

Sonia Silva

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

473
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Cmr1/WDR76 defines a nuclear genotoxic stress body linking genome integrity and protein quality control. <i>Nature Communications</i> , 2015, 6, 6533.	12.8	80
2	SUMO-Dependent Relocalization of Eroded Telomeres to Nuclear Pore Complexes Controls Telomere Recombination. <i>Cell Reports</i> , 2016, 15, 1242-1253.	6.4	79
3	Human mitochondrial degradosome prevents harmful mitochondrial R loops and mitochondrial genome instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11024-11029.	7.1	67
4	BRCA2 promotes DNA-RNA hybrid resolution by DDX5 helicase at DNA breaks to facilitate their repair. <i>EMBO Journal</i> , 2021, 40, e106018.	7.8	63
5	The Smc5/6 complex regulates the yeast Mph1 helicase at RNA-DNA hybrid-mediated DNA damage. <i>PLoS Genetics</i> , 2017, 13, e1007136.	3.5	47
6	ADAR-mediated RNA editing of DNA:RNA hybrids is required for DNA double strand break repair. <i>Nature Communications</i> , 2021, 12, 5512.	12.8	30
7	Mte1 interacts with Mph1 and promotes crossover recombination and telomere maintenance. <i>Genes and Development</i> , 2016, 30, 700-717.	5.9	27
8	In vitro functional characterization of missense mutations in the LDLR gene. <i>Atherosclerosis</i> , 2012, 225, 128-134.	0.8	21
9	Live Cell Microscopy of DNA Damage Response in <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2012, 920, 433-443.	0.9	20
10	Pro-recombination Role of Srs2 Protein Requires SUMO (Small Ubiquitin-like Modifier) but Is Independent of PCNA (Proliferating Cell Nuclear Antigen) Interaction. <i>Journal of Biological Chemistry</i> , 2016, 291, 7594-7607.	3.4	19
11	SUMOylation of Rad52-Rad59 synergistically change the outcome of mitotic recombination. <i>DNA Repair</i> , 2016, 42, 11-25.	2.8	9
12	Cardiovascular risk profile of high school students: A cross-sectional study. <i>Revista Portuguesa De Cardiologia</i> , 2014, 33, 525-534.	0.5	6
13	RNase H1 Hybrid-Binding Domain-Based Tools for Cellular Biology Studies of DNA-RNA Hybrids in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2022, , 115-125.	0.9	5