

Randy Strich

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,511
citations

361296

20
h-index

434063

31
g-index

34
all docs

34
docs citations

34
times ranked

2020
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species and Mitochondrial Dynamics: The Yin and Yang of Mitochondrial Dysfunction and Cancer Progression. <i>Antioxidants</i> , 2018, 7, 13.	2.2	325
2	A Unified Nomenclature for Protein Subunits of Mediator Complexes Linking Transcriptional Regulators to RNA Polymerase II. <i>Molecular Cell</i> , 2004, 14, 553-557.	4.5	230
3	In vitro biodegradation behavior, mechanical properties, and cytotoxicity of biodegradable Zn-Mg alloy. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1632-1640.	1.6	174
4	Oxidative Stress-Induced Destruction of the Yeast C-Type Cyclin Ume3p Requires Phosphatidylinositol-Specific Phospholipase C and the 26S Proteasome. <i>Molecular and Cellular Biology</i> , 1999, 19, 3338-3348.	1.1	70
5	Meiosis-Specific Destruction of the Ume6p Repressor by the Cdc20-Directed APC/C. <i>Molecular Cell</i> , 2007, 27, 951-961.	4.5	63
6	Regulation of the Oxidative Stress Response Through Slt2p-Dependent Destruction of Cyclin C in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2006, 172, 1477-1486.	1.2	55
7	Stress-Induced Nuclear-to-Cytoplasmic Translocation of Cyclin C Promotes Mitochondrial Fission in Yeast. <i>Developmental Cell</i> , 2014, 28, 161-173.	3.1	54
8	Oxidative-stress-induced nuclear to cytoplasmic relocalization is required for Not4-dependent cyclin C destruction. <i>Journal of Cell Science</i> , 2012, 125, 1015-1026.	1.2	53
9	Cyclin C mediates stress-induced mitochondrial fission and apoptosis. <i>Molecular Biology of the Cell</i> , 2015, 26, 1030-1043.	0.9	45
10	Med13p prevents mitochondrial fission and programmed cell death in yeast through nuclear retention of cyclin C. <i>Molecular Biology of the Cell</i> , 2014, 25, 2807-2816.	0.9	39
11	Slt2p phosphorylation induces cyclin C nuclear-to-cytoplasmic translocation in response to oxidative stress. <i>Molecular Biology of the Cell</i> , 2014, 25, 1396-1407.	0.9	37
12	Programmed Cell Death Initiation and Execution in Budding Yeast. <i>Genetics</i> , 2015, 200, 1003-1014.	1.2	37
13	The conserved histone deacetylase Rpd3 and its DNA binding subunit Ume6 control dynamic transcript architecture during mitotic growth and meiotic development. <i>Nucleic Acids Research</i> , 2015, 43, 115-128.	6.5	29
14	A complex molecular switch directs stress-induced cyclin C nuclear release through SCF ^{Grr1} -mediated degradation of Med13. <i>Molecular Biology of the Cell</i> , 2018, 29, 363-375.	0.9	29
15	Cyclin C directly stimulates Drp1 GTP affinity to mediate stress-induced mitochondrial hyperfission. <i>Molecular Biology of the Cell</i> , 2019, 30, 302-311.	0.9	29
16	Cyclin C: The Story of a Non-Cycling Cyclin. <i>Biology</i> , 2019, 8, 3.	1.3	28
17	<i>Saccharomyces cerevisiae</i> C-Type Cyclin Ume3p/Srb11p Is Required for Efficient Induction and Execution of Meiotic Development. <i>Eukaryotic Cell</i> , 2002, 1, 66-74.	3.4	27
18	Mitochondrial translocation of cyclin C stimulates intrinsic apoptosis through Bax recruitment. <i>EMBO Reports</i> , 2019, 20, e47425.	2.0	27

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19	The Cell Wall Sensors Mtl1, Wsc1, and Mid2 Are Required for Stress-Induced Nuclear to Cytoplasmic Translocation of Cyclin C and Programmed Cell Death in Yeast. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-15.	1.9	23
20	The Impact of Mitochondrial Fission-Stimulated ROS Production on Pro-Apoptotic Chemotherapy. <i>Biology</i> , 2021, 10, 33.	1.3	22
21	Gcn5p-dependent acetylation induces degradation of the meiotic transcriptional repressor Ume6p. <i>Molecular Biology of the Cell</i> , 2012, 23, 1609-1617.	0.9	21
22	The dual role of cyclin C connects stress regulated gene expression to mitochondrial dynamics. <i>Microbial Cell</i> , 2014, 1, 318-324.	1.4	18
23	Rpl22 is required for IME1 mRNA translation and meiotic induction in <i>S. cerevisiae</i> . <i>Cell Division</i> , 2016, 11, 10.	1.1	15
24	Cyclin C Regulated Oxidative Stress Responsive Transcriptome in <i>Mus musculus</i> Embryonic Fibroblasts. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1901-1908.	0.8	13
25	Global alterations of the transcriptional landscape during yeast growth and development in the absence of Ume6-dependent chromatin modification. <i>Molecular Genetics and Genomics</i> , 2015, 290, 2031-2046.	1.0	11
26	Cyclin C regulates adipogenesis by stimulating transcriptional activity of CCAAT/enhancer-binding protein 1. <i>Journal of Biological Chemistry</i> , 2017, 292, 8918-8932.	1.6	10
27	Synergistic repression of thyroid hyperplasia by cyclin C and Pten. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	9
28	The extent of cyclin C promoter occupancy directs changes in stress-dependent transcription. <i>Journal of Biological Chemistry</i> , 2020, 295, 16280-16291.	1.6	6
29	Integrated RNA- and protein profiling of fermentation and respiration in diploid budding yeast provides insight into nutrient control of cell growth and development. <i>Journal of Proteomics</i> , 2015, 119, 30-44.	1.2	5
30	Cyclin C-Cdk8 Kinase Phosphorylation of Rim15 Prevents the Aberrant Activation of Stress Response Genes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 867257.	1.8	4
31	Aberrant cyclin C nuclear release induces mitochondrial fragmentation and dysfunction in MED13L syndrome fibroblasts. <i>IScience</i> , 2022, 25, 103823.	1.9	3