Joanna R Morris

List of Publications by Year
in descending order

36 papers	2,652 citations	257429 24 h-index	361001 35 g-index
47 all docs	47 docs citations	47 times ranked	4168 citing authors

#	Article	IF	Citations
1	The SUMO modification pathway is involved in the BRCA1 response to genotoxic stress. Nature, 2009, 462, 886-890.	27.8	377
2	Critical research gaps and translational priorities for the successful prevention and treatment of breast cancer. Breast Cancer Research, 2013, 15, R92.	5.0	320
3	BRCA1â€…:â€…BARD1 induces the formation of conjugated ubiquitin structures, dependent on K6 of ubiquitin, in cells during DNA replication and repair. Human Molecular Genetics, 2004, 13, 807-817.	2.9	230
4	BRCA1 RING Function Is Essential for Tumor Suppression but Dispensable for Therapy Resistance. Cancer Cell, 2011, 20, 797-809.	16.8	228
5	Human BRCA1â€“BARD1 ubiquitin ligase activity counteracts chromatin barriers to DNA resection. Nature Structural and Molecular Biology, 2016, 23, 647-655.	8.2	222
6	The proteasomal de-ubiquitinating enzyme POH1 promotes the double-strand DNA break response. EMBO Journal, 2012, 31, 3918-3934.	7.8	127
7	BRCA1 methylation: a significant role in tumour development?. Seminars in Cancer Biology, 2002, 12, 359-371.	9.6	104
8	Genetic analysis of BRCA1 ubiquitin ligase activity and its relationship to breast cancer susceptibility. Human Molecular Genetics, 2006, 15, 599-606.	2.9	96
9	Isomerization of BRCA1â€“BARD1 promotes replication fork protection. Nature, 2019, 571, 521-527.	27.8	88
10	The deSUMOylase SENP7 promotes chromatin relaxation for homologous recombination DNA repair. EMBO Reports, 2013, 14, 975-983.	4.5	82
11	USP48 restrains resection by site-specific cleavage of the BRCA1 ubiquitin mark from H2A. Nature Communications, 2018, 9, 229.	12.8	76
12	PrimPol-dependent single-stranded gap formation mediates homologous recombination at bulky DNA adducts. Nature Communications, 2020, 11, 5863.	12.8	69
13	SUMO, a small, but powerful, regulator of double-strand break repair. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160281.	4.0	66
14	Two GC Boxes (Sp1 Sites) Are Involved in Regulation of the Activity of the Epithelium-specific MUC1 Promoter. Journal of Biological Chemistry, 1996, 271, 18140-18147.	3.4	54
15	The BRCA1 Ubiquitin ligase function sets a new trend for remodelling in DNA repair. Nucleus, 2017, 8, 116-125.	2.2	46
16	A fork in the road: Where homologous recombination and stalled replication fork protection part ways. Seminars in Cell and Developmental Biology, 2021, 113, 14-26.	5.0	44
17	Identification of Residues Required for the Interaction of BARD1 with BRCA1. Journal of Biological Chemistry, 2002, 277, 9382-9386.	3.4	38
18	Moving Mountainsâ€"The BRCA1 Promotion of DNA Resection. Frontiers in Molecular Biosciences, 2019, 6, 79.	3.5	37

#	Article	IF	Citations
19	SUMO in the mammalian response to DNA damage. Biochemical Society Transactions, 2010, 38, 92-97.	3.4	32
20	The deSUMOylase SENP2 coordinates homologous recombination and nonhomologous end joining by independent mechanisms. Genes and Development, 2019, 33, 333-347.	5.9	32
21	Mouse ST6Gal sialyltransferase gene expression during mammary gland lactation. Glycobiology, 2001, 11, 407-412.	2.5	31
22	Lymphocyte radiosensitivity inBRCA1 andBRCA2 mutation carriers and implications for breast cancer susceptibility. International Journal of Cancer, 2007, 121, 1631-1636.	5.1	30
23	More Modifiers Move on DNA Damage. Cancer Research, 2010, 70, 3861-3863.	0.9	30
24	Discovery of peptide ligands targeting a specific ubiquitin-like domainâ€“binding site in the deubiquitinase USP11. Journal of Biological Chemistry, 2019, 294, 424-436.	3.4	28
25	SUMO in the DNA Double-Stranded Break Response: Similarities, Differences, and Cooperation with Ubiquitin. Journal of Molecular Biology, 2017, 429, 3376-3387.	4.2	27
26	GSK3Î²-SCFFBXW7Î± mediated phosphorylation and ubiquitination of IRF1 are required for its transcription-dependent turnover. Nucleic Acids Research, 2019, 47, 4476-4494.	14.5	21
27	The Sp1 Transcription Factor Regulates Cell Type-Specific Transcription of MUC1. DNA and Cell Biology, 2001, 20, 133-139.	1.9	20
28	Structural evolution of the BRCA1 genomic region in primates. Genomics, 2004, 84, 1071-1082.	2.9	20
29	Regulation ofMUC1Expression in Human Mammary Cell Lines by the c-ErbB2 and Ras Signaling Pathways. DNA and Cell Biology, 2001, 20, 265-274.	1.9	19
30	DNA methylation profiling to assess pathogenicity of BRCA1 unclassified variants in breast cancer. Epigenetics, 2015, 10, 1121-1132.	2.7	12
31	Up-regulation of MUC1 in mammary tumors generated in a double-transgenic mouse expressing human MUC1 cDNA, under the control of 1.4-kb 5? MUC1 promoter sequence and the middle T oncogene, expressed from the MMTV promoter. International Journal of Cancer, 2001, 92, 382-387.	5.1	11
32	Attenuation of the ubiquitin conjugate DNA damage signal by the proteasomal DUB POH1. Cell Cycle, 2012, 11, 4103-4104.	2.6	11
33	Imaging nanoscale nuclear structures with expansion microscopy. Journal of Cell Science, 2022, 135, .	2.0	6
34	Is it a wrap? Nucleosome interactions of the BRCA1-binding partner, BARD1, steal the scene. Nature Structural and Molecular Biology, 2021, 28, 708-710.	8.2	5
35	BRCA1-BARD1: the importance of being in shape. Molecular and Cellular Oncology, 2019, 6, e1656500.	0.7	4
36	Recent Advances in Understanding the Cellular Functions of BRCA1. , 2009, , 75-92.		1