Etienne Schwob

List of Publications by Year
in descending order

43 papers	5,759 citations	201674 27 h-index	254184 43 g-index
82 all docs	82 docs citations	82 times ranked	5851 citing authors

#	Article	IF	Citations
1	Measuring S-Phase Duration from Asynchronous Cells Using Dual EdU-BrdU Pulse-Chase Labeling Flow Cytometry. Genes, 2022, 13, 408.	2.4	8
2	Ensa controls S-phase length by modulating Treslin levels. Nature Communications, 2017, 8, 206.	12.8	48
3	Homeostatic control of START through negative feedback between Cln3-Cdk1 and Rim15/Greatwall kinase in budding yeast. ELife, 2017, 6, .	6.0	39
4	Direct non transcriptional role of NF-Y in DNA replication. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 673-685.	4.1	13
5	Single-molecule analysis of DNA replication reveals novel features in the divergent eukaryotes Leishmania and Trypanosoma brucei versus mammalian cells. Scientific Reports, 2016, 6, 23142.	3.3	30
6	EdU Incorporation for FACS and Microscopy Analysis of DNA Replication in Budding Yeast. Methods in Molecular Biology, 2015, 1300, 105-112.	0.9	13
7	Analyzing the Dynamics of DNA Replication in Mammalian Cells Using DNA Combing. Methods in Molecular Biology, 2015, 1300, 67-78.	0.9	17
8	Metabolic and Environmental Conditions Determine Nuclear Genomic Instability in Budding Yeast Lacking Mitochondrial DNA. G3: Genes, Genomes, Genetics, 2014, 4, 411-423.	1.8	21
9	Elongated unique DNA strand deposition on microstructured substrate by receding meniscus assembly and capillary force. Biomicrofluidics, 2014, 8, 014103.	2.4	12
10	DNA replication and spindle checkpoints cooperate during S phase to delay mitosis and preserve genome integrity. Journal of Cell Biology, 2014, 204, 165-175.	5.2	35
11	A role for DNA polymerase Î¸ in the timing of DNA replication. Nature Communications, 2014, 5, 4285.	12.8	73
12	DNA on rails: Combing DNA fibers on nanogratings. Applied Physics Letters, 2014, 105, .	3.3	5
13	Cohesin organizes chromatin loops at DNA replication factories. Genes and Development, 2010, 24, 2812-2822.	5.9	195
14	Essential global role of CDC14 in DNA synthesis revealed by chromosome underreplication unrecognized by checkpoints in cdc14 mutants. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14466-14471.	7.1	36
15	Tipin/Tim1/And1 protein complex promotes Polα chromatin binding and sister chromatid cohesion. EMBO Journal, 2009, 28, 3681-3692.	7.8	71
16	Use of DNA Combing for Studying DNA Replication In Vivo in Yeast and Mammalian Cells. Methods in Molecular Biology, 2009, 521, 673-687.	0.9	25
17	Interplay between S-Cyclin-dependent Kinase and Dbf4-dependent Kinase in Controlling DNA Replication through Phosphorylation of Yeast Mcm4 N-Terminal Domain. Molecular Biology of the Cell, 2008, 19, 2267-2277.	2.1	29
18	Excess MCM proteins protect human cells from replicative stress by licensing backup origins of replication. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8956-8961.	7.1	415

