

# Felipe Cortés Ledesma

## List of Publications by Year in descending order

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28  
papers

2,536  
citations

394421

19  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide prediction of topoisomerase II <sup>β</sup> binding by architectural factors and chromatin accessibility. <i>PLoS Computational Biology</i> , 2021, 17, e1007814.	3.2	8
2	Endogenous topoisomerase II-mediated DNA breaks drive thymic cancer predisposition linked to ATM deficiency. <i>Nature Communications</i> , 2020, 11, 910.	12.8	14
3	GSE4 peptide suppresses oxidative and telomere deficiencies in ataxia telangiectasia patient cells. <i>Cell Death and Differentiation</i> , 2019, 26, 1998-2014.	11.2	22
4	Analysis of Relevance and Redundance on Topoisomerase 2b (TOP2B) Binding Sites: A Feature Selection Approach. <i>Lecture Notes in Computer Science</i> , 2018, , 86-101.	1.3	0
5	Regulation of human pol <sup>β</sup> by ATM-mediated phosphorylation during non-homologous end joining. <i>DNA Repair</i> , 2017, 51, 31-45.	2.8	13
6	Chd7 is indispensable for mammalian brain development through activation of a neuronal differentiation programme. <i>Nature Communications</i> , 2017, 8, 14758.	12.8	118
7	ZATT (ZNF451)-mediated resolution of topoisomerase 2 DNA-protein cross-links. <i>Science</i> , 2017, 357, 1412-1416.	12.6	127
8	Divergent Requirement for a DNA Repair Enzyme during Enterovirus Infections. <i>MBio</i> , 2016, 7, e01931-15.	4.1	13
9	Does Tyrosyl DNA Phosphodiesterase-2 Play a Role in Hepatitis B Virus Genome Repair?. <i>PLoS ONE</i> , 2015, 10, e0128401.	2.5	69
10	Non-redundant Functions of ATM and DNA-PKcs in Response to DNA Double-Strand Breaks. <i>Cell Reports</i> , 2015, 13, 1598-1609.	6.4	104
11	ATM specifically mediates repair of double-strand breaks with blocked DNA ends. <i>Nature Communications</i> , 2014, 5, 3347.	12.8	95
12	TDP2 protects transcription from abortive topoisomerase activity and is required for normal neural function. <i>Nature Genetics</i> , 2014, 46, 516-521.	21.4	122
13	TDP2-Dependent Non-Homologous End-Joining Protects against Topoisomerase II-Induced DNA Breaks and Genome Instability in Cells and In Vivo. <i>PLoS Genetics</i> , 2013, 9, e1003226.	3.5	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. <i>Nucleic Acids Research</i> , 2013, 41, 1669-1683.	14.5	14
15	TDP2/TTRAP Is the Major 5 <sup>′</sup> -Tyrosyl DNA Phosphodiesterase Activity in Vertebrate Cells and Is Critical for Cellular Resistance to Topoisomerase II-induced DNA Damage. <i>Journal of Biological Chemistry</i> , 2011, 286, 403-409.	3.4	137
16	The Dot1 Histone Methyltransferase and the Rad9 Checkpoint Adaptor Contribute to Cohesin-Dependent Double-Strand Break Repair by Sister Chromatid Recombination in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2009, 182, 437-446.	2.9	57
17	A human 5 <sup>′</sup> -tyrosyl DNA phosphodiesterase that repairs topoisomerase-mediated DNA damage. <i>Nature</i> , 2009, 461, 674-678.	27.8	364
18	CDK targets Sae2 to control DNA-end resection and homologous recombination. <i>Nature</i> , 2008, 455, 689-692.	27.8	402

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19	APLF (C2orf13) Is a Novel Component of Poly(ADP-Ribose) Signaling in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2008, 28, 7261-7261.	2.3	1
20	APLF (C2orf13) Is a Novel Component of Poly(ADP-Ribose) Signaling in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2008, 28, 4620-4628.	2.3	85
21	Different genetic requirements for repair of replication-born double-strand breaks by sister-chromatid recombination and break-induced replication. <i>Nucleic Acids Research</i> , 2007, 35, 6560-6570.	14.5	22
22	Smc5 and Smc6 mediate DNA double-strand-break repair by promoting sister-chromatid recombination. <i>Nature Cell Biology</i> , 2006, 8, 1032-1034.	10.3	170
23	Double-strand breaks arising by replication through a nick are repaired by cohesin-dependent sister-chromatid exchange. <i>EMBO Reports</i> , 2006, 7, 919-926.	4.5	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. <i>Genetics</i> , 2004, 168, 553-557.	2.9	21
26	The absence of the yeast chromatin assembly factor Asf1 increases genomic instability and sister chromatid exchange. <i>EMBO Reports</i> , 2004, 5, 497-502.	4.5	100
27	Mitotic recombination in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2003, 42, 185-198.	1.7	96
28	Equal Sister Chromatid Exchange Is a Major Mechanism of Double-Strand Break Repair in Yeast. <i>Molecular Cell</i> , 2003, 11, 1661-1671.	9.7	90