

Etienne Schwob

List of Publications by Year in descending order

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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	A versatile toolbox for PCR-based tagging of yeast genes: new fluorescent proteins, more markers and promoter substitution cassettes. <i>Yeast</i> , 2004, 21, 947-962.	1.7	1,837
2	The B-type cyclin kinase inhibitor p40SIC1 controls the G1 to S transition in <i>S. cerevisiae</i> . <i>Cell</i> , 1994, 79, 233-244.	28.9	900
3	CLB5 and CLB6, a new pair of B cyclins involved in DNA replication in <i>Saccharomyces cerevisiae</i> .. <i>Genes and Development</i> , 1993, 7, 1160-1175.	5.9	491
4	Excess MCM proteins protect human cells from replicative stress by licensing backup origins of replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8956-8961.	7.1	415
5	The Yeast CDK Inhibitor Sic1 Prevents Genomic Instability by Promoting Replication Origin Licensing in Late G1. <i>Molecular Cell</i> , 2002, 9, 1067-1078.	9.7	230
6	Single-molecule analysis reveals clustering and epigenetic regulation of replication origins at the yeast rDNA locus. <i>Genes and Development</i> , 2002, 16, 2479-2484.	5.9	206
7	Cohesin organizes chromatin loops at DNA replication factories. <i>Genes and Development</i> , 2010, 24, 2812-2822.	5.9	195
8	Monitoring S phase progression globally and locally using BrdU incorporation in TK+ yeast strains. <i>Nucleic Acids Research</i> , 2001, 29, 1433-1442.	14.5	152
9	New yeast actin-like gene required late in the cell cycle. <i>Nature</i> , 1992, 355, 179-182.	27.8	138
10	Hierarchy of S-Phase-Promoting Factors: Yeast Dbf4-Cdc7 Kinase Requires Prior S-Phase Cyclin-Dependent Kinase Activation. <i>Molecular and Cellular Biology</i> , 2000, 20, 3795-3806.	2.3	122
11	A role for the Cdc7 kinase regulatory subunit Dbf4p in the formation of initiation-competent origins of replication. <i>Genes and Development</i> , 1999, 13, 2159-2176.	5.9	114
12	The yeast Sgs1 helicase is differentially required for genomic and ribosomal DNA replication. <i>EMBO Journal</i> , 2003, 22, 1939-1949.	7.8	93
13	A role for DNA polymerase δ , in the timing of DNA replication. <i>Nature Communications</i> , 2014, 5, 4285.	12.8	73
14	Tipin/Tim1/And1 protein complex promotes Pol α chromatin binding and sister chromatid cohesion. <i>EMBO Journal</i> , 2009, 28, 3681-3692.	7.8	71
15	Identification of Tah11/Sid2 as the Ortholog of the Replication Licensing Factor Cdt1 in <i>Saccharomyces cerevisiae</i> . <i>Current Biology</i> , 2002, 12, 689-694.	3.9	63
16	The ?SUN? family: yeast SUN4/SCW3 is involved in cell septation. <i>Yeast</i> , 2000, 16, 905-919.	1.7	54
17	Ensa controls S-phase length by modulating Treslin levels. <i>Nature Communications</i> , 2017, 8, 206.	12.8	48
18	Molecular analysis of three maize 22 kDa auxin-binding protein genes - transient promoter expression and regulatory regions. <i>Plant Journal</i> , 1993, 4, 423-432.	5.7	47

