AurÃ¨le Piazza

List of Publications by Year
in descending order

25 papers	1,448 citations	687363 13 h-index	839539 18 g-index
30 all docs	30 docs citations	30 times ranked	1493 citing authors

#	Article	IF	Citations
1	The Yeast Pif1 Helicase Prevents Genomic Instability Caused by G-Quadruplex-Forming CEB1 Sequences In Vivo. PLoS Genetics, 2009, 5, e1000475.	3.5	316
2	G-quadruplex-induced instability during leading-strand replication. EMBO Journal, 2011, 30, 4033-4046.	7.8	269
3	Genetic instability triggered by G-quadruplex interacting Phen-DC compounds in Saccharomyces cerevisiae. Nucleic Acids Research, 2010, 38, 4337-4348.	14.5	154
4	Short loop length and high thermal stability determine genomic instability induced by Gâ€quadruplexâ€forming minisatellites. EMBO Journal, 2015, 34, 1718-1734.	7.8	117
5	Multi-invasions Are Recombination Byproducts that Induce Chromosomal Rearrangements. Cell, 2017, 170, 760-773.e15.	28.9	101
6	Dynamic Processing of Displacement Loops during Recombinational DNA Repair. Molecular Cell, 2019, 73, 1255-1266.e4.	9.7	84
7	Homologous Recombination and the Formation of Complex Genomic Rearrangements. Trends in Cell Biology, 2019, 29, 135-149.	7.9	76
8	Characterizing meiotic chromosomes' structure and pairing using a designer sequence optimized for Hiâ€. Molecular Systems Biology, 2018, 14, e8293.	7.2	63
9	Stimulation of Gross Chromosomal Rearrangements by the Human CEB1 and CEB25 Minisatellites in Saccharomyces cerevisiae Depends on G-Quadruplexes or Cdc13. PLoS Genetics, 2012, 8, e1003033.	3.5	60
10	Moving forward one step back at a time: reversibility during homologous recombination. Current Genetics, 2019, 65, 1333-1340.	1.7	44
11	Cohesin regulates homology search during recombinational DNA repair. Nature Cell Biology, 2021, 23, 1176-1186.	10.3	43
12	Non-Canonical G-quadruplexes cause the hCEB1 minisatellite instability in Saccharomyces cerevisiae. ELife, 2017, 6, .	6.0	34
13	Multiâ€invasionâ€induced Rearrangements as a Pathway for Physiological and Pathological Recombination. BioEssays, 2018, 40, e1700249.	2.5	28
14	Rdh54/Tid1 inhibits Rad51-Rad54-mediated D-loop formation and limits D-loop length. ELife, 2020, 9, .	6.0	18
15	A Proximity Ligation-Based Method for Quantitative Measurement of D-Loop Extension in S. cerevisiae. Methods in Enzymology, 2018, 601, 27-44.	1.0	15
16	Recombination-mediated genome rearrangements. Current Opinion in Genetics and Development, 2021, 71, 63-71.	3.3	11
17	Physical and Genetic Assays for the Study of DNA Joint Molecules Metabolism and Multi-invasion-Induced Rearrangements in S. cerevisiae. Methods in Molecular Biology, 2021, 2153, 535-554.	0.9	5
18	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. PLoS Genetics, 2020, 16, e1008816.	3.5	2

#	Article	IF	Citations
19	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. , 2020, 16, e1008816.		0
20	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. , 2020, 16, e1008816.		0
21	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. , 2020, 16, e1008816.		0
22	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. , 2020, 16, e1008816.		0
23	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. , 2020, 16, e1008816.		0
24	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. , 2020, 16, e1008816.		0
25	Saccharomyces cerevisiae Mus81-Mms4 prevents accelerated senescence in telomerase-deficient cells. , 2020, 16, e1008816.		0