

Pablo Huertas

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,464
citations

257101

24
h-index

205818

48
g-index

60
all docs

60
docs citations

60
times ranked

4269
citing authors

#	ARTICLE	IF	CITATIONS
1	Cotranscriptionally Formed DNA:RNA Hybrids Mediate Transcription Elongation Impairment and Transcription-Associated Recombination. <i>Molecular Cell</i> , 2003, 12, 711-721.	4.5	630
2	Human CtIP Mediates Cell Cycle Control of DNA End Resection and Double Strand Break Repair. <i>Journal of Biological Chemistry</i> , 2009, 284, 9558-9565.	1.6	420
3	CDK targets Sae2 to control DNA-end resection and homologous recombination. <i>Nature</i> , 2008, 455, 689-692.	13.7	402
4	DNA resection in eukaryotes: deciding how to fix the break. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 11-16.	3.6	354
5	BRCA1 Accelerates CtIP-Mediated DNA-End Resection. <i>Cell Reports</i> , 2014, 9, 451-459.	2.9	207
6	The THP1-SAC3-SUS1-CDC31 Complex Works in Transcription Elongation-mRNA Export Preventing RNA-mediated Genome Instability. <i>Molecular Biology of the Cell</i> , 2008, 19, 4310-4318.	0.9	128
7	CtIP Mutations Cause Seckel and Jawad Syndromes. <i>PLoS Genetics</i> , 2011, 7, e1002310.	1.5	109
8	Interdependence between Transcription and mRNP Processing and Export, and Its Impact on Genetic Stability. <i>Molecular Cell</i> , 2005, 18, 711-722.	4.5	105
9	UBQLN4 Represses Homologous Recombination and Is Overexpressed in Aggressive Tumors. <i>Cell</i> , 2019, 176, 505-519.e22.	13.5	100
10	Studying DNA Double-Strand Break Repair: An Ever-Growing Toolbox. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 24.	1.6	99
11	Mitotic recombination in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2003, 42, 185-198.	0.8	96
12	EXOSC10 is required for RPA assembly and controlled DNA end resection at DNA double-strand breaks. <i>Nature Communications</i> , 2019, 10, 2135.	5.8	82
13	Neddylation inhibits CtIP-mediated resection and regulates DNA double strand break repair pathway choice. <i>Nucleic Acids Research</i> , 2015, 43, 987-999.	6.5	45
14	Importance of hydrophobic interactions in the single-chained cationic surfactant-DNA complexation. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 197-205.	5.0	43
15	A genome-wide screening uncovers the role of CCAR2 as an antagonist of DNA end resection. <i>Nature Communications</i> , 2016, 7, 12364.	5.8	40
16	The Ubiquitin E3/E4 Ligase UBE4A Adjusts Protein Ubiquitylation and Accumulation at Sites of DNA Damage, Facilitating Double-Strand Break Repair. <i>Molecular Cell</i> , 2018, 69, 866-878.e7.	4.5	40
17	DNA end resection requires constitutive sumoylation of CtIP by CBX4. <i>Nature Communications</i> , 2017, 8, 113.	5.8	38
18	An hpr1 Point Mutation That Impairs Transcription and mRNP Biogenesis without Increasing Recombination. <i>Molecular and Cellular Biology</i> , 2006, 26, 7451-7465.	1.1	36

