Proteins by Co-immunoprecipitation and Glutathione-S-Transferase (GST) Pull-Down Assays. Methods in Molecular Biology, 2017, 1599, 163-181.	0.9	5
75	Characterization of a novel breast cancer cell line derived from a metastatic bone lesion of a breast cancer patient. Breast Cancer Research and Treatment, 2018, 170, 179-188.	2.5	5
76	The breast cancer antigen 5T4 interacts with Rab11, and is a target and regulator of Rab11 mediated trafficking. International Journal of Biochemistry and Cell Biology, 2018, 99, 28-37.	2.8	5
77	WDR62 is required for centriole duplication in spermatogenesis and manchette removal in spermiogenesis. Communications Biology, 2021, 4, 645.	4.4	5
78	Complexities of pharmacogenomic interactions in cancer. Molecular and Cellular Oncology, 2020, 7, 1735910.	0.7	4
79	Cep55 regulation of PI3K/Akt signaling is required for neocortical development and ciliogenesis. PLoS Genetics, 2021, 17, e1009334.	3.5	4
80	CSK3-β Stimulates Claspin Degradation via β-TrCP Ubiquitin Ligase and Alters Cancer Cell Survival. Cancers, 2019, 11, 1073.	3.7	3
81	Differential Regulation of Lacto-/Neolacto- Glycosphingolipid Biosynthesis Pathway Reveals Transcription Factors as Potential Candidates in Triple-Negative Breast Cancer. Cancers, 2021, 13, 3330.	3.7	1
82	Signaling to the Epigenome: New Insights into the Roles of Nuclear Signaling Kinases in the Context of the Immune System and Cancer. Frontiers in Immunology, 2017, 8, 980.	4.8	0
83	SSB1/NABP2 and SSB2/NABP1 Have Essential and Overlapping Roles in Maintaining Hematopoietic Stem and Progenitor Cells. Blood, 2015, 126, 2405-2405.	1.4	0
84	Serendipity, luck and hard work. Nature Cell Biology, 2018, 20, 1004-1004.	10.3	0