Jeffrey D Parvin

List of Publications by Year
in descending order

84 papers	7,897 citations	53751 45 h-index	56687 83 g-index
86 all docs	86 docs citations	86 times ranked	9481 citing authors

#	Article	IF	Citations
1	The functional impact of BRCA1 BRCT domain variants using multiplexed DNA double-strand break repair assays. American Journal of Human Genetics, 2022, 109, 618-630.	2.6	8
2	Modulation of Early Mitotic Inhibitor 1 (EMI1) depletion on the sensitivity of PARP inhibitors in BRCA1 mutated triple-negative breast cancer cells. PLoS ONE, 2021, 16, e0235025.	1.1	11
3	F-Box Protein-Mediated Resistance to PARP Inhibitor Therapy. Molecular Cell, 2019, 73, 195-196.	4.5	4
4	Functional analysis of BARD1 missense variants in homology-directed repair and damage sensitivity. PLoS Genetics, 2019, 15, e1008049.	1.5	23
5	Processes that Regulate the Ubiquitination of Chromatin and Chromatin-Associated Proteins. , 2019, , .		2
6	A Multiplex Homology-Directed DNA Repair Assay Reveals the Impact of More Than 1,000 BRCA1 Missense Substitution Variants on Protein Function. American Journal of Human Genetics, 2018, 103, 498-508.	2.6	99
7	HDAC10 as a potential therapeutic target in ovarian cancer. Gynecologic Oncology, 2017, 144, 613-620.	0.6	39
8	Differential requirements for DNA repair proteins in immortalized cell lines using alternative lengthening of telomere mechanisms. Genes Chromosomes and Cancer, 2017, 56, 617-631.	1.5	13
9	Camptothecin resistance is determined by the regulation of topoisomerase I degradation mediated by ubiquitin proteasome pathway. Oncotarget, 2017, 8, 43733-43751.	0.8	20
10	Roles for <scp>SUMO</scp> in preâ€‹scp>mRNA</scp> processing. Wiley Interdisciplinary Reviews RNA, 2016, 7, 105-112.	3.2	13
11	RING1A and BMI1 bookmark active genes via ubiquitination of chromatin-associated proteins. Nucleic Acids Research, 2016, 44, 2136-2144.	6.5	18
12	Ran Binding Protein 9 (RanBP9) is a novel mediator of cellular DNA damage response in lung cancer cells. Oncotarget, 2016, 7, 18371-18383.	0.8	23
13	Functional Analysis of BARD1 Missense Variants in Homology-Directed Repair of DNA Double Strand Breaks. Human Mutation, 2015, 36, 1205-1214.	1.1	27
14	The chromatin scaffold protein SAFB1 localizes SUMO-1 to the promoters of ribosomal protein genes to facilitate transcription initiation and splicing. Nucleic Acids Research, 2015, 43, 3605-3613.	6.5	27
15	Patterns and functional implications of rare germline variants across 12 cancer types. Nature Communications, 2015, 6, 10086.	5.8	243
16	Massively Parallel Functional Analysis of BRCA1 RING Domain Variants. Genetics, 2015, 200, 413-422.	1.2	272
17	Small Ubiquitin-like Modifier (SUMO) Isoforms and Conjugation-independent Function in DNA Double-strand Break Repair Pathways. Journal of Biological Chemistry, 2014, 289, 21289-21295.	1.6	15
18	NUSAP1 influences the DNA damage response by controlling BRCA1 protein levels. Cancer Biology and Therapy, 2014, 15, 533-543.	1.5	35

