Alberto Ciccia

List of Publications by Year
in descending order

33	7,426	257357 24	414303 32
papers	citations	h-index	g-index

35	35	35	10484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The DNA Damage Response: Making It Safe to Play with Knives. Molecular Cell, 2010, 40, 179-204.	4.5	3,563
2	Restoration of Replication Fork Stability in BRCA1- and BRCA2-Deficient Cells by Inactivation of SNF2-Family Fork Remodelers. Molecular Cell, 2017, 68, 414-430.e8.	4.5	295
3	Smarcal1-Mediated Fork Reversal Triggers Mre11-Dependent Degradation of Nascent DNA in the Absence of Brca2 and Stable Rad51 Nucleofilaments. Molecular Cell, 2017, 67, 867-881.e7.	4.5	288
4	CRISPR-Mediated Base Editing Enables Efficient Disruption of Eukaryotic Genes through Induction of STOP Codons. Molecular Cell, 2017, 67, 1068-1079.e4.	4.5	283
5	Autoantigen discovery with a synthetic human peptidome. Nature Biotechnology, 2011, 29, 535-541.	9.4	267
6	Identification of FAAP24, a Fanconi Anemia Core Complex Protein that Interacts with FANCM. Molecular Cell, 2007, 25, 331-343.	4.5	264
7	Structural and Functional Relationships of the XPF/MUS81 Family of Proteins. Annual Review of Biochemistry, 2008, 77, 259-287.	5.0	244
8	Polyubiquitinated PCNA Recruits the ZRANB3 Translocase to Maintain Genomic Integrity after Replication Stress. Molecular Cell, 2012, 47, 396-409.	4.5	227
9	Replication Fork Slowing and Reversal upon DNA Damage Require PCNA Polyubiquitination and ZRANB3 DNA Translocase Activity. Molecular Cell, 2017, 67, 882-890.e5.	4.5	190
10	Identification and Characterization of the Human Mus81-Eme1 Endonuclease. Journal of Biological Chemistry, 2003, 278, 25172-25178.	1.6	189
11	FANCM and FAAP24 Function in ATR-Mediated Checkpoint Signaling Independently of the Fanconi Anemia Core Complex. Molecular Cell, 2008, 32, 313-324.	4.5	187
12	The SIOD disorder protein SMARCAL1 is an RPA-interacting protein involved in replication fork restart. Genes and Development, 2009, 23, 2415-2425.	2.7	183
13	Functional interrogation of DNA damage response variants with base editing screens. Cell, 2021, 184, 1081-1097.e19.	13.5	145
14	A Systematic Analysis of Factors Localized to Damaged Chromatin Reveals PARP-Dependent Recruitment of Transcription Factors. Cell Reports, 2015, 11, 1486-1500.	2.9	134
15	Eme1 is involved in DNA damage processing and maintenance of genomic stability in mammalian cells. EMBO Journal, 2003, 22, 6137-6147.	3.5	118
16	Proliferating cell nuclear antigen (PCNA)-associated KIAA0101/PAF15 protein is a cell cycle-regulated anaphase-promoting complex/cyclosome substrate. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9845-9850.	3.3	110
17	A Genome-wide Camptothecin Sensitivity Screen Identifies a Mammalian MMS22L-NFKBIL2 Complex Required for Genomic Stability. Molecular Cell, 2010, 40, 645-657.	4.5	99
18	Treacher Collins syndrome TCOF1 protein cooperates with NBS1 in the DNA damage response. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18631-18636.	3.3	92

#	Article	IF	Citations
19	CRISPR-based genome editing through the lens of DNA repair. Molecular Cell, 2022, 82, 348-388.	4.5	90
20	Stimulation of CRISPR-mediated homology-directed repair by an engineered RAD18 variant. Nature Communications, 2019, 10, 3395.	5.8	85
21	Wolfâ€“Hirschhorn syndrome candidate 1 is involved in the cellular response to DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13130-13134.	3.3	78
22	REV1-Polî¶ maintains the viability of homologous recombination-deficient cancer cells through mutagenic repair of PRIMPOL-dependent ssDNA gaps. Molecular Cell, 2021, 81, 4008-4025.e7.	4.5	78
23	The BRCT Domains of the BRCA1 and BARD1 Tumor Suppressors Differentially Regulate Homology-Directed Repair and Stalled Fork Protection. Molecular Cell, 2018, 72, 127-139.e8.	4.5	58
24	Protein interaction discovery using parallel analysis of translated ORFs (PLATO). Nature Biotechnology, 2013, 31, 331-334.	9.4	52
25	MCM8IP activates the MCM8-9 helicase to promote DNA synthesis and homologous recombination upon DNA damage. Nature Communications, 2020, 11, 2948.	5.8	28
26	Time for remodeling: SNF2-family DNA translocases in replication fork metabolism and human disease. DNA Repair, 2020, 95, 102943.	1.3	25
27	Strand annealing and motor driven activities of SMARCAL1 and ZRANB3 are stimulated by RAD51 and the paralog complex. Nucleic Acids Research, 2022, 50, 8008-8022.	6.5	18
28	Stressing Out About RAD52. Molecular Cell, 2016, 64, 1017-1019.	4.5	16
29	Detection of Marker-Free Precision Genome Editing and Genetic Variation through the Capture of Genomic Signatures. Cell Reports, 2020, 30, 3280-3295.e6.	2.9	7
30	Towards a CRISPeR understanding of homologous recombination with high-throughput functional genomics. Current Opinion in Genetics and Development, 2021, 71, 171-181.	1.5	6
31	Assessing kinetics and recruitment of DNA repair factors using high content screens. Cell Reports, 2021, 37, 110176.	2.9	6
32	HATtracting Nucleases to Stalled Forks. Molecular Cell, 2020, 80, 177-180.	4.5	1
33	Mechanism of Replication Fork Reversal and Protection by Human RAD51 and RAD51 Paralogs. SSRN Electronic Journal, 0, , .	0.4	0