Carl Mann

List of Publications by Year
in descending order

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43 papers	2,960 citations	218677 26 h-index	254184 43 g-index
45 all docs	45 docs citations	45 times ranked	2870 citing authors

#	Article	IF	Citations
1	S. cerevisiae 26S protease mutants arrest cell division in G2/metaphase. Nature, 1993, 366, 358-362.	27.8	441
2	Centromeric DNA from Saccharomyces cerevisiae. Journal of Molecular Biology, 1982, 158, 157-179.	4.2	317
3	Cell cycle restriction of telomere elongation. Current Biology, 2000, 10, 487-490.	3.9	210
4	RPC40, a unique gene for a subunit shared between yeast RNA polymerases A and C. Cell, 1987, 48, 627-637.	28.9	199
5	Civ1 (CAK In Vivo), a Novel Cdk-Activating Kinase. Cell, 1996, 86, 565-576.	28.9	175
6	Histone variant H2A.J accumulates in senescent cells and promotes inflammatory gene expression. Nature Communications, 2017, 8, 14995.	12.8	131
7	Unified nomenclature for subunits of the Saccharomyces cerevisiae proteasome regulatory particle. Trends in Biochemical Sciences, 1998, 23, 244-245.	7.5	127
8	Structural basis for the interaction of Asf1 with histone H3 and its functional implications. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5975-5980.	7.1	127
9	Yeast homolog of a cancer-testis antigen defines a new transcription complex. EMBO Journal, 2006, 25, 3576-3585.	7.8	122
10	The histone chaperone Asf1 at the crossroads of chromatin and DNA checkpoint pathways. Chromosoma, 2007, 116, 79-93.	2.2	102
11	Sgt1p Contributes to Cyclic AMP Pathway Activity and Physically Interacts with the Adenylyl Cyclase Cyr1p/Cdc35p in Budding Yeast. Eukaryotic Cell, 2002, 1, 568-582.	3.4	92
12	Yaf9, a Novel NuA4 Histone Acetyltransferase Subunit, Is Required for the Cellular Response to Spindle Stress in Yeast. Molecular and Cellular Biology, 2003, 23, 6086-6102.	2.3	92
13	Reversion of a promoter deletion in yeast. Nature, 1982, 298, 815-819.	27.8	81
14	A vlincRNA participates in senescence maintenance by relieving H2AZ-mediated repression at the INK4 locus. Nature Communications, 2015, 6, 5971.	12.8	56
15	Parallel pathways in RAF-induced senescence and conditions for its reversion. Oncogene, 2012, 31, 3072-3085.	5.9	53
16	Saccharomyces cerevisiae MPS2Encodes a Membrane Protein Localized at the Spindle Pole Body and the Nuclear Envelope. Molecular Biology of the Cell, 1999, 10, 2393-2406.	2.1	52
17	G2 cyclins are required for the degradation of G1 cyclins in yeast. Nature, 1996, 384, 279-282.	27.8	46
18	The Protein Kinase Snf1 Is Required for Tolerance to the Ribonucleotide Reductase Inhibitor Hydroxyurea. Molecular and Cellular Biology, 2004, 24, 2560-2572.	2.3	46

