

Robert A Sclafani

List of Publications by Year in descending order

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53
papers

2,616
citations

218381

26
h-index

197535

49
g-index

55
all docs

55
docs citations

55
times ranked

2979
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure and function of MCM from archaeal <i>M. Thermoautotrophicum</i> . <i>Nature Structural and Molecular Biology</i> , 2003, 10, 160-167.	3.6	280
2	Biphasic Regulation of Breast Cancer Cell Growth by Progesterone: Role of the Cyclin-Dependent Kinase Inhibitors, p21 and p27Kip1. <i>Molecular Endocrinology</i> , 1997, 11, 1593-1607.	3.7	241
3	Silibinin upregulates the expression of cyclin-dependent kinase inhibitors and causes cell cycle arrest and apoptosis in human colon carcinoma HT-29 cells. <i>Oncogene</i> , 2003, 22, 8271-8282.	2.6	216
4	Galactose as a gratuitous inducer of GAL gene expression in yeasts growing on glucose. <i>Gene</i> , 1989, 83, 57-64.	1.0	170
5	Resveratrol causes Cdc2-tyr15 phosphorylation via ATM/ATR-Chk1/2-Cdc25C pathway as a central mechanism for S phase arrest in human ovarian carcinoma Ovar-3 cells. <i>Carcinogenesis</i> , 2005, 26, 1978-1987.	1.3	139
6	p21 and p27 induction by silibinin is essential for its cell cycle arrest effect in prostate carcinoma cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 2696-2707.	1.9	123
7	Cell Cycle Control of Cdc7p Kinase Activity through Regulation of Dbf4p Stability. <i>Molecular and Cellular Biology</i> , 1999, 19, 4888-4896.	1.1	120
8	The level of origin firing inversely affects the rate of replication fork progression. <i>Journal of Cell Biology</i> , 2013, 201, 373-383.	2.3	91
9	CDC7/DBF4 Functions in the Translesion Synthesis Branch of the RAD6 Epistasis Group in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2004, 167, 1597-1610.	1.2	71
10	Resveratrol Selectively Induces DNA Damage, Independent of Smad4 Expression, in Its Efficacy against Human Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2011, 17, 5402-5411.	3.2	68
11	A human homolog of the yeast CDC7 gene is overexpressed in some tumors and transformed cell lines. <i>Gene</i> , 1998, 211, 133-140.	1.0	67
12	p21/Cip1 and p27/Kip1 Are Essential Molecular Targets of Inositol Hexaphosphate for Its Antitumor Efficacy against Prostate Cancer. <i>Cancer Research</i> , 2009, 69, 1166-1173.	0.4	61
13	Structural Changes in Mcm5 Protein Bypass Cdc7-Dbf4 Function and Reduce Replication Origin Efficiency in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2007, 27, 7594-7602.	1.1	57
14	Cdc7 protein kinase for DNA metabolism comes of age. <i>Molecular Microbiology</i> , 1994, 11, 805-810.	1.2	54
15	p27 ^{Kip1} Is Important in Modulating Pulmonary Artery Smooth Muscle Cell Proliferation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 652-658.	1.4	54
16	RAD53 Regulates DBF4 Independently of Checkpoint Function in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1999, 151, 965-977.	1.2	49
17	Downregulation of both p21/Cip1 and p27/Kip1 produces a more aggressive prostate cancer phenotype. <i>Cell Cycle</i> , 2008, 7, 1828-1835.	1.3	48
18	Ubiquitin-specific Protease 9x Deubiquitinates and Stabilizes the Spinal Muscular Atrophy Protein-Survival Motor Neuron. <i>Journal of Biological Chemistry</i> , 2012, 287, 43741-43752.	1.6	47

