

# Cyclin: A protein specified by maternal mRNA in sea urchin cleavage division

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Biology of Cyclins and Cyclin-Dependent Protein Kinases: An Introduction. , 2004, 285, 003-022.		10
2	Circadian Changes in Enzyme Concentration Account for Rhythm of Enzyme Activity in Gonyaulax. Science, 1984, 223, 1428-1430.	6.0	95
3	Identity of the proliferating cell nuclear antigen and cyclin. Nature, 1984, 309, 374-376.	13.7	689
4	Differential inhibition of protein synthesis: A possible biochemical mechanism of thalidomide teratogenesis. Journal of Theoretical Biology, 1984, 110, 461-486.	0.8	10
5	Translational changes induced by 1-methyladenine in anucleate starfish oocytes. Developmental Biology, 1984, 101, 512-515.	0.9	18
6	Ubiquitin dependence of selective protein degradation demonstrated in the mammalian cell cycle mutant ts85. Cell, 1984, 37, 57-66.	13.5	530
7	Multiple polymorphic alpha- and beta-tubulin mRNAs are present in sea urchin eggs.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 134-138.	3.3	13
8	Translation of RNA from Eggs During Post-Diapause Development of Bombyx mori. (translation/RNA/diapause (egg)/Bombyx mori). Development Growth and Differentiation, 1985, 27, 13-20.	0.6	3
9	Double-stranded DNA induces the phosphorylation of several proteins including the 90 000 mol. wt. heat-shock protein in animal cell extracts.. EMBO Journal, 1985, 4, 139-145.	3.5	132
10	The small subunit of ribonucleotide reductase is encoded by one of the most abundant translationally regulated maternal RNAs in clam and sea urchin eggs.. Journal of Cell Biology, 1985, 100, 1968-1976.	2.3	109
11	NUCLEOCYTOPLASMIC INTERACTIONS IN OOCYTES AND EGGS. , 1985, , 73-287.		1
12	Change in the cellular level of AP4A is correlated with the initiation of DNA replication in sea urchin embryos. Developmental Biology, 1985, 112, 261-263.	0.9	18
13	Control of cell-cycle timing in early embryos of Caenorhabditis elegans. Developmental Biology, 1985, 107, 337-354.	0.9	74
14	Role of protein synthesis and proteases in production and inactivation of maturation-promoting activity during meiotic maturation of starfish oocytes. Developmental Biology, 1985, 109, 311-320.	0.9	111
15	Making novel antibodies by expressing transfected immunoglobulin genes. Trends in Biochemical Sciences, 1985, 10, 347-349.	3.7	19
16	In vitro translation of RNA from unfertilized and fertilized eggs of Bombyx mori. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1985, 82, 51-53.	0.2	1
17	The ubiquitin system: functions and mechanisms. Trends in Biochemical Sciences, 1985, 10, 343-347.	3.7	304
18	Transient synthesis of a specific set of proteins during the rapid cleavage phase of sea urchin development. Developmental Biology, 1986, 114, 403-415.	0.9	35

#	ARTICLE	IF	CITATIONS
19	Injected mRNA does not increase protein synthesis in unfertilized, fertilized, or ammonia-activated sea urchin eggs. <i>Developmental Biology</i> , 1986, 115, 184-192.	0.9	18
20	Cytoplasmic distributions of translatable messenger RNA species and the regulation of patterns of protein synthesis during sea urchin embryogenesis. <i>Developmental Biology</i> , 1986, 115, 261-274.	0.9	17
21	Translational activation of maternal mRNA encoding the heat-shock protein hsp90 during sea urchin embryogenesis. <i>Developmental Biology</i> , 1986, 117, 286-293.	0.9	35
22	Parameters controlling transcriptional activation during early drosophila development. <i>Cell</i> , 1986, 44, 871-877.	13.5	379
23	Amino acid sequences common to rapidly degraded proteins: the PEST hypothesis. <i>Science</i> , 1986, 234, 364-368.	6.0	2,529
24	MOLECULAR BIOLOGY OF THE EARLY MOUSE EMBRYO. <i>Biological Bulletin</i> , 1986, 171, 291-309.	0.7	10
25	A set of proteins showing cell cycle dependent modification in the early mouse embryo. <i>Cell</i> , 1986, 45, 387-396.	13.5	133
26	The clam embryo protein cyclin A induces entry into M phase and the resumption of meiosis in <i>Xenopus</i> oocytes. <i>Cell</i> , 1986, 47, 861-870.	13.5	567
27	The bacteriophage T4 gene for the small subunit of ribonucleotide reductase contains an intron.. <i>EMBO Journal</i> , 1986, 5, 2031-2036.	3.5	92
28	Visualization of the Ca <sup>2+</sup> -transport system of the mitotic apparatus of sea urchin eggs with a monoclonal antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 1719-1722.	3.3	31
29	Effects of various ammonium salts, amines, polyamines and $\hat{\pm}$ -methylornithine on rRNA synthesis in neurula cells of <i>Xenopus laevis</i> and <i>Xenopus borealis</i> . <i>Cell Differentiation</i> , 1986, 18, 101-108.	1.3	8
30	Maturation of <i>Rana temporaria</i> and <i>Acipenser stellatus</i> oocytes induced by the cytoplasm of embryos at different cell cycle phases and at different stages of cleavage and blastulation. <i>Cell Differentiation</i> , 1986, 18, 9-16.	1.3	2
31	Cyclic regulation of cytokinesis in amphibian eggs. <i>Cell Differentiation</i> , 1986, 19, 245-252.	1.3	1
32	The use of single-stranded DNA and RNase H to promote quantitative $\hat{\pm}$ hybrid arrest of translation $\hat{\pm}$ ™ of mRNA/DNA hybrids in reticulocyte lysate cell-free translations. <i>Nucleic Acids Research</i> , 1986, 14, 6433-6451.	6.5	242
33	The Chromosome Cycle and the Centrosome Cycle in the Mitotic Cycle. <i>International Review of Cytology</i> , 1987, 100, 49-92.	6.2	243
34	Patterns of protein synthesis during the cell cycle of Chinese hamster ovary cells. <i>Biochemistry and Cell Biology</i> , 1987, 65, 219-229.	0.9	1
35	Comment on the Paper by Grinfeldet al.. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1987, 52, 87-90.	1.0	4
36	Cell Reproduction. <i>International Review of Cytology</i> , 1987, 100, 93-128.	6.2	33

#	ARTICLE	IF	CITATIONS
37	Fertilization triggers unmasking of maternal mRNAs in sea urchin eggs.. <i>Molecular and Cellular Biology</i> , 1987, 7, 3947-3954.	1.1	50
38	Periodic mitotic events induced in the absence of DNA replication.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 9025-9029.	3.3	36
39	Phosphorylation changes associated with the early cell cycle in <i>Xenopus</i> eggs. <i>Developmental Biology</i> , 1987, 119, 442-453.	0.9	123
40	Widespread changes in the translation and adenylation of maternal messenger RNAs following fertilization of <i>Spisula</i> oocytes. <i>Developmental Biology</i> , 1987, 121, 237-246.	0.9	88
41	Three translationally regulated mRNAs are stored in the cytoplasm of clam oocytes. <i>Developmental Biology</i> , 1987, 123, 10-16.	0.9	19
42	Cyclin synthesis, modification and destruction during meiotic maturation of the starfish oocyte. <i>Developmental Biology</i> , 1987, 124, 248-258.	0.9	191
43	Multinucleate plant cells. <i>Experimental Cell Research</i> , 1987, 171, 436-447.	1.2	0
44	Utilization of genetic information in the preimplantation mouse embryo. , 1987, , 239-266.		22
45	Molecular cloning and characterization of the mRNA for cyclin from sea urchin eggs.. <i>EMBO Journal</i> , 1987, 6, 2987-2995.	3.5	210
46	Cyclins in meiosis and mitosis. <i>Nature</i> , 1987, 326, 542-543.	13.7	26
47	Changes in the Activity of the Maturation-Promoting Factor Are Correlated with Those of a Major Cyclic AMP and Calcium-Independent Protein Kinase During the First Mitotic Cell Cycles in the Early Starfish Embryo. (cell cycle/maturation-promoting factor/protein kinase/protein synthesis/starfish). <i>Development Growth and Differentiation</i> , 1987, 29, 93-103.	0.6	51
48	DNA Replication and Its Regulation in Cleavage Embryos of Sea Urchin. (DNA replication/cytoplasmic) Tj ETQq1 1 0.784314 rgBT /Ove	0.6	0
49	Effect of reduced protein synthesis on the cell cycle in sea urchin embryos. <i>Journal of Cellular Physiology</i> , 1988, 137, 545-552.	2.0	25
50	Translational control of InsP3-induced chromatin condensation during the early cell cycles of sea urchin embryos. <i>Nature</i> , 1988, 332, 366-369.	13.7	156
51	Human cdc2 protein kinase is a major cell-cycle regulated tyrosine kinase substrate. <i>Nature</i> , 1988, 336, 738-744.	13.7	294
52	Chlorpromazine-sensitive developmental processes in the sea urchin, <i>Lytechinus pictus</i> . I. Inhibition of cleavage, gastrulation and primary mesenchyme cell differentiation. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1988, 90, 47-53.	0.2	2
53	Intracellular Signal Transduction and Amplification Mechanisms in the Regulation of Oocyte Maturation. <i>Biological Bulletin</i> , 1988, 174, 95-108.	0.7	31
54	The relationships between early ionic events, the pattern of protein synthesis, and oocyte activation in the surf clam, <i>Spisula solidissima</i> . <i>Developmental Biology</i> , 1988, 126, 233-241.	0.9	57

#	ARTICLE	IF	CITATIONS
55	An M-phase-specific protein kinase of <i>Xenopus</i> oocytes: Partial purification and possible mechanism of its periodic activation. <i>Developmental Biology</i> , 1988, 127, 157-169.	0.9	94
56	6-Dimethylaminopurine blocks starfish oocyte maturation by inhibiting a relevant protein kinase activity. <i>Experimental Cell Research</i> , 1988, 176, 68-79.	1.2	134
57	Cyclic activation of histone H1 kinase during sea urchin egg mitotic divisions. <i>Experimental Cell Research</i> , 1988, 174, 116-129.	1.2	119
58	Role of nuclear material in the early cell cycle of <i>xenopus</i> embryos. <i>Cell</i> , 1988, 52, 525-533.	13.5	68
59	Regulation of enzyme levels by proteolysis: The role of pest regions. <i>Advances in Enzyme Regulation</i> , 1988, 27, 121-131.	2.9	120
60	Regulation of MPF activity in vitro. <i>Cell</i> , 1988, 53, 185-195.	13.5	213
61	Cyclin in fission yeast. <i>Cell</i> , 1988, 54, 738-740.	13.5	151
62	Mitosis-inducing factors are present in a latent form during interphase in the <i>Xenopus</i> embryo.. <i>Journal of Cell Biology</i> , 1988, 106, 2047-2056.	2.3	71
63	Long-lasting and rapid calcium changes during mitosis.. <i>Journal of Cell Biology</i> , 1988, 107, 993-999.	2.3	67
64	Amphibian oocyte maturation induced by extracts of <i>Physarum polycephalum</i> in mitosis.. <i>Journal of Cell Biology</i> , 1988, 106, 1445-1452.	2.3	17
65	Nuclear and cytoplasmic mitotic cycles continue in <i>Drosophila</i> embryos in which DNA synthesis is inhibited with aphidicolin.. <i>Journal of Cell Biology</i> , 1988, 107, 2009-2019.	2.3	218
66	Thiol protease-specific inhibitor E-64 arrests human epidermoid carcinoma A431 cells at mitotic metaphase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 146-150.	3.3	62
67	The WHI1+ gene of <i>Saccharomyces cerevisiae</i> tethers cell division to cell size and is a cyclin homolog.. <i>EMBO Journal</i> , 1988, 7, 4335-4346.	3.5	512
68	MPF from starfish oocytes at first meiotic metaphase is a heterodimer containing one molecule of cdc2 and one molecule of cyclin B.. <i>EMBO Journal</i> , 1989, 8, 3053-3058.	3.5	507
69	A post-ribosomal supernatant from activated <i>Xenopus</i> eggs that displays post-translationally regulated oscillation of its cdc2+ mitotic kinase activity.. <i>EMBO Journal</i> , 1989, 8, 3059-3069.	3.5	118
70	Cyclin is a component of the sea urchin egg M-phase specific histone H1 kinase.. <i>EMBO Journal</i> , 1989, 8, 2275-2282.	3.5	287
71	Regulation of the cell cycle timing of mitosis. <i>Journal of Cell Science</i> , 1989, 1989, 1-8.	1.2	14
72	The mammalian cdc2 protein kinase: mechanisms of regulation during the cell cycle. <i>Journal of Cell Science</i> , 1989, 1989, 21-27.	1.2	27

