

Stephane Coulon

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,142
citations

623734

14
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1547
citing authors

#	ARTICLE	IF	CITATIONS
1	Gain-of-function mutations in RPA1 cause a syndrome with short telomeres and somatic genetic rescue. <i>Blood</i> , 2022, 139, 1039-1051.	1.4	29
2	Regulation of Mus81-Eme1 structure-specific endonuclease by Eme1 SUMO-binding and Rad3ATR kinase is essential in the absence of Rqh1BLM helicase. <i>PLoS Genetics</i> , 2022, 18, e1010165.	3.5	1
3	Telomerase Repairs Collapsed Replication Forks at Telomeres. <i>Cell Reports</i> , 2020, 30, 3312-3322.e3.	6.4	28
4	Nuclear envelope attachment of telomeres limits TERRA and telomeric rearrangements in quiescent fission yeast cells. <i>Nucleic Acids Research</i> , 2020, 48, 3029-3041.	14.5	18
5	Telomeric Transcription and Telomere Rearrangements in Quiescent Cells. <i>Journal of Molecular Biology</i> , 2020, 432, 4220-4231.	4.2	7
6	RPA and Pif1 cooperate to remove G-rich structures at both leading and lagging strand. <i>Cell Stress</i> , 2020, 4, 48-63.	3.2	25
7	Ssu72 phosphatase is a conserved telomere replication terminator. <i>EMBO Journal</i> , 2019, 38, .	7.8	11
8	STEEEx, a boundary between the world of quiescence and the vegetative cycle. <i>Current Genetics</i> , 2018, 64, 901-905.	1.7	5
9	Photoactivatable oligonucleotide probes to trap single-stranded DNA binding proteins: Updating the potential of 4-thiothymidine from a comparative study. <i>Biochimie</i> , 2018, 154, 164-175.	2.6	6
10	The fission yeast Stn1-Ten1 complex limits telomerase activity via its SUMO-interacting motif and promotes telomeres replication. <i>Science Advances</i> , 2018, 4, eaar2740.	10.3	21
11	Eroded telomeres are rearranged in quiescent fission yeast cells through duplications of subtelomeric sequences. <i>Nature Communications</i> , 2017, 8, 1684.	12.8	28
12	Solving the Telomere Replication Problem. <i>Genes</i> , 2017, 8, 55.	2.4	68
13	<i><sc>TERRA</sc> Incognita</i> at chromosome ends. <i>EMBO Reports</i> , 2016, 17, 933-934.	4.5	2
14	<sc>RPA</sc> prevents G-rich structure formation at lagging strand telomeres to allow maintenance of chromosome ends. <i>EMBO Journal</i> , 2015, 34, 1942-1958.	7.8	82
15	Regulation of Mus81-Eme1 Holliday junction resolvase in response to DNA damage. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 598-603.	8.2	70
16	RPA facilitates telomerase activity at chromosome ends in budding and fission yeasts. <i>EMBO Journal</i> , 2012, 31, 2034-2046.	7.8	44
17	Increase in dNTP pool size during the DNA damage response plays a key role in spontaneous and induced-mutagenesis in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19311-19316.	7.1	90
18	Ubiquitin-PCNA fusion as a mimic for mono-ubiquitinated PCNA in <i>Schizosaccharomyces pombe</i> . <i>DNA Repair</i> , 2010, 9, 777-784.	2.8	13

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19	Rad8Rad51/Mms2-Ubc13 ubiquitin ligase complex controls translesion synthesis in fission yeast. EMBO Journal, 2010, 29, 2048-2058.	7.8	37
20	Cdc13 and Telomerase Bind through Different Mechanisms at the Lagging- and Leading-Strand Telomeres. Molecular Cell, 2010, 38, 842-852.	9.7	42
21	Human SLX4 Is a Holliday Junction Resolvase Subunit that Binds Multiple DNA Repair/Recombination Endonucleases. Cell, 2009, 138, 78-89.	28.9	369
22	Rad22Rad52-dependent Repair of Ribosomal DNA Repeats Cleaved by Slx1-Slx4 Endonuclease. Molecular Biology of the Cell, 2006, 17, 2081-2090.	2.1	34
23	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
24	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