Serge Gangloff

List of Publications by Citations

19 papers	1,713 citations	15 h-index	23 g-index
23 ext. papers	1,858 ext. citations	13.5 avg, IF	4.33 L-index

#	Paper	IF	Citations
19	Homologous recombination is responsible for cell death in the absence of the Sgs1 and Srs2 helicases. *Nature Genetics*, **2000**, 25, 192-4	36.3	312
18	Alternate pathways involving Sgs1/Top3, Mus81/ Mms4, and Srs2 prevent formation of toxic recombination intermediates from single-stranded gaps created by DNA replication. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 16887-92	11.5	277
17	The RecQ DNA helicases in DNA repair. *Annual Review of Genetics*, **2010**, 44, 393-417	14.5	215
16	Replication fork pausing and recombination or gimme a break *Genes and Development*, **2000**, 14, 1-10	12.6	155
15	A yeast mating-selection scheme for detection of protein-protein interactions. *Nucleic Acids Research*, **1994**, 22, 1778-9	20.1	117
14	The essential role of yeast topoisomerase III in meiosis depends on recombination. *EMBO Journal*, **1999**, 18, 1701-11	13	101
13	The Srs2 helicase activity is stimulated by Rad51 filaments on dsDNA: implications for crossover incidence during mitotic recombination. *Molecular Cell*, **2008**, 29, 243-54	17.6	98
12	DNA polymerase delta is preferentially recruited during homologous recombination to promote heteroduplex DNA extension. *Molecular and Cellular Biology*, **2008**, 28, 1373-82	4.8	87
11	Mrc1 and Srs2 are major actors in the regulation of spontaneous crossover. *EMBO Journal*, **2006**, 25, 2837-46	13	85
10	Mutations in homologous recombination genes rescue top3 slow growth in Saccharomyces cerevisiae. *Genetics*, **2002**, 162, 647-62	4	76
9	Srs2 mediates PCNA-SUMO-dependent inhibition of DNA repair synthesis. *EMBO Journal*, **2013**, 32, 742-55	13	54
8	Hyper-recombination and Bloom's syndrome: microbes again provide clues about cancer. *Genome Research*, **1995**, 5, 421-6	9.7	35
7	Srs2 removes deadly recombination intermediates independently of its interaction with SUMO-modified PCNA. *Nucleic Acids Research*, **2008**, 36, 4964-74	20.1	29
6	Stable interactions between DNA polymerase catalytic and structural subunits are essential for efficient DNA repair. *DNA Repair*, **2010**, 9, 1098-111	4.3	21
5	Quiescence unveils a novel mutational force in fission yeast. *ELife*, **2017**, 6,	8.9	16
4	DNA repair and mutations during quiescence in yeast. *FEMS Yeast Research*, **2017**, 17,	3.1	15
3	Molecular signature of the imprintosome complex at the mating-type locus in fission yeast. *Microbial Cell*, **2018**, 5, 169-183	3.9	3

List of Publications

2	Nitrogen starvation reveals the mitotic potential of mutants in the S/MAPK pathways. *Nature Communications*, **2020**, 11, 1973	17.4	2
1	The quiescent X, the replicative Y and the Autosomes		2