#	ARTICLE	IF	CITATIONS
73	Cyclin synthesis and degradation and the embryonic cell cycle. <i>Journal of Cell Science</i> , 1989, 1989, 65-76.	1.2	28
74	Analysis of the Cdc28 protein kinase complex by dosage suppression. <i>Journal of Cell Science</i> , 1989, 1989, 29-37.	1.2	22
75	Dominoes and clocks: the union of two views of the cell cycle. <i>Science</i> , 1989, 246, 614-621.	6.0	740
76	Calcium-induced chromatin condensation and cyclin phosphorylation during chromatin condensation cycles in ammonia-activated sea urchin eggs. <i>Journal of Cell Science</i> , 1989, 1989, 129-144.	1.2	29
77	The role of cyclin B in meiosis I. <i>Journal of Cell Biology</i> , 1989, 108, 1431-1444.	2.3	269
78	On the coupling between DNA replication and mitosis. <i>Journal of Cell Science</i> , 1989, 1989, 149-160.	1.2	103
79	Fission yeast cyclin: subcellular localisation and cell cycle regulation. <i>Journal of Cell Science</i> , 1989, 1989, 9-19.	1.2	40
80	Mitosis in <i>Drosophila</i> development. <i>Journal of Cell Science</i> , 1989, 1989, 277-291.	1.2	16
81	Directing cell division during development. <i>Science</i> , 1989, 246, 635-640.	6.0	194
82	Control of programmed cyclin destruction in a cell-free system. <i>Journal of Cell Biology</i> , 1989, 109, 1895-1909.	2.3	146
83	The role of cyclin synthesis, modification and destruction in the control of cell division. <i>Journal of Cell Science</i> , 1989, 1989, 77-97.	1.2	148
84	Temporal regulation of cdc2 mitotic kinase activity and cyclin degradation in cell-free extracts of <i>Xenopus</i> eggs. <i>Journal of Cell Science</i> , 1989, 1989, 99-116.	1.2	9
85	Cellular and viral control of the initiation of DNA replication. <i>Journal of Cell Science</i> , 1989, 1989, 171-182.	1.2	10
86	The Cell Cycle. <i>American Zoologist</i> , 1989, 29, 511-522.	0.7	82
87	Microtubule assembly is required for the formation of the pronuclei, nuclear lamin acquisition, and DNA synthesis during mouse, but not sea urchin, fertilization. <i>Gamete Research</i> , 1989, 23, 309-322.	1.7	34
88	The egg of <i>Xenopus laevis</i> : A model system for studying cell activation. <i>Cell Differentiation and Development</i> , 1989, 28, 71-93.	0.4	13
89	Control of the higher eukaryote cell cycle by p34cdc2 homologues. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1989, 989, 85-95.	3.3	52
90	The maintenance of colchicine-arrested metaphases in plants requires protein synthesis. <i>Cell Proliferation</i> , 1989, 22, 319-331.	2.4	3

#	ARTICLE	IF	CITATIONS
91	Mitosis at st andrews: Pulling the treads together. <i>BioEssays</i> , 1989, 11, 35-38.	1.2	5
92	Cyclin and MPF: Driving mitosis. <i>BioEssays</i> , 1989, 11, 149-151.	1.2	4
93	Heterochrony: Developmental mechanisms and evolutionary results. <i>Journal of Evolutionary Biology</i> , 1989, 2, 409-434.	0.8	205
94	Genetic interactions in the control of mitosis in fission yeast. <i>Current Genetics</i> , 1989, 16, 1-6.	0.8	28
95	Transcripts of one of two <i>Drosophila</i> cyclin genes become localized in pole cells during embryogenesis. <i>Nature</i> , 1989, 338, 337-340.	13.7	132
96	Regulating the cell cycle. <i>Nature</i> , 1989, 339, 97-98.	13.7	9
97	Cyclin synthesis drives the early embryonic cell cycle. <i>Nature</i> , 1989, 339, 275-280.	13.7	1,236
98	The complexities of the cell cycle. <i>Trends in Biochemical Sciences</i> , 1989, 14, 85-87.	3.7	5
99	Isolation of a human cyclin cDNA: Evidence for cyclin mRNA and protein regulation in the cell cycle and for interaction with p34cdc2. <i>Cell</i> , 1989, 58, 833-846.	13.5	946
100	The fission yeast <i>cdc2/cdc13/suc1</i> protein kinase: Regulation of catalytic activity and nuclear localization. <i>Cell</i> , 1989, 58, 485-497.	13.5	429
101	An essential G1 function for cyclin-like proteins in yeast. <i>Cell</i> , 1989, 59, 1127-1133.	13.5	601
102	A 60 kd <i>cdc2</i> -associated polypeptide complexes with the E1A proteins in adenovirus-infected cells. <i>Cell</i> , 1989, 58, 981-990.	13.5	289
103	Expression and function of <i>Drosophila</i> cyclin a during embryonic cell cycle progression. <i>Cell</i> , 1989, 56, 957-968.	13.5	432
104	The molecular biology of circadian rhythms. <i>Neuron</i> , 1989, 3, 387-398.	3.8	136
105	Fission yeast p13 blocks mitotic activation and tyrosine dephosphorylation of the <i>Xenopus</i> <i>cdc2</i> protein kinase. <i>Cell</i> , 1989, 58, 181-191.	13.5	361
106	<i>cdc2</i> protein kinase is complexed with both cyclin A and B: Evidence for proteolytic inactivation of MPF. <i>Cell</i> , 1989, 56, 829-838.	13.5	690
107	Regulation of p34cdc2 protein kinase during mitosis. <i>Cell</i> , 1989, 58, 361-372.	13.5	584
108	Purification of MPF from starfish: Identification as the H1 histone kinase p34cdc2 and a possible mechanism for its periodic activation. <i>Cell</i> , 1989, 57, 253-263.	13.5	383

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109	Microinjection of antibodies to a 62 kd mitotic apparatus protein arrests mitosis in dividing sea urchin embryos. <i>Cell</i> , 1989, 57, 127-134.	13.5	48
110	Simple and Complex Cell Cycles. <i>Annual Review of Cell Biology</i> , 1989, 5, 341-396.	26.0	189
111	A requirement for protein phosphorylation in regulating the meiotic and mitotic cell cycles in echinoderms. <i>Developmental Biology</i> , 1989, 132, 304-314.	0.9	49
112	Parthenogenesis in <i>Xenopus</i> eggs injected with centrosomes from synchronized human lymphoid cells. <i>Developmental Biology</i> , 1989, 136, 321-329.	0.9	44
113	A review of mitosis in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Experimental Cell Research</i> , 1989, 184, 273-286.	1.2	36
114	The degradation signal in a short-lived protein. <i>Cell</i> , 1989, 56, 1019-1032.	13.5	430
115	A putative protein kinase overcomes pheromone-induced arrest of cell cycling in <i>S. cerevisiae</i> . <i>Cell</i> , 1989, 58, 1107-1119.	13.5	316
116	Translation of cyclin mRNA is necessary for extracts of activated <i>Xenopus</i> eggs to enter mitosis. <i>Cell</i> , 1989, 56, 947-956.	13.5	463
117	DNA replication and cell cycle control in <i>Xenopus</i> egg extracts. <i>Journal of Cell Science</i> , 1989, 1989, 197-212.	1.2	31
118	Cell cycle-specific variation of intercellular plasminogen activator activity in cultured human alveolar epithelial carcinoma and rat hepatoma cells. <i>Biology of the Cell</i> , 1989, 65, 297-300.	0.7	2
119	Circadian regulation of bioluminescence in <i>Gonyaulax</i> involves translational control.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 172-176.	3.3	194
120	A family of cyclin homologs that control the G1 phase in yeast.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 6255-6259.	3.3	422
121	Purification and Characterization of Multicatalytic Proteinase from Eggs of the Ascidian <i>Halocynthia roretzi</i> . <i>Journal of Biochemistry</i> , 1989, 105, 254-260.	0.9	27
122	The A- and B-type cyclin associated cdc2 kinases in <i>Xenopus</i> turn on and off at different times in the cell cycle.. <i>EMBO Journal</i> , 1990, 9, 2865-2875.	3.5	349
123	Okadaic acid, a potent inhibitor of type 1 and type 2A protein phosphatases, activates cdc2/H1 kinase and transiently induces a premature mitosis-like state in BHK21 cells.. <i>EMBO Journal</i> , 1990, 9, 4331-4338.	3.5	261
124	Identification of mitosis-specific p65 dimer as a component of human M phase-promoting factor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 9600-9604.	3.3	18
125	Periodic biosynthesis of the human M-phase promoting factor catalytic subunit p34 during the cell cycle.. <i>Molecular and Cellular Biology</i> , 1990, 10, 3847-3851.	1.1	94
126	Cell cycle arrest caused by CLN gene deficiency in <i>Saccharomyces cerevisiae</i> resembles START-I arrest and is independent of the mating-pheromone signalling pathway.. <i>Molecular and Cellular Biology</i> , 1990, 10, 6482-6490.	1.1	144



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127	Universal control mechanism regulating onset of M-phase. <i>Nature</i> , 1990, 344, 503-508.	13.7	2,904
128	Regulation of mitosis by cyclic accumulation of p80cdc25 mitotic inducer in fission yeast. <i>Nature</i> , 1990, 344, 549-552.	13.7	232
129	Cis-trans recognition and subunit-specific degradation of short-lived proteins. <i>Nature</i> , 1990, 346, 287-291.	13.7	153
130	Human cyclin A is adenovirus E1A-associated protein p60 and behaves differently from cyclin B. <i>Nature</i> , 1990, 346, 760-763.	13.7	758
131	Distinct nuclear and spindle pole body populations of cyclinâ€“cdc2 in fission yeast. <i>Nature</i> , 1990, 347, 680-682.	13.7	210
132	Functions of maternal mRNA in early development. <i>Molecular Reproduction and Development</i> , 1990, 26, 261-297.	1.0	74
133	The initiation of development at fertilization (Review). <i>Cell Differentiation and Development</i> , 1990, 29, 1-12.	0.4	104
134	Characterization of MPF activation by okadaic acid in <i>Xenopus</i> oocyte. <i>Cell Differentiation and Development</i> , 1990, 29, 47-58.	0.4	62
135	Patterns of protein synthesis during <i>Xenopus</i> oocyte maturation differ according to the type of stimulation. <i>Cell Differentiation and Development</i> , 1990, 31, 197-206.	0.4	2
136	Quantitative analysis of cellular differentiation during early embryogenesis of <i>Platynereis dumerilii</i> . <i>Roux's Archives of Developmental Biology</i> , 1990, 199, 14-30.	1.2	58
137	Roots: The discovery (or rediscovery?) of the phenomenon of premature chromosome condensation. <i>BioEssays</i> , 1990, 12, 193-197.	1.2	5
138	A review of echinoderm oogenesis. <i>Journal of Electron Microscopy Technique</i> , 1990, 16, 93-114.	1.1	48
139	Release of metaphase arrest by partial inhibition of protein synthesis in blue mussel oocytes. <i>The Journal of Experimental Zoology</i> , 1990, 256, 323-332.	1.4	29
140	<i>Drosophila</i> cdc2 homologs: a functional homolog is coexpressed with a cognate variant.. <i>EMBO Journal</i> , 1990, 9, 3573-3581.	3.5	168
141	Complementation of fission yeast cdc2ts and cdc25ts mutants identifies two cell cycle genes from <i>Drosophila</i> : a cdc2 homologue and string.. <i>EMBO Journal</i> , 1990, 9, 3565-3571.	3.5	130
142	Cdc2 H1 kinase is negatively regulated by a type 2A phosphatase in the <i>Xenopus</i> early embryonic cell cycle: evidence from the effects of okadaic acid.. <i>EMBO Journal</i> , 1990, 9, 675-683.	3.5	234
143	The recognition component of the N-end rule pathway.. <i>EMBO Journal</i> , 1990, 9, 3179-3189.	3.5	352
144	The A- and B-type cyclins of <i>Drosophila</i> are accumulated and destroyed in temporally distinct events that define separable phases of the G2-M transition.. <i>EMBO Journal</i> , 1990, 9, 2563-2572.	3.5	246