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19	Association of BLM and BRCA1 during Telomere Maintenance in ALT Cells. PLoS ONE, 2014, 9, e103819.	1.1	28
20	Regulation of 53BP1 Protein Stability by RNF8 and RNF168 Is Important for Efficient DNA Double-Strand Break Repair. PLoS ONE, 2014, 9, e110522.	1.1	27
21	Analysis of BRCA1 Variants in Double-Strand Break Repair by Homologous Recombination and Single-Strand Annealing. Human Mutation, 2013, 34, 439-445.	1.1	52
22	<i>BRCA1</i> promotes the ubiquitination of PCNA and recruitment of translesion polymerases in response to replication blockade. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13558-13563.	3.3	42
23	Gene co-expression analysis predicts genetic aberration loci associated with colon cancer metastasis. International Journal of Computational Biology and Drug Design, 2013, 6, 60.	0.3	15
24	Promoters active in interphase are bookmarked during mitosis by ubiquitination. Nucleic Acids Research, 2012, 40, 10187-10202.	6.5	8
25	Chromatin modification by SUMO-1 stimulates the promoters of translation machinery genes. Nucleic Acids Research, 2012, 40, 10172-10186.	6.5	64
26	Weighted Frequent Gene Co-expression Network Mining to Identify Genes Involved in Genome Stability. PLoS Computational Biology, 2012, 8, e1002656.	1.5	81
27	Identifying the Effects of BRCA1 Mutations on Homologous Recombination using Cells that Express Endogenous Wild-type BRCA1. Journal of Visualized Experiments, 2011, , .	0.2	11
28	BRCA1 contributes to transcriptionâ€coupled repair of DNA damage through polyubiquitination and degradation of Cockayne syndrome B protein. Cancer Science, 2011, 102, 1840-1847.	1.7	41
29	Histone Deacetylases 9 and 10 Are Required for Homologous Recombination. Journal of Biological Chemistry, 2011, 286, 7722-7726.	1.6	71
30	COMPARING MULTIPLE ChIP-SEQUENCING EXPERIMENTS. Journal of Bioinformatics and Computational Biology, 2011, 09, 269-282.	0.3	2
31	KIAA0101 Interacts with BRCA1 and Regulates Centrosome Number. Molecular Cancer Research, 2011, 9, 1091-1099.	1.5	63
32	PI 3 Kinase Related Kinases-Independent Proteolysis of BRCA1 Regulates Rad51 Recruitment during Genotoxic Stress in Human Cells. PLoS ONE, 2010, 5, e14027.	1.1	13
33	Identification of Breast Tumor Mutations in <i>BRCA1</i> That Abolish Its Function in Homologous DNA Recombination. Cancer Research, 2010, 70, 988-995.	0.4	116
34	BRCA1 Represses Amphiregulin Gene Expression. Cancer Research, 2010, 70, 996-1005.	0.4	25
35	BRCA1/BARD1 E3 Ubiquitin Ligase Can Modify Histones H2A and H2B in the Nucleosome Particle. Journal of Biomolecular Structure and Dynamics, 2010, 27, 399-405.	2.0	52
36	The BRCA1â€dependent ubiquitin ligase, Î³â€tubulin, and centrosomes. Environmental and Molecular Mutagenesis, 2009, 50, 649-653.	0.9	37

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37	Cdk1 Participates in BRCA1-Dependent S Phase Checkpoint Control in Response to DNA Damage. Molecular Cell, 2009, 35, 327-339.	4.5	109
38	Regulation of centrosomes by the BRCA1-dependent ubiquitin ligase. Cancer Biology and Therapy, 2008, 7, 1540-1543.	1.5	34
39	Multiple Mechanisms Contribute to Inhibit Transcription in Response to DNA Damage. Journal of Biological Chemistry, 2008, 283, 9555-9561.	1.6	42
40	A mechanism for transcriptional repression dependent on the BRCA1 E3 ubiquitin ligase. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6614-6619.	3.3	43
41	BRCA1 Control of Steroid Receptor Ubiquitination. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pe34.	4.1	14
42	BRCA1 regulates Î³-tubulin binding to centrosomes. Cancer Biology and Therapy, 2007, 6, 1853-1857.	1.5	47
43	Aurora-A Kinase Regulates Breast Cancerâ€“Associated Gene 1 Inhibition of Centrosome-Dependent Microtubule Nucleation. Cancer Research, 2007, 67, 11186-11194.	0.4	63
44	Network modeling links breast cancer susceptibility and centrosome dysfunction. Nature Genetics, 2007, 39, 1338-1349.	9.4	602
45	Î±-synuclein acts in the nucleus to inhibit histone acetylation and promote neurotoxicity. Human Molecular Genetics, 2006, 15, 3012-3023.	1.4	486
46	Centrosome function in normal and tumor cells. Journal of Cellular Biochemistry, 2006, 99, 1240-1250.	1.2	45
47	Substrates of the BRCA1-dependent ubiquitin ligase. Cancer Biology and Therapy, 2006, 5, 137-141.	1.5	39
48	The BRCA1 E3 Ubiquitin Ligase Controls Centrosome Dynamics. Cell Cycle, 2006, 5, 1946-1950.	1.3	30
49	BRCA1 DNA-Binding Activity Is Stimulated by BARD1. Cancer Research, 2006, 66, 2012-2018.	0.4	50
50	Identification of Domains of BRCA1 Critical for the Ubiquitin-Dependent Inhibition of Centrosome Function. Cancer Research, 2006, 66, 4100-4107.	0.4	58
51	Oncoprotein EWS-FLI1 Activity Is Enhanced by RNA Helicase A. Cancer Research, 2006, 66, 5574-5581.	0.4	114
52	Direct Stimulation of Transcription Initiation by BRCA1 Requires Both Its Amino and Carboxyl Termini. Journal of Biological Chemistry, 2006, 281, 8317-8320.	1.6	12
53	Centrosomal Microtubule Nucleation Activity Is Inhibited by BRCA1-Dependent Ubiquitination. Molecular and Cellular Biology, 2005, 25, 8656-8668.	1.1	112
54	Degradation of Cdt1 during S Phase Is Skp2-independent and Is Required for Efficient Progression of Mammalian Cells through S Phase. Journal of Biological Chemistry, 2005, 280, 23416-23423.	1.6	97