#	Article	IF	Citations
19	A Novel Cell Cycle Inhibitor Stalls Replication Forks and Activates S Phase Checkpoint. Cell Cycle, 2007, 6, 1621-1630.	2.6	9
20	Dual Role of the Cdc7-regulatory Protein Dbf4 during Yeast Meiosis. Journal of Biological Chemistry, 2006, 281, 2828-2834.	3.4	37
21	A versatile toolbox for PCR-based tagging of yeast genes: new fluorescent proteins, more markers and promoter substitution cassettes. Yeast, 2004, 21, 947-962.	1.7	1,837
22	Flexibility and governance in eukaryotic DNA replication. Current Opinion in Microbiology, 2004, 7, 680-690.	5.1	29
23	The yeast Sgs1 helicase is differentially required for genomic and ribosomal DNA replication. EMBO Journal, 2003, 22, 1939-1949.	7.8	93
24	Single-molecule analysis reveals clustering and epigenetic regulation of replication origins at the yeast rDNA locus. Genes and Development, 2002, 16, 2479-2484.	5.9	206
25	The Yeast CDK Inhibitor Sic1 Prevents Genomic Instability by Promoting Replication Origin Licensing in Late G1. Molecular Cell, 2002, 9, 1067-1078.	9.7	230
26	Identification of Tah11/Sid2 as the Ortholog of the Replication Licensing Factor Cdt1 in Saccharomyces cerevisiae. Current Biology, 2002, 12, 689-694.	3.9	63
27	Monitoring S phase progression globally and locally using BrdU incorporation in TK+ yeast strains. Nucleic Acids Research, 2001, 29, 1433-1442.	14.5	152
28	The ?SUN? family: yeastSUN4/SCW3 is involved in cell septation. Yeast, 2000, 16, 905-919.	1.7	54
29	Hierarchy of S-Phase-Promoting Factors: Yeast Dbf4-Cdc7 Kinase Requires Prior S-Phase Cyclin-Dependent Kinase Activation. Molecular and Cellular Biology, 2000, 20, 3795-3806.	2.3	122
30	Think global, act local â€" how to regulate S phase from individual replication origins. Current Opinion in Genetics and Development, 2000, 10, 178-186.	3.3	30
31	A role for the Cdc7 kinase regulatory subunit Dbf4p in the formation of initiation-competent origins of replication. Genes and Development, 1999, 13, 2159-2176.	5.9	114
32	RPK1, an essential yeast protein kinase involved in the regulation of the onset of mitosis, shows homology to mammalian dual-specificity kinases. Molecular Genetics and Genomics, 1994, 243, 641-653.	2.4	31
33	The B-type cyclin kinase inhibitor p40SIC1 controls the G1 to S transition in S. cerevisiae. Cell, 1994, 79, 233-244.	28.9	900
34	Molecular analysis of three maize 22 kDa auxin-binding protein genes - transient promoter expression and regulatory regions. Plant Journal, 1993, 4, 423-432.	5.7	47
35	Selectivity and specificity in the recognition of tRNA by E coli glutaminyl-tRNA synthetase. Biochimie, 1993, 75, 1083-1090.	2.6	13
36	Transcription factors important for starting the cell cycle in yeast. Philosophical Transactions of the Royal Society B: Biological Sciences, 1993, 340, 351-360.	4.0	13

#	Article	IF	Citations
37	CLB5 and CLB6, a new pair of B cyclins involved in DNA replication in Saccharomyces cerevisiae.. Genes and Development, 1993, 7, 1160-1175.	5.9	491
38	Acceptor end binding domain interactions ensure correct aminoacylation of transfer RNA.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 2010-2014.	7.1	36
39	Nucleotide sequence of the mitochondrial 5S rRNA gene from lupine (Lupinus luteus). DNA Sequence, 1992, 3, 263-265.	0.7	2
40	Nucleotide sequence of the mitochondrial 18S rRNA gene from lupine (Lupinus luteus). Plant Molecular Biology, 1992, 19, 509-511.	3.9	3
41	New yeast actin-like gene required late in the cell cycle. Nature, 1992, 355, 179-182.	27.8	138
42	Cloning of the two essential yeast genes, PRP6 and PRP9,and their rapid mapping, disruption and partial sequencing using a linker insertion strategy. Molecular Genetics and Genomics, 1991, 225, 199-202.	2.4	16
43	Purification of the yeast mitochondrial methionyl-tRNA synthetase. Common and distinctive features of the cytoplasmic and mitochondrial isoenzymes. FEBS Journal, 1988, 178, 235-242.	0.2	8