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145	Control of Translation of Masked mRNAs in Clam Oocytes. <i>Enzyme</i> , 1990, 44, 106-119.	0.7	18
146	Human cDNAs encoding homologs of the small p34Cdc28/Cdc2-associated protein of <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> .. <i>Genes and Development</i> , 1990, 4, 1332-1344.	2.7	168
147	Effects of the v-mos oncogene on <i>Xenopus</i> development: meiotic induction in oocytes and mitotic arrest in cleaving embryos.. <i>Journal of Cell Biology</i> , 1990, 111, 533-541.	2.3	60
148	Maternal mRNA from clam oocytes can be specifically unmasked in vitro by antisense RNA complementary to the 3'-untranslated region.. <i>Genes and Development</i> , 1990, 4, 2157-2168.	2.7	73
149	Identification of an activator required for elevation of maturation-promoting factor (MPF) activity by gamma-S-ATP.. <i>Journal of Cell Biology</i> , 1990, 110, 1583-1588.	2.3	9
150	Cloning of the mouse homologue of the yeast cell cycle control gene cdc2. <i>DNA Sequence</i> , 1990, 1, 49-54.	0.7	36
151	Activation of M-phase-specific histone H1 kinase by modification of the phosphorylation of its p34cdc2 and cyclin components.. <i>Genes and Development</i> , 1990, 4, 9-17.	2.7	159
152	Carboxy-terminal determinants of intracellular protein degradation.. <i>Genes and Development</i> , 1990, 4, 277-286.	2.7	121
153	Two genes differentially regulated in the cell cycle and by DNA-damaging agents encode alternative regulatory subunits of ribonucleotide reductase.. <i>Genes and Development</i> , 1990, 4, 740-751.	2.7	295
154	Centrosome duplication continues in cycloheximide-treated <i>Xenopus</i> blastulae in the absence of a detectable cell cycle.. <i>Journal of Cell Biology</i> , 1990, 110, 2033-2042.	2.3	180
155	Regulation of proliferation by the budding yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemistry and Cell Biology</i> , 1990, 68, 427-435.	0.9	5
156	<i>Xenopus</i> oocytes and the biochemistry of cell division. <i>Biochemistry</i> , 1990, 29, 3157-3166.	1.2	192
157	Cyclin is a component of maturation-promoting factor from <i>Xenopus</i> . <i>Cell</i> , 1990, 60, 487-494.	13.5	684
158	Microinjection of p34cdc2 kinase induces marked changes in cell shape, cytoskeletal organization, and chromatin structure in mammalian fibroblasts. <i>Cell</i> , 1990, 60, 151-165.	13.5	159
159	Cell cycle control in eukaryotes: molecular mechanisms of cdc2 activation. <i>Trends in Biochemical Sciences</i> , 1990, 15, 378-383.	3.7	361
160	The roles of <i>Drosophila</i> cyclins A and B in mitotic control. <i>Cell</i> , 1990, 61, 535-547.	13.5	463
161	Driving the cell cycle: M phase kinase, its partners, and substrates. <i>Cell</i> , 1990, 61, 743-752.	13.5	427
162	Completion of DNA replication is monitored by a feedback system that controls the initiation of mitosis in vitro: Studies in <i>Xenopus</i> . <i>Cell</i> , 1990, 61, 811-823.	13.5	360

#	ARTICLE	IF	CITATIONS
163	The cyclin B2 component of MPF is a substrate for the c-mosxe proto-oncogene product. <i>Cell</i> , 1990, 61, 825-831.	13.5	121
164	A cdc2-like protein is involved in the initiation of DNA replication in <i>Xenopus</i> egg extracts. <i>Cell</i> , 1990, 62, 855-862.	13.5	222
165	G1-specific cyclins of <i>S. cerevisiae</i> : Cell cycle periodicity, regulation by mating pheromone, and association with the p34CDC28 protein kinase. <i>Cell</i> , 1990, 62, 225-237.	13.5	479
166	FAR-reaching discoveries about the regulation of START. <i>Cell</i> , 1990, 63, 1117-1120.	13.5	55
167	Identification of cell cycle-regulated phosphorylation sites on nuclear lamin C. <i>Cell</i> , 1990, 61, 561-577.	13.5	414
168	In vivo degradation of a transcriptional regulator: The yeast $\hat{1}\pm 2$ repressor. <i>Cell</i> , 1990, 61, 697-708.	13.5	251
169	Cyclin activation of p34cdc2. <i>Cell</i> , 1990, 63, 1013-1024.	13.5	730
170	A repeating amino acid motif in CDC23 defines a family of proteins and a new relationship among genes required for mitosis and RNA synthesis. <i>Cell</i> , 1990, 60, 307-317.	13.5	512
171	6DMAP inhibits chromatin decondensation but not sperm histone kinase in sea urchin male pronuclei. <i>Experimental Cell Research</i> , 1990, 188, 226-234.	1.2	30
172	The starfish egg mRNA responsible for meiosis reinitiation encodes cyclin. <i>Developmental Biology</i> , 1990, 140, 241-252.	0.9	29
173	Activation of protein kinase C triggers premature compaction in the four-cell stage mouse embryo. <i>Developmental Biology</i> , 1990, 138, 1-15.	0.9	172
174	Fission yeast CDC25 is a cell-cycle regulated protein. <i>Biochemical and Biophysical Research Communications</i> , 1990, 167, 301-309.	1.0	76
175	Intracellular messengers and the control of protein synthesis. , 1991, 50, 291-319.		60
176	Cyclin A, cell cycle control and oncogenesis. <i>Progress in Growth Factor Research</i> , 1991, 3, 267-277.	1.7	24
177	Protein kinases and protooncogenes: biochemical regulators of the eukaryotic cell cycle. <i>Biochemistry</i> , 1991, 30, 2293-2302.	1.2	56
178	MPF is activated in growing immature <i>Xenopus</i> oocytes in the absence of detectable tyrosine dephosphorylation of p34cdc2. <i>Experimental Cell Research</i> , 1991, 196, 241-245.	1.2	19
179	Nascent protein requirement for completion of meiotic maturation and pronuclear development: Examination of fertilized and A-23187-activated surf clam ( <i>Spisula solidissima</i> ) eggs. <i>Developmental Biology</i> , 1991, 148, 75-86.	0.9	10
180	In vivo protein phosphorylation and labeling of ATP in sea urchin eggs loaded with $^{32}\text{PO}_4$ via electroporation. <i>Developmental Biology</i> , 1991, 148, 156-164.	0.9	7

#	ARTICLE	IF	CITATIONS
181	A novel M phase-specific H1 kinase recognized by the mitosis-specific monoclonal antibody MPM-2. <i>Developmental Biology</i> , 1991, 144, 54-64.	0.9	26
182	Cell cycle regulation of the E2F transcription factor involves an interaction with cyclin A. <i>Cell</i> , 1991, 65, 1243-1253.	13.5	407
183	Isolation of three novel human cyclins by rescue of G1 cyclin (cln) function in yeast. <i>Cell</i> , 1991, 66, 1197-1206.	13.5	840
184	Human cyclin E, a new cyclin that interacts with two members of the CDC2 gene family. <i>Cell</i> , 1991, 66, 1217-1228.	13.5	650
185	Human D-type cyclin. <i>Cell</i> , 1991, 65, 691-699.	13.5	709
186	Colony-stimulating factor 1 regulates novel cyclins during the G1 phase of the cell cycle. <i>Cell</i> , 1991, 65, 701-713.	13.5	1,179
187	Evidence that the G1-S and G2-M transitions are controlled by different cdc2 proteins in higher eukaryotes. <i>Cell</i> , 1991, 66, 731-742.	13.5	502
188	A fission yeast B-type cyclin functioning early in the cell cycle. <i>Cell</i> , 1991, 66, 149-159.	13.5	95
189	Parallel activation of the NIMA and p34cdc2 cell cycle-regulated protein kinases is required to initiate mitosis in <i>A. nidulans</i> . <i>Cell</i> , 1991, 67, 283-291.	13.5	246
190	A role for the <i>Drosophila</i> neurogenic genes in mesoderm differentiation. <i>Cell</i> , 1991, 67, 311-323.	13.5	237
191	Cyclin a is required for the onset of DNA replication in mammalian fibroblasts. <i>Cell</i> , 1991, 67, 1169-1179.	13.5	889
192	Specific activation of cdc25 tyrosine phosphatases by B-type cyclins: Evidence for multiple roles of mitotic cyclins. <i>Cell</i> , 1991, 67, 1181-1194.	13.5	510
193	The cdc25 protein controls tyrosine dephosphorylation of the cdc2 protein in a cell-free system. <i>Cell</i> , 1991, 64, 903-914.	13.5	516
194	The role of CDC28 and cyclins during mitosis in the budding yeast <i>S. cerevisiae</i> . <i>Cell</i> , 1991, 65, 145-161.	13.5	510
195	A cyclin B homolog in <i>S. cerevisiae</i> : Chronic activation of the Cdc28 protein kinase by cyclin prevents exit from mitosis. <i>Cell</i> , 1991, 65, 163-174.	13.5	333
196	The role of SWI4 and SWI6 in the activity of G1 cyclins in yeast. <i>Cell</i> , 1991, 66, 995-1013.	13.5	368
197	INH, a negative regulator of MPF, is a form of protein phosphatase 2A. <i>Cell</i> , 1991, 64, 415-423.	13.5	247
198	A general approach to the isolation of cell cycle-regulated genes in the budding yeast, <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Biology</i> , 1991, 218, 543-556.	2.0	86

