Grant S Stewart

List of Publications by Year
in descending order

36 papers	3,872 citations	430874 18 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	5068 citing authors

#	Article	IF	Citations
1	The DNA Double-Strand Break Repair Gene hMRE11 Is Mutated in Individuals with an Ataxia-Telangiectasia-like Disorder. Cell, 1999, 99, 577-587.	28.9	986
2	MDC1 is a mediator of the mammalian DNA damage checkpoint. Nature, 2003, 421, 961-966.	27.8	789
3	The RIDDLE Syndrome Protein Mediates a Ubiquitin-Dependent Signaling Cascade at Sites of DNA Damage. Cell, 2009, 136, 420-434.	28.9	673
4	53BP1-dependent robust localized KAP-1 phosphorylation is essential for heterochromatic DNA double-strand break repair. Nature Cell Biology, 2010, 12, 177-184.	10.3	289
5	BOD1L Is Required to Suppress Deleterious Resection of Stressed Replication Forks. Molecular Cell, 2015, 59, 462-477.	9.7	146
6	PRMT5-Dependent Methylation of the TIP60 Coactivator RUVBL1 Is a Key Regulator of Homologous Recombination. Molecular Cell, 2017, 65, 900-916.e7.	9.7	106
7	Identification of the First ATRIPâ€“Deficient Patient and Novel Mutations in ATR Define a Clinical Spectrum for ATRâ€“ATRIP Seckel Syndrome. PLoS Genetics, 2012, 8, e1002945.	3.5	104
8	Histone Methylation by SETD1A Protects Nascent DNA through the Nucleosome Chaperone Activity of FANCD2. Molecular Cell, 2018, 71, 25-41.e6.	9.7	87
9	Mutations in DONSON disrupt replication fork stability and cause microcephalic dwarfism. Nature Genetics, 2017, 49, 537-549.	21.4	81
10	TRAIP promotes DNA damage response during genome replication and is mutated in primordial dwarfism. Nature Genetics, 2016, 48, 36-43.	21.4	74
11	Adenovirus 12 E4orf6 inhibits ATR activation by promoting TOPBP1 degradation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12251-12256.	7.1	71
12	Serotype-Specific Inactivation of the Cellular DNA Damage Response during Adenovirus Infection. Journal of Virology, 2011, 85, 2201-2211.	3.4	60
13	USP7 inhibition alters homologous recombination repair and targets CLL cells independently of ATM/p53 functional status. Blood, 2017, 130, 156-166.	1.4	60
14	Warsaw Breakage Syndrome associated DDX11 helicase resolves G-quadruplex structures to support sister chromatid cohesion. Nature Communications, 2020, 11, 4287.	12.8	33
15	MYBL2 Supports DNA Double Strand Break Repair in Hematopoietic Stem Cells. Cancer Research, 2018, 78, 5767-5779.	0.9	30
16	Bi-allelic Variants in TONSL Cause SPONASTRIME Dysplasia and a Spectrum of Skeletal Dysplasia Phenotypes. American Journal of Human Genetics, 2019, 104, 422-438.	6.2	27
17	DONSON and FANCM associate with different replisomes distinguished by replication timing and chromatin domain. Nature Communications, 2020, 11, 3951.	12.8	26
18	Bi-allelic MCM10 variants associated with immune dysfunction and cardiomyopathy cause telomere shortening. Nature Communications, 2021, 12, 1626.	12.8	22

#	Article	IF	Citations
19	RECON syndrome is a genome instability disorder caused by mutations in the DNA helicase RECQL1. Journal of Clinical Investigation, 2022, 132, .	8.2	21
20	Degradation of a Novel DNA Damage Response Protein, Tankyrase 1 Binding Protein 1, following Adenovirus Infection. Journal of Virology, 2018, 92, .	3.4	19
21	A Hypomorphic PALB2 Allele Gives Rise to an Unusual Form of FA-N Associated with Lymphoid Tumour Development. PLoS Genetics, 2016, 12, e1005945.	3.5	19
22	Hypomorphic Mutations in TONSL Cause SPONASTRIME Dysplasia. American Journal of Human Genetics, 2019, 104, 439-453.	6.2	16
23	Arginine methylation and ubiquitylation crosstalk controls DNA end-resection and homologous recombination repair. Nature Communications, 2021, 12, 6313.	12.8	16
24	Cancer-Associated SF3B1 Mutations Confer a BRCA-Like Cellular Phenotype and Synthetic Lethality to PARP Inhibitors. Cancer Research, 2022, 82, 819-830.	0.9	16
25	H3K4 methylation by SETD1A/BOD1L facilitates RIF1-dependent NHEJ. Molecular Cell, 2022, 82, 1924-1939.e10.	9.7	16
26	Reduced Contractility and Motility of Prostatic Cancer-Associated Fibroblasts after Inhibition of Heat Shock Protein 90. Cancers, 2016, 8, 77.	3.7	15
27	MYBL2 and ATM suppress replication stress in pluripotent stem cells. EMBO Reports, 2021, 22, e51120.	4.5	15
28	Measuring the effects of fractionated radiation therapy in a 3D prostate cancer model system using SERS nanosensors. Analyst, The, 2016, 141, 5056-5061.	3.5	14
29	Germline RBBP8 variants associated with early-onset breast cancer compromise replication fork stability. Journal of Clinical Investigation, 2020, 130, 4069-4080.	8.2	12
30	Analysis of novel missense ATR mutations reveals new splicing defects underlying Seckel syndrome. Human Mutation, 2018, 39, 1847-1853.	2.5	10
31	ATRX proximal protein associations boast roles beyond histone deposition. PLoS Genetics, 2021, 17, e1009909.	3.5	9
32	Ataxia without telangiectasia revisited: Update on genetic findings in two brothers with an ataxia-telangiectasia-like disorder. Movement Disorders, 2001, 16, 788-789.	3.9	4
33	Replication of the Mammalian Genome by Replisomes Specific for Euchromatin and Heterochromatin. Frontiers in Cell and Developmental Biology, 2021, 9, 729265.	3.7	4
34	PALB2 variant status in hematological malignancies â€“ a potential therapeutic target?. Leukemia and Lymphoma, 2019, 60, 1823-1826.	1.3	1
35	Alchemix, p53 and topoisomerase. Aging, 2015, 7, 601-602.	3.1	0
36	The Promotion of Genomic Instability in Human Fibroblasts by Adenovirus 12 Early Region 1B 55K Protein in the Absence of Viral Infection. Viruses, 2021, 13, 2444.	3.3	0