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55	Direct DNA Binding Activity of the Fanconi Anemia D2 Protein. Journal of Biological Chemistry, 2005, 280, 23593-23598.	1.6	67
56	Recruitment of ORC or CDC6 to DNA is sufficient to create an artificial origin of replication in mammalian cells. Genes and Development, 2005, 19, 2827-2836.	2.7	64
57	BRCA1/BARD1 Ubiquitinate Phosphorylated RNA Polymerase II. Journal of Biological Chemistry, 2005, 280, 24498-24505.	1.6	126
58	BRCA1-Dependent Ubiquitination of Î³-Tubulin Regulates Centrosome Number. Molecular and Cellular Biology, 2004, 24, 8457-8466.	1.1	281
59	Overview of History and Progress in BRCA1 Research: The First BRCA1 Decade. Cancer Biology and Therapy, 2004, 3, 505-508.	1.5	22
60	Phosphorylation of Histone H2A Inhibits Transcription on Chromatin Templates. Journal of Biological Chemistry, 2004, 279, 21866-21872.	1.6	52
61	Expression of an amino-terminal BRCA1 deletion mutant causes a dominant growth inhibition in MCF10A cells. Oncogene, 2004, 23, 5792-5798.	2.6	18
62	A Unified Nomenclature for Protein Subunits of Mediator Complexes Linking Transcriptional Regulators to RNA Polymerase II. Molecular Cell, 2004, 14, 553-557.	4.5	230
63	The multiple nuclear functions of BRCA1: transcription, ubiquitination and DNA repair. Current Opinion in Cell Biology, 2003, 15, 345-350.	2.6	212
64	Overexpression of a protein fragment of RNA helicase A causes inhibition of endogenous BRCA1 function and defects in ploidy and cytokinesis in mammary epithelial cells. Oncogene, 2003, 22, 983-991.	2.6	98
65	Elongation by RNA polymerase II on chromatin templates requires topoisomerase activity. Nucleic Acids Research, 2003, 31, 5016-5024.	6.5	60
66	Creating a Tool-Kit for Exploring BRCA1 Fnction. Cancer Biology and Therapy, 2002, 1, 509-510.	1.5	1
67	The BRCA1 and BARD1 association with the RNA polymerase II holoenzyme. Cancer Research, 2002, 62, 4222-8.	0.4	47
68	DNA topoisomerase IIÎ± is required for RNA polymerase II transcription on chromatin templates. Nature, 2001, 413, 435-438.	13.7	111
69	Redistribution of BRCA1 among Four Different Protein Complexes following Replication Blockage. Journal of Biological Chemistry, 2001, 276, 38549-38554.	1.6	52
70	Binding of Liganded Vitamin D Receptor to the Vitamin D Receptor Interacting Protein Coactivator Complex Induces Interaction with RNA Polymerase II Holoenzyme. Journal of Biological Chemistry, 2000, 275, 10719-10722.	1.6	52
71	Activation of Transcription in Vitro by the BRCA1 Carboxyl-terminal Domain. Journal of Biological Chemistry, 1999, 274, 2113-2117.	1.6	75
72	BRCA1 protein is linked to the RNA polymerase II holoenzyme complex via RNA helicase A. Nature Genetics, 1998, 19, 254-256.	9.4	368

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73	Regulatory targets in the RNA polymerase II holoenzyme. Current Opinion in Genetics and Development, 1998, 8, 565-570.	1.5	52
74	An Eukaryotic RuvB-like Protein (RUVBL1) Essential for Growth. Journal of Biological Chemistry, 1998, 273, 27786-27793.	1.6	120
75	Human CDC6/Cdc18 Associates with Orc1 and Cyclin-cdk and Is Selectively Eliminated from the Nucleus at the Onset of S Phase. Molecular and Cellular Biology, 1998, 18, 2758-2767.	1.1	245
76	RNA Helicase A Mediates Association of CBP with RNA Polymerase II. Cell, 1997, 90, 1107-1112.	13.5	512
77	A mammalian SRB protein associated with an RNA polymerase II holoenzyme. Nature, 1996, 380, 82-85.	13.7	137
78	A Negative Cofactor Containing Dr1/p19 Modulates Transcription with TFIIA in a Promoter-specific Fashion. Journal of Biological Chemistry, 1996, 271, 18405-18412.	1.6	20
79	Pre-bending of a promoter sequence enhances affinity for the TATA-binding factor. Nature, 1995, 373, 724-727.	13.7	189
80	DNA topology and a minimal set of basal factors for transcription by RNA polymerase II. Cell, 1993, 73, 533-540.	13.5	374
81	Promoter specificity of basal transcription factors. Cell, 1992, 68, 1135-1144.	13.5	140
82	Amplification, expression, and packaging of a foreign gene by influenza virus. Cell, 1989, 59, 1107-1113.	13.5	469
83	Rapid RNA Sequencing Using Double-Stranded Template DNA, SP6 Polymerase, and 3â€²-Deoxynucleotide Triphosphates. DNA and Cell Biology, 1986, 5, 167-171.	5.1	13
84	Transplacental passage of IgG antibody to group B streptococcus serotype Ia. Journal of Pediatrics, 1984, 104, 618-620.	0.9	50