#	ARTICLE	IF	CITATIONS
199	The role of cyclins in the maturation of <i>Patella vulgata</i> oocytes.. EMBO Journal, 1991, 10, 3343-3349.	3.5	39
200	Cyclin promotes the tyrosine phosphorylation of p34cdc2 in a <i>wee1+</i> dependent manner.. EMBO Journal, 1991, 10, 1255-1263.	3.5	206
201	Mutations of p34cdc2 phosphorylation sites induce premature mitotic events in HeLa cells: evidence for a double block to p34cdc2 kinase activation in vertebrates.. EMBO Journal, 1991, 10, 3331-3341.	3.5	291
202	Loss of RCC1, a nuclear DNA-binding protein, uncouples the completion of DNA replication from the activation of cdc2 protein kinase and mitosis.. EMBO Journal, 1991, 10, 1555-1564.	3.5	175
203	A new human p34 protein kinase, CDK2, identified by complementation of a <i>cdc28</i> mutation in <i>Saccharomyces cerevisiae</i> , is a homolog of <i>Xenopus</i> Eg1.. EMBO Journal, 1991, 10, 2653-2659.	3.5	251
204	Isolation and characterization of cDNA clones for plant cyclins.. EMBO Journal, 1991, 10, 2681-2688.	3.5	135
205	Differential phosphorylation of vertebrate p34cdc2 kinase at the G1/S and G2/M transitions of the cell cycle: identification of major phosphorylation sites.. EMBO Journal, 1991, 10, 305-316.	3.5	399
206	Both cyclin A delta 60 and B delta 97 are stable and arrest cells in M-phase, but only cyclin B delta 97 turns on cyclin destruction.. EMBO Journal, 1991, 10, 4311-4320.	3.5	189
207	Cyclin B in <i>Xenopus</i> oocytes: implications for the mechanism of pre-MPF activation.. EMBO Journal, 1991, 10, 177-182.	3.5	169
208	Regulatory phosphorylation of the p34cdc2 protein kinase in vertebrates.. EMBO Journal, 1991, 10, 3321-3329.	3.5	451
209	A cyclin-abundance cycle-independent p34cdc2 tyrosine phosphorylation cycle in early sea urchin embryos.. EMBO Journal, 1991, 10, 3769-3775.	3.5	29
210	Molecular Basis of Cell Cycle Control in Early Mouse Embryos. International Review of Cytology, 1991, 129, 75-90.	6.2	7
211	[24] Purification of protein kinases that phosphorylate the repetitive carboxyl-terminal domain of eukaryotic RNA polymerase II. Methods in Enzymology, 1991, 200, 301-325.	0.4	47
212	Oncoprotein Kinases in Mitosis. Advances in Cancer Research, 1991, 57, 185-225.	1.9	22
213	Cell cycle regulation of thymidine kinase: residues near the carboxyl terminus are essential for the specific degradation of the enzyme at mitosis.. Molecular and Cellular Biology, 1991, 11, 2538-2546.	1.1	126
214	The incidence of abnormal morphology and nucleocytoplasmic ratios in 2-, 3- and 5-day human pre-embryos. Human Reproduction, 1991, 6, 17-24.	0.4	110
215	Characterization of a candidate <i>bcl-1</i> gene.. Molecular and Cellular Biology, 1991, 11, 4846-4853.	1.1	342
216	Protein synthesis requirements for nuclear division, cytokinesis, and cell separation in <i>Saccharomyces cerevisiae</i> .. Molecular and Cellular Biology, 1991, 11, 3691-3698.	1.1	61

#	ARTICLE	IF	CITATIONS
217	Changes in intracellular pH following egg activation and during the early cell cycle of the amphibian <i>Pleurodeles waltlii</i> , coincide with changes in MPF activity. <i>Biology of the Cell</i> , 1991, 72, 259-267.	0.7	9
218	Cell cycle regulation. <i>Blood Reviews</i> , 1991, 5, 177-192.	2.8	13
219	Cyclins and cell cycle control. <i>Current Biology</i> , 1991, 1, 23-24.	1.8	23
220	G1-specific cyclins: in search of an S-phase-promoting factor. <i>Trends in Genetics</i> , 1991, 7, 95-99.	2.9	177
221	Mitosis in the <i>Drosophila</i> embryo "in and out of control. <i>Trends in Genetics</i> , 1991, 7, 125-132.	2.9	52
222	Destruction's our delight.. <i>Nature</i> , 1991, 349, 100-101.	13.7	46
223	Cyclin is degraded by the ubiquitin pathway. <i>Nature</i> , 1991, 349, 132-138.	13.7	2,321
224	A novel cyclin encoded by a <i>bcl1</i> -linked candidate oncogene. <i>Nature</i> , 1991, 350, 512-515.	13.7	1,268
225	Identification of a G1-type cyclin <i>puc1+</i> in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Nature</i> , 1991, 351, 245-248.	13.7	100
226	Cyclin A and the retinoblastoma gene product complex with a common transcription factor. <i>Nature</i> , 1991, 352, 249-251.	13.7	318
228	Role for cyclin A in the dependence of mitosis on completion of DNA replication. <i>Nature</i> , 1991, 354, 314-317.	13.7	214
229	The G1 interval in the mammalian cell cycle: dual control by mass accumulation and stage-specific activities. <i>Cell Proliferation</i> , 1991, 24, 215-228.	2.4	12
230	Okadaic acid suppresses calcium regulation of mitosis onset in sea urchin embryos.. <i>Molecular Biology of the Cell</i> , 1991, 2, 391-402.	6.5	19
231	Activation of p34cdc2 kinase by cyclin A.. <i>Journal of Cell Biology</i> , 1991, 113, 507-514.	2.3	122
232	Fluctuation of histone H1 kinase activity during meiotic maturation in porcine oocytes. <i>Reproduction</i> , 1991, 93, 467-473.	1.1	113
233	Modeling the cell division cycle: <i>cdc2</i> and cyclin interactions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 7328-7332.	3.3	397
234	Chemically induced premature mitosis: differential response in rodent and human cells and the relationship to cyclin B synthesis and p34cdc2/cyclin B complex formation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 6843-6847.	3.3	106
235	A minimal cascade model for the mitotic oscillator involving cyclin and <i>cdc2</i> kinase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 9107-9111.	3.3	370

#	ARTICLE	IF	CITATIONS
236	Human cyclins A and B1 are differentially located in the cell and undergo cell cycle-dependent nuclear transport.. <i>Journal of Cell Biology</i> , 1991, 115, 1-17.	2.3	856
237	A complex containing p34cdc2 and cyclin B phosphorylates the nuclear lamin and disassembles nuclei of clam oocytes in vitro.. <i>Journal of Cell Biology</i> , 1991, 112, 523-533.	2.3	130
238	Progression from meiosis I to meiosis II in <i>Xenopus</i> oocytes requires de novo translation of the mosxe protooncogene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 5794-5798.	3.3	105
239	INHIBITION OF VIRAL MOS GENE-EXPRESSION IN TRANSFORMED-CELLS RESTRICTS CELL-CYCLE PROGRESSION THROUGH G1-PHASE AND G2-PHASE. <i>International Journal of Oncology</i> , 1992, 1, 513-23.	1.4	0
240	The <i>Crithidia fasciculata</i> CRK gene encodes a novel cdc2-related protein containing large inserts between highly conserved domains. <i>Nucleic Acids Research</i> , 1992, 20, 5451-5456.	6.5	23
241	A mouse cdc25 homolog is differentially and developmentally expressed.. <i>Genes and Development</i> , 1992, 6, 578-590.	2.7	72
242	The requirements for protein synthesis and degradation, and the control of destruction of cyclins A and B in the meiotic and mitotic cell cycles of the clam embryo.. <i>Journal of Cell Biology</i> , 1992, 116, 707-724.	2.3	259
243	Characterization of four B-type cyclin genes of the budding yeast <i>Saccharomyces cerevisiae</i> .. <i>Molecular Biology of the Cell</i> , 1992, 3, 805-818.	0.9	306
244	Evidence that Mos protein may not act directly on cyclin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 4573-4577.	3.3	11
245	Cyclin E/cdk2 and cyclin A/cdk2 kinases associate with p107 and E2F in a temporally distinct manner.. <i>Genes and Development</i> , 1992, 6, 1874-1885.	2.7	434
246	Cyclin-B homologs in <i>Saccharomyces cerevisiae</i> function in S phase and in G2.. <i>Genes and Development</i> , 1992, 6, 2021-2034.	2.7	274
247	Cyclins A and B associate with chromatin and the polar regions of spindles, respectively, and do not undergo complete degradation at anaphase in syncytial <i>Drosophila</i> embryos.. <i>Journal of Cell Biology</i> , 1992, 116, 967-976.	2.3	73
248	Okadaic acid induces interphase to mitotic-like microtubule dynamic instability by inactivating rescue.. <i>Journal of Cell Biology</i> , 1992, 119, 1271-1276.	2.3	114
249	Multiple roles for protein phosphatase 1 in regulating the <i>Xenopus</i> early embryonic cell cycle.. <i>Molecular Biology of the Cell</i> , 1992, 3, 687-698.	0.9	51
250	Regulation of the G <sub>2</sub> -mitosis transition. <i>Biochemistry and Cell Biology</i> , 1992, 70, 954-971.	0.9	22
251	Cyclin B2 undergoes cell cycle-dependent nuclear translocation and, when expressed as a non-destructible mutant, causes mitotic arrest in HeLa cells. <i>Journal of Cell Biology</i> , 1992, 117, 213-224.	2.3	301
252	Cyclin A recruits p33cdk2 to the cellular transcription factor DRTF1. <i>Journal of Cell Science</i> , 1992, 1992, 77-85.	1.2	16
253	Requirement for p34cdc2 kinase is restricted to mitosis in the mammalian cdc2 mutant FT210. <i>Journal of Cell Biology</i> , 1992, 117, 1041-1053.	2.3	69



#	ARTICLE	IF	CITATIONS
254	A 62-kD protein required for mitotic progression is associated with the mitotic apparatus during M-phase and with the nucleus during interphase.. <i>Journal of Cell Biology</i> , 1992, 119, 843-854.	2.3	13
255	Genes regulating the plant cell cycle: isolation of a mitotic-like cyclin from <i>Arabidopsis thaliana</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 3295-3299.	3.3	179
256	Chapter 26 Cellular oscillators and biological timing: the role of proteins and Ca <sup>2+</sup> . <i>Progress in Brain Research</i> , 1992, 92, 309-320.	0.9	4
257	Chapter 13 Mechanism and regulation of import and degradation of cytosolic proteins in the lysosome/vacuole. <i>New Comprehensive Biochemistry</i> , 1992, 22, 149-164.	0.1	1
258	Alfalfa Cyclins: Differential Expression during the Cell Cycle and in Plant Organs. <i>Plant Cell</i> , 1992, 4, 1531.	3.1	2
259	Calyculin A induces contractile ring-like apparatus formation and condensation of chromosomes in unfertilized sea urchin eggs.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 10613-10617.	3.3	32
260	Cloning of a D-type cyclin from murine erythroleukemia cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 2444-2447.	3.3	61
261	Mitotic Arrest in Tobacco Caused by the Phosphoprotein Phosphatase Inhibitor Okadaic Acid. <i>Plant and Cell Physiology</i> , 0, , .	1.5	8
262	Proliferating Cell Nuclear Antigen: A New Marker of Proliferation in Cancer. <i>Leukemia and Lymphoma</i> , 1992, 6, 459-468.	0.6	10
263	In vitro cell cycle arrest induced by using artificial DNA templates.. <i>Molecular and Cellular Biology</i> , 1992, 12, 3216-3223.	1.1	38
264	CDK2 encodes a 33-kDa cyclin A-associated protein kinase and is expressed before CDC2 in the cell cycle.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 2907-2911.	3.3	212
265	Cyclin B is associated with centrosomes in <i>Drosophila</i> mitotic cells. <i>Biology of the Cell</i> , 1992, 75, 121-126.	0.7	19
266	The Role of p34 Kinases in the G1 to S-Phase Transition. <i>Annual Review of Cell Biology</i> , 1992, 8, 529-561.	26.0	321
267	Towards understanding the control of the division cycle in animal cells. <i>Biochemistry and Cell Biology</i> , 1992, 70, 920-945.	0.9	62
268	G1 cyclins regulate proliferation of the budding yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemistry and Cell Biology</i> , 1992, 70, 946-953.	0.9	0
269	Genomic organization, chromosomal localization, and independent expression of human cyclin D genes. <i>Genomics</i> , 1992, 13, 565-574.	1.3	246
270	The cell cycle then and now. <i>Trends in Biochemical Sciences</i> , 1992, 17, 281-285.	3.7	56
271	Molecular cloning and chromosomal mapping of CCND genes encoding human D-type cyclins. <i>Genomics</i> , 1992, 13, 575-584.	1.3	187