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19	Molecular cloning and expression of the human deoxythymidylate kinase gene in yeast. <i>Nucleic Acids Research</i> , 1991, 19, 823-827.	6.5	42
20	THYMIDINE UTILIZATION BY <i>tut</i> MUTANTS AND FACILE CLONING OF MUTANT ALLELES BY PLASMID CONVERSION IN <i>S. CEREVISIAE</i> . <i>Genetics</i> , 1986, 114, 753-767.	1.2	41
21	Two heads are better than one: regulation of DNA replication by hexameric helicases. <i>Genes and Development</i> , 2004, 18, 2039-2045.	2.7	38
22	The <i>mcm5-bob1</i> Bypass of Cdc7p/Dbf4p in DNA Replication Depends on Both Cdk1-Independent and Cdk1-Dependent Steps in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2002, 161, 47-57.	1.2	36
23	Grape seed extract upregulates p21 (Cip1) through redox-mediated activation of ERK1/2 and posttranscriptional regulation leading to cell cycle arrest in colon carcinoma HT29 cells. <i>Molecular Carcinogenesis</i> , 2011, 50, 553-562.	1.3	32
24	Extracellular cyclophilin-A stimulates ERK1/2 phosphorylation in a cell-dependent manner but broadly stimulates nuclear factor kappa B. <i>Cancer Cell International</i> , 2012, 12, 19.	1.8	32
25	Grape seed extract and resveratrol prevent 4-nitroquinoline 1-oxide induced oral tumorigenesis in mice by modulating AMPK activation and associated biological responses. <i>Molecular Carcinogenesis</i> , 2015, 54, 291-300.	1.3	31
26	A Perspective on Chemoprevention by Resveratrol in Head and Neck Squamous Cell Carcinoma. <i>Advances in Experimental Medicine and Biology</i> , 2015, 815, 333-348.	0.8	30
27	Yeast pre-meiotic DNA replication utilizes mitotic origin ARS1 independently of CDC7 function. <i>Chromosoma</i> , 1993, 102, 415-420.	1.0	28
28	Cyclin dependent kinase activating kinases. <i>Current Opinion in Cell Biology</i> , 1996, 8, 788-794.	2.6	28
29	Novel Role for Checkpoint Rad53 Protein Kinase in the Initiation of Chromosomal DNA Replication in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2006, 174, 87-99.	1.2	26
30	Cell cycle regulation of induced mutagenesis in yeast. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 329, 143-152.	0.4	24
31	Functional Conservation of \hat{I}^2 -Hairpin DNA Binding Domains in the Mcm Protein of <i>Methanobacterium thermoautotrophicum</i> and the Mcm5 protein of <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2008, 179, 1757-1768.	1.2	24
32	The Role of Dbf4-Dependent Protein Kinase in DNA Polymerase \hat{I}^q -Dependent Mutagenesis in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2014, 197, 1111-1122.	1.2	20
33	Rates of myogenesis and myofiber numbers are reduced in late gestation IUGR fetal sheep. <i>Journal of Endocrinology</i> , 2020, 244, 339-352.	1.2	15
34	Cyclin D1 as a proliferative marker regulating retinoblastoma phosphorylation in mouse lung epithelial cells. <i>Cancer Letters</i> , 2001, 168, 165-172.	3.2	13
35	The late-annotated small ORF <i>LSO1</i> is a target gene of the iron regulon of <i>Saccharomyces cerevisiae</i> . <i>MicrobiologyOpen</i> , 2015, 4, 941-951.	1.2	13
36	HIGH FREQUENCY OF GENETIC DUPLICATIONS IN THE <i>dnaB</i> REGION OF THE <i>ESCHERICHIA COLI</i> K12 CHROMOSOME. <i>Genetics</i> , 1981, 98, 677-689.	1.2	13

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37	Dbf4-Dependent Kinase (DDK)-Mediated Proteolysis of CENP-A Prevents Mislocalization of CENP-A in <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2057-2068.	0.8	11
38	The isolation and characterization of <i>Escherichia coli</i> dnaB::Tn10 insertion mutations. <i>Molecular Genetics and Genomics</i> , 1981, 182, 112-118.	2.4	9
39	Genetic interaction of RAD53 protein kinase with histones is important for DNA replication. <i>Cell Cycle</i> , 2010, 9, 4735-4747.	1.3	8
40	Cdc7-mediated phosphorylation of Cse4 regulates high-fidelity chromosome segregation in budding yeast. <i>Molecular Biology of the Cell</i> , 2021, 32, ar15.	0.9	8
41	Functional Conservation of the Pre-Sensor One Beta-Finger Hairpin (PS1-hp) Structures in Mini-Chromosome Maintenance Proteins of <i>Saccharomyces cerevisiae</i> and Archaea. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1319-1326.	0.8	7
42	Growth of phages ϕ and ϕ X174 under P1ban protein control in the absence of host dnaB function. <i>Virology</i> , 1981, 113, 314-322.	1.1	6
43	Localization of Cdc7 Protein Kinase During DNA Replication in <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3757-3774.	0.8	6
44	Identification and characterization of individual cyclin-dependent kinase complexes from <i>Saccharomyces cerevisiae</i> . , 1999, 15, 295-309.		5
45	Doxycycline-Regulated p16 ^{MTS1} Expression Suppresses the Anchorage-Independence and Tumorigenicity of Breast Cancer Cell Lines that Lack Endogenous p16. <i>Journal of Cancer</i> , 2017, 8, 190-198.	1.2	5
46	Role of DDK in Replication Initiation. , 2016, , 279-296.		5
47	High-yield purification of small, single-stranded DNA. <i>Analytical Biochemistry</i> , 1981, 115, 197-202.	1.1	4
48	Cell Cycle Regulatory Cascades. , 2004, , 93-128.		4
49	Deletion map of the <i>Escherichia coli</i> K-12 dnaB gene. <i>Molecular Genetics and Genomics</i> , 1981, 183, 314-317.	2.4	2
50	DNA replication intermediates synthesized by lysates of dnaB, dnaG and dnaB dnaG mutants in vitro. <i>Molecular Genetics and Genomics</i> , 1981, 182, 95-98.	2.4	2
51	The yeast Cdc8 exhibits both deoxythymidine monophosphate and diphosphate kinase activities. <i>FEBS Letters</i> , 2009, 583, 2281-2286.	1.3	2
52	O Cdc7 kinase where art thou?. <i>Current Genetics</i> , 2018, 64, 677-680.	0.8	1
53	Corrigendum to "Cyclin D1 as a proliferative marker regulating retinoblastoma phosphorylation in mouse lung epithelial cells". <i>Cancer Letters</i> , 2002, 180, 223.	3.2	0