Stephane Coulon

List of Publications by Year
in descending order

24	1,142	623734 14	642732 23
papers	citations	h-index	g-index

26	26	26	1547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human SLX4 Is a Holliday Junction Resolvase Subunit that Binds Multiple DNA Repair/Recombination Endonucleases. Cell, 2009, 138, 78-89.	28.9	369
2	Slx1-Slx4 Are Subunits of a Structure-specific Endonuclease That Maintains Ribosomal DNA in Fission Yeast. Molecular Biology of the Cell, 2004, 15, 71-80.	2.1	108
3	Increase in dNTP pool size during the DNA damage response plays a key role in spontaneous and induced-mutagenesis in Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19311-19316.	7.1	90
4	<scp>RPA</scp> prevents Gâ€rich structure formation at laggingâ€strand telomeres to allow maintenance of chromosome ends. EMBO Journal, 2015, 34, 1942-1958.	7.8	82
5	Regulation of Mus81â€“Eme1 Holliday junction resolvase in response to DNA damage. Nature Structural and Molecular Biology, 2013, 20, 598-603.	8.2	70
6	Solving the Telomere Replication Problem. Genes, 2017, 8, 55.	2.4	68
7	RPA facilitates telomerase activity at chromosome ends in budding and fission yeasts. EMBO Journal, 2012, 31, 2034-2046.	7.8	44
8	Cdc13 and Telomerase Bind through Different Mechanisms at the Lagging- and Leading-Strand Telomeres. Molecular Cell, 2010, 38, 842-852.	9.7	42
9	Rad8Rad5/Mms2â€“Ubc13 ubiquitin ligase complex controls translesion synthesis in fission yeast. EMBO Journal, 2010, 29, 2048-2058.	7.8	37
10	Rad22Rad52-dependent Repair of Ribosomal DNA Repeats Cleaved by Slx1-Slx4 Endonuclease. Molecular Biology of the Cell, 2006, 17, 2081-2090.	2.1	34
11	Gain-of-function mutations in RPA1 cause a syndrome with short telomeres and somatic genetic rescue. Blood, 2022, 139, 1039-1051.	1.4	29
12	Eroded telomeres are rearranged in quiescent fission yeast cells through duplications of subtelomeric sequences. Nature Communications, 2017, 8, 1684.	12.8	28
13	Telomerase Repairs Collapsed Replication Forks at Telomeres. Cell Reports, 2020, 30, 3312-3322.e3.	6.4	28
14	RPA and Pif1 cooperate to remove G-rich structures at both leading and lagging strand. Cell Stress, 2020, 4, 48-63.	3.2	25
15	The fission yeast Stn1-Ten1 complex limits telomerase activity via its SUMO-interacting motif and promotes telomeres replication. Science Advances, 2018, 4, eaar2740.	10.3	21
16	Nuclear envelope attachment of telomeres limits TERRA and telomeric rearrangements in quiescent fission yeast cells. Nucleic Acids Research, 2020, 48, 3029-3041.	14.5	18
17	Ubiquitin-PCNA fusion as a mimic for mono-ubiquitinated PCNA in Schizosaccharomyces pombe. DNA Repair, 2010, 9, 777-784.	2.8	13
18	Ssu72 phosphatase is a conserved telomere replication terminator. EMBO Journal, 2019, 38, .	7.8	11

#	Article	IF	Citations
19	Telomeric Transcription and Telomere Rearrangements in Quiescent Cells. Journal of Molecular Biology, 2020, 432, 4220-4231.	4.2	7
20	Photoactivatable oligonucleotide probes to trap single-stranded DNA binding proteins: Updating the potential of 4-thiothymidine from a comparative study. Biochimie, 2018, 154, 164-175.	2.6	6
21	STEEx, a boundary between the world of quiescence and the vegetative cycle. Current Genetics, 2018, 64, 901-905.	1.7	5
22	Cyclic peptides selected by phage display mimic the natural epitope recognized by a monoclonal anti-colicin A antibody. Journal of Peptide Science, 2004, 10, 648-658.	1.4	4
23	<scp>TERRA</scp> Incognita at chromosome ends. EMBO Reports, 2016, 17, 933-934.	4.5	2
24	Regulation of Mus81-Eme1 structure-specific endonuclease by Eme1 SUMO-binding and Rad3ATR kinase is essential in the absence of Rqh1BLM helicase. PLoS Genetics, 2022, 18, e1010165.	3.5	1