#	ARTICLE	IF	CITATIONS
272	Animal Cell Cycles and Their Control. Annual Review of Biochemistry, 1992, 61, 441-468.	5.0	1,226
273	Coupling of mitosis to the completion of S phase in <i>Xenopus</i> occurs via modulation of the tyrosine kinase that phosphorylates p34cdc2. Cell, 1992, 68, 787-797.	13.5	234
274	The transcription factor E2F interacts with the retinoblastoma product and a p107-cyclin A complex in a cell cycle-regulated manner. Cell, 1992, 68, 157-166.	13.5	621
275	A cyclin A-protein kinase complex possesses sequence-specific DNA binding activity: p33cdk2 is a component of the E2F-cyclin A complex. Cell, 1992, 68, 167-176.	13.5	395
276	Oscillation of MPF is accompanied by periodic association between cdc25 and cdc2-cyclin B. Cell, 1992, 68, 323-332.	13.5	114
277	Effects of Ionizing Radiation on Cyclin Expression in HeLa Cells. Radiation Research, 1992, 132, 153.	0.7	36
278	Cyclin A is required in S phase in normal epithelial cells. Biochemical and Biophysical Research Communications, 1992, 182, 1144-1154.	1.0	266
279	Control of the cell cycle. Developmental Biology, 1992, 153, 1-15.	0.9	142
280	Changes in voltage-dependent ion currents during meiosis and first mitosis in eggs of an ascidian. Developmental Biology, 1992, 153, 272-282.	0.9	33
281	Purification and characterization of maturation-promoting factor in fish. Developmental Biology, 1992, 149, 8-15.	0.9	92
282	Behavior of germinal micronuclei under control of the somatic macronucleus during conjugation in <i>Paramecium caudatum</i> . Developmental Biology, 1992, 149, 317-326.	0.9	12
283	Regulation of M-phase progression in <i>Chaetopterus</i> oocytes by protein kinase C. Developmental Biology, 1992, 149, 395-405.	0.9	18
284	A family of human cdc2-related protein kinases.. EMBO Journal, 1992, 11, 2909-2917.	3.5	828
285	Cyclin A- and cyclin B-dependent protein kinases are regulated by different mechanisms in <i>Xenopus</i> egg extracts.. EMBO Journal, 1992, 11, 1751-1761.	3.5	85
286	Differential occurrence of CSF-like activity and transforming activity of Mos during the cell cycle in fibroblasts.. EMBO Journal, 1992, 11, 2447-2456.	3.5	30
287	Activation of p42 MAP kinase and the release of oocytes from cell cycle arrest.. EMBO Journal, 1992, 11, 3963-3975.	3.5	153
288	The Cln3-Cdc28 kinase complex of <i>S. cerevisiae</i> is regulated by proteolysis and phosphorylation.. EMBO Journal, 1992, 11, 1773-1784.	3.5	382
289	Sensory mother cell division is specifically affected in a Cyclin-A mutant of <i>Drosophila melanogaster</i> .. EMBO Journal, 1992, 11, 2935-2939.	3.5	11

#	ARTICLE	IF	CITATIONS
290	Uncoupling of Cell Cycle Control by Specific Inhibitors from Microbial Origin.. Nippon Nogeikagaku Kaishi, 1992, 66, 111-117.	0.0	0
291	The cell cycle in plant development. New Phytologist, 1992, 122, 1-20.	3.5	63
292	Formation of a regular dissipative structure: a bifurcation and non-linear analysis. BioSystems, 1992, 26, 211-222.	0.9	6
293	Identification of a mouse B-type cyclin which exhibits developmentally regulated expression in the germ line. Molecular Reproduction and Development, 1992, 33, 259-269.	1.0	99
294	The Ubiquitin System for Protein Degradation. Annual Review of Biochemistry, 1992, 61, 761-807.	5.0	1,415
295	Cell cycle control: many ways to skin a cat. Trends in Cell Biology, 1992, 2, 159-159.	3.6	28
296	A proliferation of cyclins. Trends in Cell Biology, 1992, 2, 77-81.	3.6	82
297	A new axis for cell division. Trends in Cell Biology, 1992, 2, 245-246.	3.6	2
298	M-phase-specific histone H1 kinase in fish oocytes. Purification, components and biochemical properties. FEBS Journal, 1992, 205, 537-543.	0.2	54
299	Role of yeast in cancer research. Cancer, 1992, 69, 2615-2621.	2.0	19
300	Cyclin synthesis: Who needs it?. BioEssays, 1993, 15, 149-155.	1.2	21
301	Sea urchin maternal mRNA classes with distinct developmental regulation. Genesis, 1993, 14, 397-406.	3.1	8
302	Regulated polyadenylation of clam maternal mRNAs in vitro. Genesis, 1993, 14, 492-499.	3.1	20
303	Order and disorder in biological systems through negative cross-diffusion of mitotic inhibitor—a mathematical model. Mathematical and Computer Modelling, 1993, 17, 105-112.	2.0	4
304	On the importance of protein phosphorylation in cell cycle control. Molecular and Cellular Biochemistry, 1993, 127-128, 267-281.	1.4	21
305	Adenovirus-E1A proteins transform cells by sequestering regulatory proteins. Molecular Biology Reports, 1993, 17, 197-207.	1.0	35
306	Evidence For the Presence of A Cdc2-Like Protein Kinase In the Dinoflagellate Cryptocodinium Cohnii. Journal of Eukaryotic Microbiology, 1993, 40, 91-96.	0.8	18
307	Signals and genes in the control of cell-cycle progression. Biochimica Et Biophysica Acta: Reviews on Cancer, 1993, 1155, 151-179.	3.3	45

#	ARTICLE	IF	CITATIONS
308	Cyclins and oncogenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1993, 1155, 63-78.	3.3	94
309	Cyclin A-mediated inhibition of intra-Golgi transport requires p34cdc2. <i>FEBS Letters</i> , 1993, 336, 549-554.	1.3	13
310	Control of the yeast cell cycle by the Cdc28 protein kinase. <i>Current Opinion in Cell Biology</i> , 1993, 5, 166-179.	2.6	504
311	Regulation of the Cell Cycle by Calcium and Calmodulin. <i>Endocrine Reviews</i> , 1993, 14, 40-58.	8.9	288
312	Toxicological and Pathological Applications of Proliferating Cell Nuclear Antigen (PCNA), A Novel Endogenous Marker for Cell Proliferation. <i>Critical Reviews in Toxicology</i> , 1993, 23, 77-109.	1.9	166
313	p34cdc2 Related Proteins in Control of Cell Cycle Progression, the Switch Between Division and Differentiation in Tissue Development, and Stimulation of Division by Auxin and Cytokinin. <i>Functional Plant Biology</i> , 1993, 20, 503.	1.1	78
314	Cyclins and their associated cyclin-dependent kinases in the human cell cycle. <i>Biochemical Society Transactions</i> , 1993, 21, 921-925.	1.6	72
315	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.	1.8	13
316	Redundant cyclin overexpression and gene amplification in breast cancer cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 1112-1116.	3.3	481
317	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.	2.7	491
318	Morphogenesis in the yeast cell cycle: regulation by Cdc28 and cyclins.. <i>Journal of Cell Biology</i> , 1993, 120, 1305-1320.	2.3	499
319	In vitro fusion of endocytic vesicles is inhibited by cyclin A-cdc2 kinase.. <i>Molecular Biology of the Cell</i> , 1993, 4, 541-553.	0.9	34
320	An inhibitor of p34CDC28 protein kinase activity from <i>Saccharomyces cerevisiae</i> . <i>Science</i> , 1993, 259, 216-219.	6.0	230
321	Negative regulation of G1 in mammalian cells: inhibition of cyclin E-dependent kinase by TGF-beta. <i>Science</i> , 1993, 260, 536-539.	6.0	567
322	4 Cell Cycle Control during Mammalian Oogenesis. <i>Current Topics in Developmental Biology</i> , 1993, 28, 125-153.	1.0	27
323	Cyclin D1 is a nuclear protein required for cell cycle progression in G1.. <i>Genes and Development</i> , 1993, 7, 812-821.	2.7	1,473
324	Subunit rearrangement of the cyclin-dependent kinases is associated with cellular transformation.. <i>Genes and Development</i> , 1993, 7, 1572-1583.	2.7	464
325	Sequences within the conserved cyclin box of human cyclin A are sufficient for binding to and activation of cdc2 kinase.. <i>Molecular and Cellular Biology</i> , 1993, 13, 1194-1201.	1.1	145

#	ARTICLE	IF	CITATIONS
327	A nuclear factor required for specific translation of cyclin B may control the timing of first meiotic cleavage in starfish oocytes.. <i>Molecular Biology of the Cell</i> , 1993, 4, 1295-1306.	0.9	45
328	Vitamin A-Deficient Testis Germ Cells are Arrested at the End of S Phase of the Cell Cycle: A Molecular Study of the Origin of Synchronous Spermatogenesis in Regenerated Seminiferous Tubules1. <i>Biology of Reproduction</i> , 1993, 48, 1157-1165.	1.2	43
329	Mitosis: Dissociability of Its Events. <i>International Review of Cytology</i> , 1993, 144, 217-258.	6.2	10
330	Expression of the Cyclin-dependent Kinase cdk4 in Perinatal and Adult Rat Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993, 9, 533-540.	1.4	5
331	Mitotic arrest caused by the amino terminus of <i>Xenopus</i> cyclin B2.. <i>Molecular and Cellular Biology</i> , 1993, 13, 1480-1488.	1.1	50
332	Differential function and expression of <i>Saccharomyces cerevisiae</i> B-type cyclins in mitosis and meiosis.. <i>Molecular and Cellular Biology</i> , 1993, 13, 2113-2125.	1.1	172
333	Cell cycle regulation of the yeast Cdc7 protein kinase by association with the Dbf4 protein.. <i>Molecular and Cellular Biology</i> , 1993, 13, 2899-2908.	1.1	248
334	The Ubiquitin-Mediated Proteolytic Pathway. <i>Brain Pathology</i> , 1993, 3, 67-75.	2.1	37
335	A new pair of B-type cyclins from <i>Saccharomyces cerevisiae</i> that function early in the cell cycle.. <i>EMBO Journal</i> , 1993, 12, 3437-3447.	3.5	87
336	The metaphase II arrest in mouse oocytes is controlled through microtubule-dependent destruction of cyclin B in the presence of CSF.. <i>EMBO Journal</i> , 1993, 12, 3773-3778.	3.5	251
337	A- and B-type cyclins differentially modulate substrate specificity of cyclin-cdk complexes.. <i>EMBO Journal</i> , 1993, 12, 1947-1954.	3.5	167
338	Destruction of the CDC28/CLB mitotic kinase is not required for the metaphase to anaphase transition in budding yeast.. <i>EMBO Journal</i> , 1993, 12, 1969-1978.	3.5	442
339	Programming events in the regulation of cell proliferation and death. <i>Clinical Chemistry</i> , 1993, 39, 356-361.	1.5	21
340	The ubiquitin-mediated proteolytic pathway: mechanisms of recognition of the proteolytic substrate and involvement in the degradation of native cellular proteins. <i>FASEB Journal</i> , 1994, 8, 182-191.	0.2	198
341	Destruction of <i>Xenopus</i> cyclins A and B2, but not B1, requires binding to p34cdc2.. <i>EMBO Journal</i> , 1994, 13, 584-594.	3.5	105
342	Human cyclin F.. <i>EMBO Journal</i> , 1994, 13, 6087-6098.	3.5	160
343	Identification of a novel vertebrate cyclin: cyclin B3 shares properties with both A- and B-type cyclins.. <i>EMBO Journal</i> , 1994, 13, 595-605.	3.5	106
344	Molecular Mechanisms in Ovulation. , 1994, , 207-258.		34

