

Jose F Ruiz

List of Publications by Year in descending order

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18
papers

946
citations

687363

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839539

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all docs

18
docs citations

18
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA polymerase lambda (Pol λ), a novel eukaryotic DNA polymerase with a potential role in meiosis 1 Edited by M. Yaniv. Journal of Molecular Biology, 2000, 301, 851-867.	4.2	268
2	DNA Polymerase λ , a Novel DNA Repair Enzyme in Human Cells. Journal of Biological Chemistry, 2002, 277, 13184-13191.	3.4	166
3	Lack of sugar discrimination by human Pol λ requires a single glycine residue. Nucleic Acids Research, 2003, 31, 4441-4449.	14.5	87
4	A specific loop in human DNA polymerase mu allows switching between creative and DNA-instructed synthesis. Nucleic Acids Research, 2006, 34, 4572-4582.	14.5	65
5	Yra1-bound RNA-DNA hybrids cause orientation-independent transcription replication collisions and telomere instability. Genes and Development, 2018, 32, 965-977.	5.9	58
6	DNA polymerase mu, a candidate hypermutase?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 99-109.	4.0	57
7	Chromosomal Translocations Caused by Either Pol32-Dependent or Pol32-Independent Triparental Break-Induced Replication. Molecular and Cellular Biology, 2009, 29, 5441-5454.	2.3	49
8	AID Induces Double-Strand Breaks at Immunoglobulin Switch Regions and c-MYC Causing Chromosomal Translocations in Yeast THO Mutants. PLoS Genetics, 2011, 7, e1002009.	3.5	39
9	Overexpression of human DNA polymerase λ (Pol λ) in a Burkitt's lymphoma cell line affects the somatic hypermutation rate. Nucleic Acids Research, 2004, 32, 5861-5873.	14.5	35
10	Characterization of SpPol4, a unique X-family DNA polymerase in Schizosaccharomyces pombe. Nucleic Acids Research, 2005, 33, 4762-4774.	14.5	29
11	Polymerase λ is up-regulated during the T cell-dependent immune response and its deficiency alters developmental dynamics of spleen centroblasts. European Journal of Immunology, 2005, 35, 1601-1611.	2.9	18
12	Genetic and Molecular Analysis of Mitotic Recombination in Saccharomyces cerevisiae. Methods in Molecular Biology, 2011, 745, 151-172.	0.9	16
13	A new role for Rrm3 in repair of replication-born DNA breakage by sister chromatid recombination. PLoS Genetics, 2017, 13, e1006781.	3.5	15
14	Regulation of human pol λ by ATM-mediated phosphorylation during non-homologous end joining. DNA Repair, 2017, 51, 31-45.	2.8	13
15	“An End to a Means” How DNA-End Structure Shapes the Double-Strand Break Repair Process. Frontiers in Molecular Biosciences, 2019, 6, 153.	3.5	13
16	Pol λ tumor variants decrease the efficiency and accuracy of NHEJ. Nucleic Acids Research, 2017, 45, 10018-10031.	14.5	9
17	Yeast Pol4 Promotes Tel1-Regulated Chromosomal Translocations. PLoS Genetics, 2013, 9, e1003656.	3.5	7
18	Are There Mutator Polymerases?. Scientific World Journal, The, 2003, 3, 422-431.	2.1	2