Felipe CortÃ©s Ledesma

List of Publications by Year
in descending order

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28	2,536	394286	552653
papers	citations	19	26
		h-index	g-index

30	30	30	3121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide prediction of topoisomerase IIÎ² binding by architectural factors and chromatin accessibility. PLoS Computational Biology, 2021, 17, e1007814.	1.5	8
2	Endogenous topoisomerase II-mediated DNA breaks drive thymic cancer predisposition linked to ATM deficiency. Nature Communications, 2020, 11, 910.	5.8	14
3	GSE4 peptide suppresses oxidative and telomere deficiencies in ataxia telangiectasia patient cells. Cell Death and Differentiation, 2019, 26, 1998-2014.	5.0	22
4	Analysis of Relevance and Redundance onÂTopoisomerase 2b (TOP2B) Binding Sites: A Feature Selection Approach. Lecture Notes in Computer Science, 2018, , 86-101.	1.0	0
5	Regulation of human polÎ» by ATM-mediated phosphorylation during non-homologous end joining. DNA Repair, 2017, 51, 31-45.	1.3	13
6	Chd7 is indispensable for mammalian brain development through activation of a neuronal differentiation programme. Nature Communications, 2017, 8, 14758.	5.8	118
7	ZATT (ZNF451)â€“mediated resolution of topoisomerase 2 DNA-protein cross-links. Science, 2017, 357, 1412-1416.	6.0	127
8	Divergent Requirement for a DNA Repair Enzyme during Enterovirus Infections. MBio, 2016, 7, e01931-15.	1.8	13
9	Does Tyrosyl DNA Phosphodiesterase-2 Play a Role in Hepatitis B Virus Genome Repair?. PLoS ONE, 2015, 10, e0128401.	1.1	69
10	Non-redundant Functions of ATM and DNA-PKcs in Response to DNA Double-Strand Breaks. Cell Reports, 2015, 13, 1598-1609.	2.9	104
11	ATM specifically mediates repair of double-strand breaks with blocked DNA ends. Nature Communications, 2014, 5, 3347.	5.8	95
12	TDP2 protects transcription from abortive topoisomerase activity and is required for normal neural function. Nature Genetics, 2014, 46, 516-521.	9.4	122
13	TDP2â€“Dependent Non-Homologous End-Joining Protects against Topoisomerase IIâ€“Induced DNA Breaks and Genome Instability in Cells and In Vivo. PLoS Genetics, 2013, 9, e1003226.	1.5	139
14	Competing roles of DNA end resection and non-homologous end joining functions in the repair of replication-born double-strand breaks by sister-chromatid recombination. Nucleic Acids Research, 2013, 41, 1669-1683.	6.5	14
15	TDP2/TTRAP Is the Major 5â€²-Tyrosyl DNA Phosphodiesterase Activity in Vertebrate Cells and Is Critical for Cellular Resistance to Topoisomerase II-induced DNA Damage. Journal of Biological Chemistry, 2011, 286, 403-409.	1.6	137
16	The Dot1 Histone Methyltransferase and the Rad9 Checkpoint Adaptor Contribute to Cohesin-Dependent Double-Strand Break Repair by Sister Chromatid Recombination in Saccharomyces cerevisiae. Genetics, 2009, 182, 437-446.	1.2	57
17	A human 5â€²-tyrosyl DNA phosphodiesterase that repairs topoisomerase-mediated DNA damage. Nature, 2009, 461, 674-678.	13.7	364
18	CDK targets Sae2 to control DNA-end resection and homologous recombination. Nature, 2008, 455, 689-692.	13.7	402

#	Article	IF	Citations
19	APLF (C2orf13) Is a Novel Component of Poly(ADP-Ribose) Signaling in Mammalian Cells. Molecular and Cellular Biology, 2008, 28, 7261-7261.	1.1	1
20	APLF (C2orf13) Is a Novel Component of Poly(ADP-Ribose) Signaling in Mammalian Cells. Molecular and Cellular Biology, 2008, 28, 4620-4628.	1.1	85
21	Different genetic requirements for repair of replication-born double-strand breaks by sister-chromatid recombination and break-induced replication. Nucleic Acids Research, 2007, 35, 6560-6570.	6.5	22
22	Smc5â€“Smc6 mediate DNA double-strand-break repair by promoting sister-chromatid recombination. Nature Cell Biology, 2006, 8, 1032-1034.	4.6	170
23	Doubleâ€strand breaks arising by replication through a nick are repaired by cohesinâ€dependent sisterâ€chromatid exchange. EMBO Reports, 2006, 7, 919-926.	2.0	132
24	Sister chromatid recombination. , 2006, , 221-249.		1
25	A Novel Yeast Mutation, rad52-L89F, Causes a Specific Defect in Rad51-Independent Recombination That Correlates With a Reduced Ability of Rad52-L89F to Interact With Rad59. Genetics, 2004, 168, 553-557.	1.2	21
26	The absence of the yeast chromatin assembly factor Asf1 increases genomic instability and sister chromatid exchange. EMBO Reports, 2004, 5, 497-502.	2.0	100
27	Mitotic recombination in Saccharomyces cerevisiae. Current Genetics, 2003, 42, 185-198.	0.8	96
28	Equal Sister Chromatid Exchange Is a Major Mechanism of Double-Strand Break Repair in Yeast. Molecular Cell, 2003, 11, 1661-1671.	4.5	90