#	ARTICLE	IF	CITATIONS
345	Inhibition of cdc2 activation by INH/PP2A.. <i>Molecular Biology of the Cell</i> , 1994, 5, 323-338.	0.9	108
346	Review. <i>Biological Chemistry Hoppe-Seyler</i> , 1994, 375, 565-582.	1.4	30
347	The D-type cyclins and their role in tumorigenesis. <i>Journal of Cell Science</i> , 1994, 1994, 89-96.	1.2	98
348	Cell cycle-regulated degradation of <i>Xenopus</i> cyclin B2 requires binding to p34cdc2.. <i>Molecular Biology of the Cell</i> , 1994, 5, 713-724.	0.9	34
349	Evidence for a protein domain superfamily shared by the cyclins, TFIIB and RB/p107. <i>Nucleic Acids Research</i> , 1994, 22, 946-952.	6.5	74
350	Improved sensitivity of profile searches through the use of sequence weights and gap excision. <i>Bioinformatics</i> , 1994, 10, 19-29.	1.8	189
351	Distinct molecular mechanism regulate cell cycle timing at successive stages of <i>Drosophila</i> embryogenesis.. <i>Genes and Development</i> , 1994, 8, 440-452.	2.7	292
352	Cyclin-like accumulation and loss of the putative kinetochore motor CENP-E results from coupling continuous synthesis with specific degradation at the end of mitosis.. <i>Journal of Cell Biology</i> , 1994, 125, 1303-1312.	2.3	149
353	The effects of radiation on the expression of a newly cloned and characterized rat cyclin B mRNA. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994, 28, 135-144.	0.4	25
354	Immunohistochemical detection of cyclin D and cyclin A in human hyperproliferative epidermis. <i>Archives of Dermatological Research</i> , 1994, 286, 504-506.	1.1	11
355	Control of cell proliferation during plant development. <i>Plant Molecular Biology</i> , 1994, 26, 1289-1303.	2.0	28
356	Subdivision of the mitotic cycle into eleven stages, on the basis of the chromosomal changes observed in mouse duodenal crypt cells stained by the DNA-specific feulgen reaction. <i>The Anatomical Record</i> , 1994, 238, 289-296.	2.3	11
357	The G1/S cell-cycle checkpoint in eukaryotic cells. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1994, 1198, 215-230.	3.3	21
358	Independent regulation of microtubule spacing and microtubule stability following redundancy of nutritive tubes in telotrophic ovaries in hemiptera (insecta). <i>Arthropod Structure and Development</i> , 1994, 23, 297-309.	0.4	5
359	Distribution of the cdc2 gene product in normal tissues: an immunocytochemical study using four new monoclonal antibodies. <i>Histopathology</i> , 1994, 24, 335-340.	1.6	8
360	Cyclin E controls S phase progression and its down-regulation during <i>Drosophila</i> embryogenesis is required for the arrest of cell proliferation. <i>Cell</i> , 1994, 77, 107-120.	13.5	545
361	roughex is a dose-dependent regulator of the second meiotic division during <i>Drosophila</i> spermatogenesis. <i>Cell</i> , 1994, 77, 1015-1025.	13.5	61
362	Closing the cell cycle circle in yeast: G2 cyclin proteolysis initiated at mitosis persists until the activation of G1 cyclins in the next cycle. <i>Cell</i> , 1994, 77, 1037-1050.	13.5	472

#	ARTICLE	IF	CITATIONS
363	Into and out of G1: The control of cell proliferation. <i>Biochimie</i> , 1994, 76, 887-894.	1.3	5
364	Cell cycle-dependent expression of cyclin D1 and a 45 kD protein in human A549 lung carcinoma cells.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1994, 10, 437-447.	1.4	10
365	13 Regulation of Oocyte Maturation in Fish. <i>Fish Physiology</i> , 1994, 13, 393-439.	0.2	76
366	Cell Cycle Genes of <i>Drosophila</i> . <i>Advances in Genetics</i> , 1994, 31, 79-138.	0.8	9
367	Sister-Chromatid Cohesion in Mitosis and Meiosis. <i>Annual Review of Genetics</i> , 1994, 28, 167-187.	3.2	211
368	Ca <sup>2+</sup> is involved through type II calmodulin-dependent protein kinase in cyclin degradation and exit from metaphase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1223, 325-332.	1.9	52
369	Phosphoprotein phosphatase 1 (PP1) is a component of the isolated sea urchin mitotic apparatus. <i>Cytoskeleton</i> , 1994, 29, 280-290.	4.4	14
370	Changes of Protein Patterns during Induction of the First Cell Divisions in <i>Petunia</i> ( <i>Petunia hybrida</i> ) Protoplast Cultures. <i>Journal of Plant Physiology</i> , 1994, 144, 555-561.	1.6	3
371	Identification of cDNAs encoding bovine cyclin B and Cdk1/Cdc2. <i>Gene</i> , 1994, 141, 283-286.	1.0	11
372	The molecular basis for cell cycle delays following ionizing radiation: a review. <i>Radiotherapy and Oncology</i> , 1994, 31, 1-13.	0.3	275
373	Expression and Function of Protein Kinases During Mammalian Gametogenesis. <i>Advances in Developmental Biochemistry</i> , 1994, , 1-53.	0.9	0
374	Immunohistochemistry of Cyclin D1 in Human Breast Cancer. <i>American Journal of Clinical Pathology</i> , 1994, 102, 695-698.	0.4	103
375	Structure and cell cycle-regulated transcription of the human cyclin A gene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 5490-5494.	3.3	261
376	Three discrete classes of <i>Arabidopsis</i> cyclins are expressed during different intervals of the cell cycle.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 11313-11317.	3.3	104
377	Interaction between the Cig1 and Cig2 B-type cyclins in the fission yeast cell cycle.. <i>Molecular and Cellular Biology</i> , 1994, 14, 768-776.	1.1	82
378	Ca <sup>2+</sup> triggers premature inactivation of the cdc2 protein kinase in permeabilized sea urchin embryos.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 6176-6180.	3.3	19
379	Cloning of four cyclins from maize indicates that higher plants have three structurally distinct groups of mitotic cyclins.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 7375-7379.	3.3	100
380	Developmental Expression of the <i>Arabidopsis</i> Cyclin Gene <i>cyc1At</i> . <i>Plant Cell</i> , 1994, 6, 1763.	3.1	59

#	ARTICLE	IF	CITATIONS
381	Mitotic Regulation of a TATA-Binding-Protein-Containing Complex. <i>Molecular and Cellular Biology</i> , 1995, 15, 1983-1992.	1.1	105
382	Cell cycle control mechanisms and their role in cardiac growth. <i>Cardiovascular Research</i> , 1995, 30, 557-569.	1.8	51
383	Cyclins and cyclin-dependent kinases: a biochemical view. <i>Biochemical Journal</i> , 1995, 308, 697-711.	1.7	522
384	Calcium and Calmodulin Regulation of the Nuclear Division Cycle of <i>Aspergillus Nidulans</i> . <i>Advances in Molecular and Cell Biology</i> , 1995, 13, 89-136.	0.1	4
385	The cyclosome, a large complex containing cyclin-selective ubiquitin ligase activity, targets cyclins for destruction at the end of mitosis.. <i>Molecular Biology of the Cell</i> , 1995, 6, 185-197.	0.9	725
386	Cell Cycle: The only way out of mitosis. <i>Current Biology</i> , 1995, 5, 970-972.	1.8	33
387	Structuring cell-cycle biology. <i>Structure</i> , 1995, 3, 1131-1134.	1.6	5
388	The crystal structure of cyclin A. <i>Structure</i> , 1995, 3, 1235-1247.	1.6	183
389	Release of mouse eggs from metaphase arrest by protein synthesis inhibition in the absence of a calcium signal or microtubule assembly. <i>Molecular Reproduction and Development</i> , 1995, 41, 264-273.	1.0	31
390	Protein tyrosine phosphorylation during sea urchin fertilization: Microtubule dynamics require tyrosine kinase activity. <i>Cytoskeleton</i> , 1995, 30, 122-135.	4.4	37
391	Effect of hyperthermia on cyclin B expression in a human glioblastoma cell line. <i>Journal of Neuro-Oncology</i> , 1995, 25, 127-133.	1.4	0
392	PEST sequences in calmodulin-binding proteins. <i>Molecular and Cellular Biochemistry</i> , 1995, 149-150, 17-27.	1.4	50
393	Classification and expression of a family of cyclin gene homologues in <i>Brassica napus</i> . <i>Plant Molecular Biology</i> , 1995, 27, 263-275.	2.0	28
394	Isolation of a full-length mitotic cyclin cDNA clone <i>CyclIII</i> M from <i>Medicago sativa</i> : Chromosomal mapping and expression. <i>Plant Molecular Biology</i> , 1995, 27, 1059-1070.	2.0	37
395	Mouse cyclin F maps to a conserved linkage group on mouse Chromosome 17. <i>Mammalian Genome</i> , 1995, 6, 149-150.	1.0	5
396	Localization and quantification of cyclin A and B mRNA during the embryonic development of <i>Patella vulgata</i> . <i>Roux's Archives of Developmental Biology</i> , 1995, 204, 157-163.	1.2	3
397	Onset of transcription in <i>Patella vulgata</i> coincides with cell cycle elongation and expression of tubulin genes. <i>Roux's Archives of Developmental Biology</i> , 1995, 204, 193-197.	1.2	5
398	The plant cell cycle. <i>Physiologia Plantarum</i> , 1995, 93, 365-374.	2.6	24



#	ARTICLE	IF	CITATIONS
399	Overexpression of cyclin D1 in the Dami megakaryocytic cell line causes growth arrest. <i>Blood</i> , 1995, 86, 294-304.	0.6	49
400	Evidence for post-transcriptional regulation of cyclin B1 mRNA in the cell cycle and following irradiation in HeLa cells.. <i>EMBO Journal</i> , 1995, 14, 603-609.	3.5	111
401	The NIMA protein kinase is hyperphosphorylated and activated downstream of p34cdc2/cyclin B: coordination of two mitosis promoting kinases.. <i>EMBO Journal</i> , 1995, 14, 986-994.	3.5	135
402	Mitotic destruction of the cell cycle regulated NIMA protein kinase of <i>Aspergillus nidulans</i> is required for mitotic exit.. <i>EMBO Journal</i> , 1995, 14, 995-1003.	3.5	86
403	Cell Cycle-dependent Regulation of the Cyclin B1 Promoter. <i>Journal of Biological Chemistry</i> , 1995, 270, 28419-28424.	1.6	100
404	Cyclin B and Cdc2 Expression and Cd2 Kinase Activity During <i>Dictyostelium</i> Differentiation. <i>DNA and Cell Biology</i> , 1995, 14, 901-908.	0.9	16
405	Members of the NAP/SET family of proteins interact specifically with B-type cyclins.. <i>Journal of Cell Biology</i> , 1995, 130, 661-673.	2.3	164
406	Raf1 interaction with Cdc25 phosphatase ties mitogenic signal transduction to cell cycle activation.. <i>Genes and Development</i> , 1995, 9, 1046-1058.	2.7	212
407	Distinct classes of mitotic cyclins are differentially expressed in the soybean shoot apex during the cell cycle.. <i>Plant Cell</i> , 1995, 7, 1143-1155.	3.1	109
408	Oocyte activation and passage through the metaphase/anaphase transition of the meiotic cell cycle is blocked in clams by inhibitors of HMG-CoA reductase activity.. <i>Journal of Cell Biology</i> , 1995, 128, 1145-1162.	2.3	14
409	CP60: a microtubule-associated protein that is localized to the centrosome in a cell cycle-specific manner.. <i>Molecular Biology of the Cell</i> , 1995, 6, 1673-1684.	0.9	54
410	Polo-like Kinase Is a Cell Cycle-regulated Kinase Activated during Mitosis. <i>Journal of Biological Chemistry</i> , 1995, 270, 21086-21091.	1.6	150
411	A <i>Xenopus</i> Nonmuscle Myosin Heavy Chain Isoform Is Phosphorylated by Cyclin-p34cdc2 Kinase during Meiosis. <i>Journal of Biological Chemistry</i> , 1995, 270, 1395-1401.	1.6	26
412	Cyclins and Cyclin-Dependent Kinases: Theme and Variations. <i>Advances in Cancer Research</i> , 1995, 66, 181-212.	1.9	142
413	Human Cyclin E, a Nuclear Protein Essential for the G <sub>1</sub> -to-S Phase Transition. <i>Molecular and Cellular Biology</i> , 1995, 15, 2612-2624.	1.1	1,102
414	A Family of Cyclin D Homologs from Plants Differentially Controlled by Growth Regulators and Containing the Conserved Retinoblastoma Protein Interaction Motif. <i>Plant Cell</i> , 1995, 7, 85.	3.1	1
415	Distinct Classes of Mitotic Cyclins Are Differentially Expressed in the Soybean Shoot Apex during the Cell Cycle. <i>Plant Cell</i> , 1995, 7, 1143.	3.1	22
416	NAP1 acts with Clb1 to perform mitotic functions and to suppress polar bud growth in budding yeast.. <i>Journal of Cell Biology</i> , 1995, 130, 675-685.	2.3	126