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19	New Tools to Study DNA Double-Strand Break Repair Pathway Choice. <i>PLoS ONE</i> , 2013, 8, e77206.	1.1	36
20	The Helicase PIF1 Facilitates Resection over Sequences Prone to Forming G4 Structures. <i>Cell Reports</i> , 2018, 24, 3262-3273.e4.	2.9	36
21	Decapping protein EDC4 regulates DNA repair and phenocopies BRCA1. <i>Nature Communications</i> , 2018, 9, 967.	5.8	33
22	Different physiological relevance of yeast THO/TREX subunits in gene expression and genome integrity. <i>Molecular Genetics and Genomics</i> , 2008, 279, 123-132.	1.0	32
23	The COP9 signalosome is vital for timely repair of DNA double-strand breaks. <i>Nucleic Acids Research</i> , 2015, 43, 4517-4530.	6.5	32
24	Prognostic value of CtIP/RBBP8 expression in breast cancer. <i>Cancer Medicine</i> , 2013, 2, 774-783.	1.3	31
25	ADAR-mediated RNA editing of DNA:RNA hybrids is required for DNA double strand break repair. <i>Nature Communications</i> , 2021, 12, 5512.	5.8	30
26	Multiple roles of the splicing complex SF3B in DNA end resection and homologous recombination. <i>DNA Repair</i> , 2018, 66-67, 11-23.	1.3	23
27	The role of RNA and RNA-related proteins in the regulation of DNA double strand break repair pathway choice. <i>DNA Repair</i> , 2019, 81, 102662.	1.3	23
28	Multivalent Calixarene-Based Liposomes as Platforms for Gene and Drug Delivery. <i>Pharmaceutics</i> , 2021, 13, 1250.	2.0	21
29	PHF2 regulates homology-directed DNA repair by controlling the resection of DNA double strand breaks. <i>Nucleic Acids Research</i> , 2020, 48, 4915-4927.	6.5	19
30	Single Molecule Analysis of Resection Tracks. <i>Methods in Molecular Biology</i> , 2018, 1672, 147-154.	0.4	16
31	Nuclear poly(A)-binding protein 1 is an ATM target and essential for DNA double-strand break repair. <i>Nucleic Acids Research</i> , 2018, 46, 730-747.	6.5	15
32	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.	6.5	14
33	TRIM37 prevents formation of centriolar protein assemblies by regulating Centrobin. <i>ELife</i> , 2021, 10, .	2.8	13
34	Targeting the centriolar replication factor STIL synergizes with DNA damaging agents for treatment of ovarian cancer. <i>Oncotarget</i> , 2017, 8, 27380-27392.	0.8	13
35	ALC1/eIF4A1-mediated regulation of CtIP mRNA stability controls DNA end resection. <i>PLoS Genetics</i> , 2020, 16, e1008787.	1.5	11
36	The Emerging Role of RNA Modifications in DNA Double-Strand Break Repair. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 664872.	1.6	11

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37	Metallo-Liposomes of Ruthenium Used as Promising Vectors of Genetic Material. <i>Pharmaceutics</i> , 2020, 12, 482.	2.0	9
38	Controlling the balance between chromosome break repair pathways. <i>Advances in Protein Chemistry and Structural Biology</i> , 2019, 115, 95-134.	1.0	8
39	Preparation of a radiobiology beam line at the 18ÂMeV proton cyclotron facility at CNA. <i>Physica Medica</i> , 2020, 74, 19-29.	0.4	8
40	CtIP-Specific Roles during Cell Reprogramming Have Long-Term Consequences in the Survival and Fitness of Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 432-445.	2.3	7
41	Methylation of the central transcriptional regulator KLF4 by PRMT5 is required for DNA end resection and recombination. <i>DNA Repair</i> , 2020, 94, 102902.	1.3	7
42	Cationic Single-Chained Surfactants with a Functional Group at the End of the Hydrophobic Tail DNA Compacting Efficiency. <i>Pharmaceutics</i> , 2021, 13, 589.	2.0	7
43	CtIP-mediated alternative mRNA splicing fine-tunes the DNA damage response. <i>Rna</i> , 2021, 27, 303-323.	1.6	6
44	Exploring the association between polymorphisms at 3â™UTR SLC11A1 gene microsatellites and resistance to tuberculosis: A case-control study in Bos taurus dairy cattle. <i>Livestock Science</i> , 2018, 210, 1-7.	0.6	4
45	MRGBP, a member of the NuA4 complex, inhibits DNA doubleâ€strand break repair. <i>FEBS Open Bio</i> , 2021, 11, 622-632.	1.0	4
46	The Effect of Atypical Nucleic Acids Structures in DNA Double Strand Break Repair: A Tale of R-loops and G-Quadruplexes. <i>Frontiers in Genetics</i> , 2021, 12, 742434.	1.1	4
47	Chromosome instability: From molecular mechanisms to disease. <i>DNA Repair</i> , 2018, 66-67, 72-75.	1.3	1
48	Speed matters: How subtle changes in DNA end resection rate affect repair. <i>Molecular and Cellular Oncology</i> , 2015, 2, e982964.	0.3	0
49	ALC1/eIF4A1-mediated regulation of CtIP mRNA stability controls DNA end resection. , 2020, 16, e1008787.		0
50	ALC1/eIF4A1-mediated regulation of CtIP mRNA stability controls DNA end resection. , 2020, 16, e1008787.		0
51	ALC1/eIF4A1-mediated regulation of CtIP mRNA stability controls DNA end resection. , 2020, 16, e1008787.		0
52	ALC1/eIF4A1-mediated regulation of CtIP mRNA stability controls DNA end resection. , 2020, 16, e1008787.		0