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19	Role of the iron mobilization and oxidative stress regulons in the genomic response of yeast to hydroxyurea. Molecular Genetics and Genomics, 2006, 275, 114-124.	2.1	46
20	Structure of the Histone Chaperone Asf1 Bound to the Histone H3 C-Terminal Helix and Functional Insights. Structure, 2007, 15, 191-199.	3.3	43
21	Ultra-High Performance Liquid Chromatographyâ^'Mass Spectrometry for the Fast Profiling of Histone Post-Translational Modifications. Journal of Proteome Research, 2010, 9, 5501-5509.	3.7	43
22	In Vivo Study of the Nucleosome Assembly Functions of ASF1 Histone Chaperones in Human Cells. Molecular and Cellular Biology, 2008, 28, 3672-3685.	2.3	37
23	Involvement of the PP2C-Like Phosphatase Ptc2p in the DNA Checkpoint Pathways of Saccharomyces cerevisiae. Genetics, 2000, 154, 1523-1532.	2.9	36
24	Deacetylation of H4-K16Ac and heterochromatin assembly in senescence. Epigenetics and Chromatin, 2012, 5, 15.	3.9	35
25	Human skin aging is associated with increased expression of the histone variant H2A.J in the epidermis. Npj Aging and Mechanisms of Disease, 2021, 7, 7.	4.5	32
26	Xbp1-Mediated Repression of CLB Gene Expression Contributes to the Modifications of Yeast Cell Morphology and Cell Cycle Seen during Nitrogen-Limited Growth. Molecular and Cellular Biology, 2001, 21, 3714-3724.	2.3	28
27	Spc24 interacts with Mps2 and is required for chromosome segregation, but is not implicated in spindle pole body duplication. Molecular Microbiology, 2002, 43, 1431-1443.	2.5	23
28	Histone Variant H2A.J Marks Persistent DNA Damage and Triggers the Secretory Phenotype in Radiation-Induced Senescence. International Journal of Molecular Sciences, 2020, 21, 9130.	4.1	21
29	Ouabain and chloroquine trigger senolysis of BRAFâ€V600Eâ€induced senescent cells by targeting autophagy. Aging Cell, 2021, 20, e13447.	6.7	21
30	Glucocorticoids delay RAF-induced senescence promoted by EGR1. Journal of Cell Science, 2019, 132, .	2.0	20
31	DNA methylation and histone variants in aging and cancer. International Review of Cell and Molecular Biology, 2021, 364, 1-110.	3.2	18
32	Surprising complexity of the Asf1 histone chaperone-Rad53 kinase interaction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2866-2871.	7.1	17
33	Reduced RNA turnover as a driver of cellular senescence. Life Science Alliance, 2021, 4, e202000809.	2.8	12
34	Design on a Rational Basis of High-Affinity Peptides Inhibiting the Histone Chaperone ASF1. Cell Chemical Biology, 2019, 26, 1573-1585.e10.	5.2	11
35	Human CCR6+ Th17 Lymphocytes Are Highly Sensitive to Radiation-Induced Senescence and Are a Potential Target for Prevention of Radiation-Induced Toxicity. International Journal of Radiation Oncology Biology Physics, 2020, 108, 314-325.	0.8	10
36	Kinase Cak1 functionally interacts with the PAF1 complex and phosphatase Ssu72 via kinases Ctk1 and Bur1. Molecular Genetics and Genomics, 2006, 275, 136-147.	2.1	8

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37	Histone Variant H2A.J Is Enriched in Luminal Epithelial Gland Cells. Genes, 2021, 12, 1665.	2.4	6
38	Letter to the Editor:1H,13C and15N Resonance Assignments of the Conserved Core of hAsf1ÂA. Journal of Biomolecular NMR, 2004, 29, 413-414.	2.8	5
39	MSK1 triggers the expression of the INK4AB/ARF locus in oncogene-induced senescence. Molecular Biology of the Cell, 2016, 27, 2726-2734.	2.1	5
40	A Cdc28 Mutant Uncouples G1 Cyclin Phosphorylation and Ubiquitination from G1 Cyclin Proteolysis. Journal of Biological Chemistry, 2001, 276, 41725-41732.	3.4	4
41	H2B Type 1-K Accumulates in Senescent Fibroblasts with Persistent DNA Damage along with Methylated and Phosphorylated Forms of HMGA1. Proteomes, 2021, 9, 30.	3.5	3
42	Readersâ€™ and Photojournalistsâ€™ Perceptions of Print Media Road Carnage Images in The Herald. Communicatio, 2019, 45, 34-55.	0.4	1
43	Targeting proteostasis maintenance and autophagy in senescence. Aging, 2022, 14, 2016-2017.	3.1	1