#	ARTICLE	IF	CITATIONS
417	Distinct modes of cyclin E/cdc2c kinase regulation and S-phase control in mitotic and endoreduplication cycles of <i>Drosophila</i> embryogenesis.. <i>Genes and Development</i> , 1995, 9, 1327-1339.	2.7	217
418	Requirement for phosphorylation of cyclin B1 for <i>Xenopus</i> oocyte maturation.. <i>Molecular Biology of the Cell</i> , 1995, 6, 1111-1124.	0.9	70
419	Characterization of the Mitotic Specific Phosphorylation Site of Histone H1. <i>Journal of Biological Chemistry</i> , 1995, 270, 27653-27660.	1.6	45
420	CDC25 phosphatases as potential human oncogenes. <i>Science</i> , 1995, 269, 1575-1577.	6.0	482
421	Expression of cyclin DI in human prostate cancer cell lines. <i>Urologic Oncology: Seminars and Original Investigations</i> , 1995, 1, 101-108.	0.8	4
422	Cyclin Ubiquitination: The destructive end of mitosis. <i>Cell</i> , 1995, 81, 149-152.	13.5	309
423	4 Regulation of Oocyte Growth and Maturation in Fish. <i>Current Topics in Developmental Biology</i> , 1995, 30, 103-145.	1.0	281
424	Genetic control of mitosis, meiosis and cellular differentiation during mammalian spermatogenesis. <i>Reproduction, Fertility and Development</i> , 1995, 7, 669.	0.1	44
425	Analysis of cell cycle regulation using <i>Aspergillus nidulans</i> . <i>Canadian Journal of Botany</i> , 1995, 73, 359-363.	1.2	5
426	Cell cycle regulation of the primitive dinoflagellate <i>Cryptocodinium cohnii</i> Biecheler: Evidence for the presence of an homolog of cyclin B. <i>Biology of the Cell</i> , 1995, 84, 35-42.	0.7	13
427	The isolation of lupine cDNA clone coding for putative cyclin protein. <i>Biochimie</i> , 1996, 78, 90-94.	1.3	9
428	Activity of the Retinoblastoma Family Proteins, pRB, p107, and p130, during Cellular Proliferation and Differentiation. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1996, 31, 237-271.	2.3	117
429	Cdc53 Targets Phosphorylated G1 Cyclins for Degradation by the Ubiquitin Proteolytic Pathway. <i>Cell</i> , 1996, 86, 453-463.	13.5	285
430	Identification of cyclin A as a molecular target of antinuclear antibodies (ANA) in hepatic and non-hepatic autoimmune disease. <i>Journal of Hepatology</i> , 1996, 25, 859-866.	1.8	52
431	WEE1-like CDK tyrosine kinase mRNA level is regulated temporally and spatially in sea urchin embryos. <i>Mechanisms of Development</i> , 1996, 58, 75-88.	1.7	8
432	SKP1 Connects Cell Cycle Regulators to the Ubiquitin Proteolysis Machinery through a Novel Motif, the F-Box. <i>Cell</i> , 1996, 86, 263-274.	13.5	1,336
433	Rapid Degradation of the G1 Cyclin Cln2 Induced by CDK-Dependent Phosphorylation. <i>Science</i> , 1996, 271, 1597-1601.	6.0	228
434	Viewpoint: Putting the Cell Cycle in Order. <i>Science</i> , 1996, 274, 1643-1645.	6.0	348

#	ARTICLE	IF	CITATIONS
435	How Proteolysis Drives the Cell Cycle. <i>Science</i> , 1996, 274, 1652-1659.	6.0	1,249
436	The N Terminus of Antizyme Promotes Degradation of Heterologous Proteins. <i>Journal of Biological Chemistry</i> , 1996, 271, 4441-4446.	1.6	32
438	Cyclinâ€“dependent protein kinases and the regulation of the eukaryotic cell cycle. , 0, , 179-201.		3
440	An inhibitor of p34cdc2/cyclin B that regulates the G2/M transition in <i>Xenopus</i> extracts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 352-356.	3.3	42
441	Two S-phase checkpoint systems, one involving the function of both BIME and Tyr15 phosphorylation of p34cdc2, inhibit NIMA and prevent premature mitosis.. <i>EMBO Journal</i> , 1996, 15, 3599-3610.	3.5	72
442	The proteolysis of mitotic cyclins in mammalian cells persists from the end of mitosis until the onset of S phase.. <i>EMBO Journal</i> , 1996, 15, 5280-5289.	3.5	253
443	Isolation and Characterization of the cDNA for an A-like Cyclin in <i>Adiantum capillus-veneris</i> L.. <i>Plant and Cell Physiology</i> , 1996, 37, 825-832.	1.5	14
444	Cell Cycle Control in Fission Yeast and Mammals: Identification of New Regulatory Mechanisms. <i>Advances in Cancer Research</i> , 1996, 69, 17-62.	1.9	31
445	Developmental Failure in Preimplantation Human Conceptuses. <i>International Review of Cytology</i> , 1996, 164, 139-188.	6.2	3
446	Transcriptional Activation of Thymidine Kinase, a Marker for Cell Cycle Control. <i>Progress in Molecular Biology and Translational Science</i> , 1996, 53, 197-217.	1.9	13
447	The Cell Cycle in Polyploid Megakaryocytes Is Associated with Reduced Activity of Cyclin B1-dependent Cdc2 Kinase. <i>Journal of Biological Chemistry</i> , 1996, 271, 4266-4272.	1.6	100
448	Cell cycle regulation in <i>Aspergillus</i> by two protein kinases. <i>Biochemical Journal</i> , 1996, 317, 633-641.	1.7	92
449	Cyclin from Sea Urchins to HeLas: Making the Human Cell Cycle. <i>Biochemical Society Transactions</i> , 1996, 24, 15-33.	1.6	37
450	Differential expression of D-type G1 cyclins during mouse development and liver regeneration in vivo. <i>Molecular Reproduction and Development</i> , 1996, 43, 414-420.	1.0	17
451	Cell cycle regulation by the retinoblastoma family of growth inhibitory proteins. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1996, 1287, 103-120.	3.3	94
452	Transgenic mouse models of breast cancer. <i>Breast Cancer Research and Treatment</i> , 1996, 39, 119-135.	1.1	47
453	Identification and characterization of maturation-promoting factor from catfish, <i>Clarias batrachus</i> . <i>Fish Physiology and Biochemistry</i> , 1996, 15, 255-263.	0.9	2
454	Cyclins and the Wiring of the Yeast Cell Cycle. <i>Yeast</i> , 1996, 12, 1635-1646.	0.8	108

#	ARTICLE	IF	CITATIONS
455	Zebrafish cyclin E regulation during early embryogenesis. <i>Developmental Dynamics</i> , 1996, 206, 1-11.	0.8	21
456	Plant cyclins: a unified nomenclature for plant A-, B- and D-type cyclins based on sequence organization. <i>Plant Molecular Biology</i> , 1996, 32, 1003-1018.	2.0	232
457	G2-and early-M-specific expression of the NTCYC1 cyclin gene in <i>Nicotiana tabacum</i> cells. <i>Plant Molecular Biology</i> , 1996, 32, 1093-1101.	2.0	32
458	Isolation of a new mitotic-like cyclin from <i>Arabidopsis</i> : complementation of a yeast cyclin mutant with a plant cyclin. <i>Plant Molecular Biology</i> , 1996, 30, 565-575.	2.0	32
459	A New Transgenic Mouse Model for the Study of Cell Cycle Control in Megakaryocytes. <i>Stem Cells</i> , 1996, 14, 181-187.	1.4	8
460	Repetitive Micronuclear Divisions in the Absence of the Macronucleus During Conjugation of <i>Paramecium caudatum</i> . <i>Journal of Eukaryotic Microbiology</i> , 1996, 43, 43-48.	0.8	7
461	Immunology and Developmental Biology of the Chicken. <i>Current Topics in Microbiology and Immunology</i> , 1996, , .	0.7	12
462	Regulation of maturation-promoting factor by protein kinase C in <i>Chaetopterus</i> oocytes. <i>Invertebrate Reproduction and Development</i> , 1996, 30, 71-79.	0.3	12
463	Regulation of Cell Division in <i>Arabidopsis</i> . <i>Critical Reviews in Plant Sciences</i> , 1996, 15, 97-112.	2.7	29
464	Mutagenic analysis of the destruction signal of mitotic cyclins and structural characterization of ubiquitinated intermediates.. <i>Molecular Biology of the Cell</i> , 1996, 7, 1343-1357.	0.9	271
465	Relationship between the expression of cyclins/cyclin-dependent kinases and sex-steroid receptors/Ki67 in normal human endometrial glands and stroma during the menstrual cycle. <i>Molecular Human Reproduction</i> , 1996, 2, 745-752.	1.3	78
466	A Century of Sea Urchin Development. <i>American Zoologist</i> , 1997, 37, 250-259.	0.7	54
467	p21 <sup>CIP1</sup> and Cdc25A: Competition between an Inhibitor and an Activator of Cyclin-Dependent Kinases. <i>Molecular and Cellular Biology</i> , 1997, 17, 4338-4345.	1.1	96
469	A Dual-Specificity Phosphatase Cdc25B Is an Unstable Protein and Triggers p34cdc2/Cyclin B Activation in Hamster BHK21 Cells Arrested with Hydroxyurea. <i>Journal of Cell Biology</i> , 1997, 138, 1105-1116.	2.3	89
470	Caffeine overrides the S-phase cell cycle block in sea urchin embryos. <i>Zygote</i> , 1997, 5, 127-138.	0.5	14
471	CDK1 Inactivation Regulates Anaphase Spindle Dynamics and Cytokinesis In Vivo. <i>Journal of Cell Biology</i> , 1997, 138, 385-393.	2.3	171
472	Dynamics of Maturation-Promoting Factor and its Constituent Proteins during in Vitro Maturation of Bovine Oocytes1. <i>Biology of Reproduction</i> , 1997, 56, 253-259.	1.2	112
473	A Family of Cyclin-Like Proteins That Interact with the Pho85 Cyclin-Dependent Kinase. <i>Molecular and Cellular Biology</i> , 1997, 17, 1212-1223.	1.1	186