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19	Homeostatic control of START through negative feedback between Cln3-Cdk1 and Rim15/Greatwall kinase in budding yeast. <i>ELife</i> , 2017, 6, .	6.0	39
20	Dual Role of the Cdc7-regulatory Protein Dbf4 during Yeast Meiosis. <i>Journal of Biological Chemistry</i> , 2006, 281, 2828-2834.	3.4	37
21	Acceptor end binding domain interactions ensure correct aminoacylation of transfer RNA.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 2010-2014.	7.1	36
22	Essential global role of <i>CDC14</i> in DNA synthesis revealed by chromosome underreplication unrecognized by checkpoints in <i>cdc14</i> mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14466-14471.	7.1	36
23	DNA replication and spindle checkpoints cooperate during S phase to delay mitosis and preserve genome integrity. <i>Journal of Cell Biology</i> , 2014, 204, 165-175.	5.2	35
24	RPK1, an essential yeast protein kinase involved in the regulation of the onset of mitosis, shows homology to mammalian dual-specificity kinases. <i>Molecular Genetics and Genomics</i> , 1994, 243, 641-653.	2.4	31
25	Think global, act local – how to regulate S phase from individual replication origins. <i>Current Opinion in Genetics and Development</i> , 2000, 10, 178-186.	3.3	30
26	Single-molecule analysis of DNA replication reveals novel features in the divergent eukaryotes <i>Leishmania</i> and <i>Trypanosoma brucei</i> versus mammalian cells. <i>Scientific Reports</i> , 2016, 6, 23142.	3.3	30
27	Flexibility and governance in eukaryotic DNA replication. <i>Current Opinion in Microbiology</i> , 2004, 7, 680-690.	5.1	29
28	Interplay between S-Cyclin-dependent Kinase and Dbf4-dependent Kinase in Controlling DNA Replication through Phosphorylation of Yeast Mcm4 N-Terminal Domain. <i>Molecular Biology of the Cell</i> , 2008, 19, 2267-2277.	2.1	29
29	Use of DNA Combing for Studying DNA Replication In Vivo in Yeast and Mammalian Cells. <i>Methods in Molecular Biology</i> , 2009, 521, 673-687.	0.9	25
30	Metabolic and Environmental Conditions Determine Nuclear Genomic Instability in Budding Yeast Lacking Mitochondrial DNA. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 411-423.	1.8	21
31	Analyzing the Dynamics of DNA Replication in Mammalian Cells Using DNA Combing. <i>Methods in Molecular Biology</i> , 2015, 1300, 67-78.	0.9	17
32	Cloning of the two essential yeast genes, PRP6 and PRP9, and their rapid mapping, disruption and partial sequencing using a linker insertion strategy. <i>Molecular Genetics and Genomics</i> , 1991, 225, 199-202.	2.4	16
33	Selectivity and specificity in the recognition of tRNA by <i>E coli</i> glutamyl-tRNA synthetase. <i>Biochimie</i> , 1993, 75, 1083-1090.	2.6	13
34	Transcription factors important for starting the cell cycle in yeast. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1993, 340, 351-360.	4.0	13
35	EdU Incorporation for FACS and Microscopy Analysis of DNA Replication in Budding Yeast. <i>Methods in Molecular Biology</i> , 2015, 1300, 105-112.	0.9	13
36	Direct non transcriptional role of NF-Y in DNA replication. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 673-685.	4.1	13

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37	Elongated unique DNA strand deposition on microstructured substrate by receding meniscus assembly and capillary force. <i>Biomicrofluidics</i> , 2014, 8, 014103.	2.4	12
38	A Novel Cell Cycle Inhibitor Stalls Replication Forks and Activates S Phase Checkpoint. <i>Cell Cycle</i> , 2007, 6, 1621-1630.	2.6	9
39	Purification of the yeast mitochondrial methionyl-tRNA synthetase. Common and distinctive features of the cytoplasmic and mitochondrial isoenzymes. <i>FEBS Journal</i> , 1988, 178, 235-242.	0.2	8
40	Measuring S-Phase Duration from Asynchronous Cells Using Dual EdU-BrdU Pulse-Chase Labeling Flow Cytometry. <i>Genes</i> , 2022, 13, 408.	2.4	8
41	DNA on rails: Combing DNA fibers on nanogratings. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	5
42	Nucleotide sequence of the mitochondrial 18S rRNA gene from lupine (<i>Lupinus luteus</i>). <i>Plant Molecular Biology</i> , 1992, 19, 509-511.	3.9	3
43	Nucleotide sequence of the mitochondrial 5S rRNA gene from lupine (<i>Lupinus luteus</i>). <i>DNA Sequence</i> , 1992, 3, 263-265.	0.7	2