

Stephen E Kearsey

List of Publications by Citations

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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.

26
papers

1,795
citations

15
h-index

42
g-index

80
ext. papers

2,068
ext. citations

11.2
avg, IF

4.4
L-index

#	Paper	IF	Citations
26	Germline mutations affecting the proofreading domains of POLE and POLD1 predispose to colorectal adenomas and carcinomas. <i>Nature Genetics</i> , 2013 , 45, 136-44	36.3	686
25	A panoply of errors: polymerase proofreading domain mutations in cancer. <i>Nature Reviews Cancer</i> , 2016 , 16, 71-81	31.3	205
24	MCM proteins: evolution, properties, and role in DNA replication. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998 , 1398, 113-36		198
23	The role of MCM proteins in the cell cycle control of genome duplication. <i>BioEssays</i> , 1996 , 18, 183-90	4.1	130
22	MCM2-7 proteins are essential components of prereplicative complexes that accumulate cooperatively in the nucleus during G1-phase and are required to establish, but not maintain, the S-phase checkpoint. <i>Molecular Biology of the Cell</i> , 2001 , 12, 3658-67	3.5	115
21	Enigmatic variations: divergent modes of regulating eukaryotic DNA replication. <i>Molecular Cell</i> , 2003 , 12, 1067-75	17.6	76
20	DNA damage induces Cdt1 proteolysis in fission yeast through a pathway dependent on Cdt2 and Ddb1. <i>EMBO Reports</i> , 2006 , 7, 1134-9	6.5	75
19	A Critical Balance: dNTPs and the Maintenance of Genome Stability. <i>Genes</i> , 2017 , 8,	4.2	65
18	Cellular regulation of ribonucleotide reductase in eukaryotes. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 30, 97-103	7.5	46
17	POLE mutations in families predisposed to cutaneous melanoma. <i>Familial Cancer</i> , 2015 , 14, 621-8	3	38
16	Monitoring DNA replication in fission yeast by incorporation of 5-ethynyl-2βdeoxyuridine. <i>Nucleic Acids Research</i> , 2011 , 39, e60	20.1	28
15	TFIIS and strand-transfer proteins. <i>Nature</i> , 1991 , 353, 509	50.4	20
14	Cdt1 proteolysis is promoted by dual PIP degrons and is modulated by PCNA ubiquitylation. <i>Nucleic Acids Research</i> , 2011 , 39, 5978-90	20.1	17
13	Set2 Methyltransferase Facilitates DNA Replication and Promotes Genotoxic Stress Responses through MBF-Dependent Transcription. <i>Cell Reports</i> , 2017 , 20, 2693-2705	10.6	15
12	The yeast co-activator GAL11 positively influences transcription of the phosphoglycerate kinase gene, but only when RAP1 is bound to its upstream activation sequence. <i>Molecular Genetics and Genomics</i> , 1994 , 243, 207-14		15
11	Analysis of Mcm2-7 chromatin binding during anaphase and in the transition to quiescence in fission yeast. <i>Experimental Cell Research</i> , 2006 , 312, 3360-9	4.2	14
10	Replication origins in yeast chromosomes. <i>BioEssays</i> , 1986 , 4, 157-161	4.1	11

9	In situ assay for analyzing the chromatin binding of proteins in fission yeast. <i>Methods in Molecular Biology</i> , 2005 , 296, 181-8	1.4	10
8	Using the DHFR heat-inducible degron for protein inactivation in <i>Schizosaccharomyces pombe</i> . <i>Methods in Molecular Biology</i> , 2009 , 521, 483-92	1.4	10
7	An essential role for dNTP homeostasis following CDK-induced replication stress. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	7
6	Sequential steps in DNA replication are inhibited to ensure reduction of ploidy in meiosis. <i>Molecular Biology of the Cell</i> , 2013 , 24, 578-87	3.5	5
5	Real-time imaging of DNA damage in yeast cells using ultra-short near-infrared pulsed laser irradiation. <i>PLoS ONE</i> , 2014 , 9, e113325	3.7	3
4	Eukaryotic DNA Polymerases		3
3	Conditional inactivation of replication proteins in fission yeast using hormone-binding domains. <i>Methods</i> , 2012 , 57, 227-33	4.6	2
2	Surveying genome replication. <i>Genome Biology</i> , 2002 , 3, REVIEWS1016	18.3	1
1	Expression of the cancer-associated DNA polymerase Ψ 286R in fission yeast leads to translesion synthesis polymerase dependent hypermutation and defective DNA replication. <i>PLoS Genetics</i> , 2021 , 17, e1009526	6	0