

Serge Gangloff

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Nitrogen starvation reveals the mitotic potential of mutants in the S/MAPK pathways. <i>Nature Communications</i> , 2020 , 11, 1973	17.4	2
18	Molecular signature of the imprintosome complex at the mating-type locus in fission yeast. <i>Microbial Cell</i> , 2018 , 5, 169-183	3.9	3
17	DNA repair and mutations during quiescence in yeast. <i>FEMS Yeast Research</i> , 2017 , 17,	3.1	15
16	Quiescence unveils a novel mutational force in fission yeast. <i>ELife</i> , 2017 , 6,	8.9	16
15	Srs2 mediates PCNA-SUMO-dependent inhibition of DNA repair synthesis. <i>EMBO Journal</i> , 2013 , 32, 742-55		54
14	The RecQ DNA helicases in DNA repair. <i>Annual Review of Genetics</i> , 2010 , 44, 393-417	14.5	215
13	Stable interactions between DNA polymerase ϵ catalytic and structural subunits are essential for efficient DNA repair. <i>DNA Repair</i> , 2010 , 9, 1098-111	4.3	21
12	The Srs2 helicase activity is stimulated by Rad51 filaments on dsDNA: implications for crossover incidence during mitotic recombination. <i>Molecular Cell</i> , 2008 , 29, 243-54	17.6	98
11	Srs2 removes deadly recombination intermediates independently of its interaction with SUMO-modified PCNA. <i>Nucleic Acids Research</i> , 2008 , 36, 4964-74	20.1	29
10	DNA polymerase delta is preferentially recruited during homologous recombination to promote heteroduplex DNA extension. <i>Molecular and Cellular Biology</i> , 2008 , 28, 1373-82	4.8	87
9	Mrc1 and Srs2 are major actors in the regulation of spontaneous crossover. <i>EMBO Journal</i> , 2006 , 25, 2837-46	13	85
8	Alternate pathways involving Sgs1/Top3, Mus81/ Mms4, and Srs2 prevent formation of toxic recombination intermediates from single-stranded gaps created by DNA replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 16887-92	11.5	277
7	Mutations in homologous recombination genes rescue top3 slow growth in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2002 , 162, 647-62	4	76
6	Homologous recombination is responsible for cell death in the absence of the Sgs1 and Srs2 helicases. <i>Nature Genetics</i> , 2000 , 25, 192-4	36.3	312
5	Replication fork pausing and recombination or "give me a break" <i>Genes and Development</i> , 2000 , 14, 1-10	12.6	155
4	The essential role of yeast topoisomerase III in meiosis depends on recombination. <i>EMBO Journal</i> , 1999 , 18, 1701-11	13	101
3	Hyper-recombination and Bloom's syndrome: microbes again provide clues about cancer. <i>Genome Research</i> , 1995 , 5, 421-6	9.7	35

- 2 A yeast mating-selection scheme for detection of protein-protein interactions. *Nucleic Acids Research*, **1994**, 22, 1778-9 20.1 117
- 1 The quiescent X, the replicative Y and the Autosomes 2