#	ARTICLE	IF	CITATIONS
474	Detection of In Vivo Proteasome Activity in a Starfish Oocyte Using Membrane-Impermeant Substrate. <i>Journal of Biochemistry</i> , 1997, 122, 286-293.	0.9	10
476	Overexpression of cyclin D1 correlates with early recurrence in superficial bladder cancers. <i>British Journal of Cancer</i> , 1997, 75, 1788-1792.	2.9	68
477	Preparation of clam oocyte extracts for cell cycle studies. <i>Methods in Enzymology</i> , 1997, 283, 614-622.	0.4	4
478	Cell cycle regulation of S phase entry in <i>Saccharomyces cerevisiae</i> . , 1997, 3, 143-156.		7
479	CDC20 and CDH1: A Family of Substrate-Specific Activators of APC-Dependent Proteolysis. <i>Science</i> , 1997, 278, 460-463.	6.0	796
480	Microtubule Dependence of Chromosome Cycles in <i>Xenopus laevis</i> Blastomeres under the Influence of a DNA Synthesis Inhibitor, Aphidicolin. <i>Developmental Biology</i> , 1997, 185, 1-13.	0.9	64
481	Regulation of CDK/cyclin complexes during the cell cycle. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 559-573.	1.2	176
482	Estrogenic regulation of a novel 34 kDa protein associated with cyclin B1 in MCF-7 breast cancer cells. <i>Oncology Reports</i> , 1997, 4, 15-21.	1.2	3
483	Dominant-negative cyclin-selective ubiquitin carrier protein E2-C/UbcH10 blocks cells in metaphase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 2362-2367.	3.3	203
484	Cell cycle regulatory proteins— an overview with relevance to oral cancer. <i>Oral Oncology</i> , 1997, 33, 61-73.	0.8	35
485	The cyclin box fold: protein recognition in cell-cycle and transcription control. <i>Trends in Biochemical Sciences</i> , 1997, 22, 482-487.	3.7	105
486	Stability of cyclin B protein during meiotic maturation and the first mitotic cell division in mouse oocytes. <i>Biology of the Cell</i> , 1997, 89, 211-219.	0.7	54
487	Regulated expression of cyclin-1 during differentiation of <i>Trypanosoma brucei</i> from bloodstream form to procyclic form. <i>Molecular and Biochemical Parasitology</i> , 1997, 84, 255-258.	0.5	9
488	Differential expression of g1, cyclins during human placentogenesis. <i>Placenta</i> , 1997, 18, 9-16.	0.7	29
489	The G2/M DNA damage checkpoint inhibits mitosis through Tyr15 phosphorylation of p34cdc2 in <i>Aspergillus nidulans</i> . <i>EMBO Journal</i> , 1997, 16, 182-192.	3.5	61
490	Regulation of B-type cyclin proteolysis by Cdc28-associated kinases in budding yeast. <i>EMBO Journal</i> , 1997, 16, 2693-2702.	3.5	82
491	Estrogen-induced cyclin D1 and D3 gene expressions during mouse uterine cell proliferation in vivo: Differential induction mechanism of cyclin D1 and D3. <i>Molecular Reproduction and Development</i> , 1997, 46, 450-458.	1.0	51
492	On cyclins, oocytes, and eggs. <i>Molecular Reproduction and Development</i> , 1997, 48, 397-411.	1.0	87

#	ARTICLE	IF	CITATIONS
493	Relevance of histone H1 kinase activity to the G2/M transition during the cell cycle of <i>Dictyostelium discoideum</i> . <i>Journal of Plant Research</i> , 1997, 110, 81-85.	1.2	3
494	Regulation of cyclin A mRNA in leech embryonic stem cells. <i>Development Genes and Evolution</i> , 1997, 206, 407-415.	0.4	3
495	Mitotic cyclin distribution during maize cell division: Implications for the sequence diversity and function of cyclins in plants. <i>Protoplasma</i> , 1997, 200, 128-145.	1.0	66
496	Developmental control of cell division in leech embryos. <i>BioEssays</i> , 1997, 19, 201-207.	1.2	5
497	MONOCLONAL ANTIBODY RAISED AGAINST HUMAN MITOTIC CYCLIN B1 IDENTIFIES CYCLIN B-LIKE MITOTIC PROTEINS IN SYNCHRONIZED ONION ( <i>ALLIUM CEPAL.</i> ) ROOT MERISTEM. <i>Cell Biology International</i> , 1997, 21, 159-166.	1.4	4
498	Isolation and characterization of a functional A-type cyclin from maize. , 1998, 37, 121-129.		21
499	Cyclin D1 in Breast Cancer. <i>Breast Cancer Research and Treatment</i> , 1998, 52, 1-15.	1.1	228
500	Inverse Association Between Cyclin D1 Overexpression and Retinoblastoma Gene Mutation in Thyroid Carcinomas. <i>Endocrine</i> , 1998, 8, 61-64.	2.2	38
501	THE UBIQUITIN SYSTEM. <i>Annual Review of Biochemistry</i> , 1998, 67, 425-479.	5.0	7,702
502	Understanding the cell cycle. <i>Nature Medicine</i> , 1998, 4, 1103-1106.	15.2	139
503	Dependence of timing of mitotic events on the rate of protein synthesis and DNA replication in sea urchin early cleavages. <i>Cell Proliferation</i> , 1998, 31, 203-215.	2.4	7
504	The cyclin family of budding yeast: abundant use of a good idea. <i>Trends in Genetics</i> , 1998, 14, 66-72.	2.9	138
505	The regulation of Cdc20 proteolysis reveals a role for the APC components Cdc23 and Cdc27 during S phase and early mitosis. <i>Current Biology</i> , 1998, 8, 750-760.	1.8	211
506	Cytoplasmic control of nuclear behavior during meiotic maturation of frog oocytes*. <i>Biology of the Cell</i> , 1998, 90, 461-466.	0.7	4
507	Maturation promoting factor activation in early amphibian embryos: Temporal and spatial control. <i>Biology of the Cell</i> , 1998, 90, 467-476.	0.7	5
508	Die Beurteilung der Eizellreifung und frÃ¼hen Embryonalentwicklung bei der assistierten Reproduktion. <i>Reproduktionsmedizin</i> , 1998, 14, 131-142.	0.1	2
509	Cell cycle regulatory genes from maize are differentially controlled during fertilization and first embryonic cell division. <i>Sexual Plant Reproduction</i> , 1998, 11, 41-48.	2.2	56
510	The plant cell cycle in context. <i>Molecular Biotechnology</i> , 1998, 10, 123-153.	1.3	26

#	ARTICLE	IF	CITATIONS
511	Some cellular and molecular properties of abscisic acid: its particular involvement in growing plant roots. <i>Cellular and Molecular Life Sciences</i> , 1998, 54, 851-865.	2.4	9
514	Maturation in vitro of immature human oocytes for clinical use. <i>Human Reproduction Update</i> , 1998, 4, 103-120.	5.2	336
515	Meiotic maturation in mollusc oocytes. <i>Seminars in Cell and Developmental Biology</i> , 1998, 9, 539-548.	2.3	48
516	Expression of a Novel Isoform of Cyclin I in Human Testis. <i>Biochemical and Biophysical Research Communications</i> , 1998, 249, 56-60.	1.0	12
517	In Vivo Regulation of Cyclin A/Cdc2 and Cyclin B/Cdc2 through Meiotic and Early Cleavage Cycles in Starfish. <i>Developmental Biology</i> , 1998, 197, 39-53.	0.9	56
518	Cell Cycle Analysis and Synchronization of the <i>Xenopus</i> Cell Line XL2. <i>Experimental Cell Research</i> , 1998, 242, 60-68.	1.2	35
519	Imaging of Echinoderm Fertilization. <i>Molecular Biology of the Cell</i> , 1998, 9, 1609-1612.	0.9	5
520	Cell Cycle-Dependent Proteolysis in Plants: Identification of the Destruction Box Pathway and Metaphase Arrest Produced by the Proteasome Inhibitor MG132. <i>Plant Cell</i> , 1998, 10, 2063-2075.	3.1	199
521	Regulation of the Anaphase-promoting Complex/Cyclosome by <i>bimA</i> and <i>APC3</i> and Proteolysis of NIMA. <i>Molecular Biology of the Cell</i> , 1998, 9, 3019-3030.	0.9	38
522	The molecular mechanisms of oocyte maturation and early embryonic development are unveiling new insights into reproductive medicine. <i>Molecular Human Reproduction</i> , 1998, 4, 745-756.	1.3	101
523	Human and Yeast Cdk-activating Kinases (CAKs) Display Distinct Substrate Specificities. <i>Molecular Biology of the Cell</i> , 1998, 9, 2545-2560.	0.9	102
524	Demystified ... cell cycle. <i>Journal of Clinical Pathology</i> , 1998, 51, 310-316.	2.1	35
525	Human Cyclin K, a Novel RNA Polymerase II-Associated Cyclin Possessing Both Carboxy-Terminal Domain Kinase and Cdk-Activating Kinase Activity. <i>Molecular and Cellular Biology</i> , 1998, 18, 4291-4300.	1.1	95
526	A Critical Role for Cyclin C in Promotion of the Hematopoietic Cell Cycle by Cooperation with c-Myc. <i>Molecular and Cellular Biology</i> , 1998, 18, 3445-3454.	1.1	41
527	Regulation of Cdc28 Cyclin-Dependent Protein Kinase Activity during the Cell Cycle of the Yeast <i>Saccharomyces cerevisiae</i> . <i>Microbiology and Molecular Biology Reviews</i> , 1998, 62, 1191-1243.	2.9	374
528	FLOW CYTOMETRIC AND FLUORESCENCE MICROSCOPIC ANALYSIS OF ETHANOL-INDUCED G2+M BLOCK: ETHANOL DOSE-DEPENDENTLY DELAYS THE PROGRESSION OF THE M PHASE. <i>Alcohol and Alcoholism</i> , 1999, 34, 300-310.	0.9	2
529	Inactivation of p42 Mitogen-activated Protein Kinase Is Required for Exit from M-phase after Cyclin Destruction. <i>Journal of Biological Chemistry</i> , 1999, 274, 32085-32090.	1.6	21
531	Checkpoint Defects Leading to Premature Mitosis Also Cause Endoreplication of DNA in <i>Aspergillus nidulans</i> . <i>Molecular Biology of the Cell</i> , 1999, 10, 3661-3674.	0.9	53

#	ARTICLE	IF	CITATIONS
532	Specific checkpoints regulate plant cell cycle progression in response to oxidative stress. <i>Plant Journal</i> , 1999, 17, 647-656.	2.8	217
533	Spatio-temporal analysis of mitotic activity with a labile cyclin-GUS fusion protein. <i>Plant Journal</i> , 1999, 20, 503-508.	2.8	627
534	Two Distinct Classes of Mitotic Cyclin Homologues, Cyc1 and Cyc2, Are Involved In Cell Cycle Regulation In the Ciliate Paramecium Tetraurelia.. <i>Journal of Eukaryotic Microbiology</i> , 1999, 46, 585-596.	0.8	14
535	Selective usage of D-type cyclins in lymphoid malignancies. <i>Leukemia</i> , 1999, 13, 1335-1342.	3.3	47
536	Viral encoded cyclins. <i>Seminars in Cancer Biology</i> , 1999, 9, 221-229.	4.3	20
537	The cdk-activating kinase (CAK): from yeast to mammals. <i>Cellular and Molecular Life Sciences</i> , 1999, 55, 284-296.	2.4	200
538	Determination of the prognostic significance of cyclin B1 overexpression in patients with esophageal squamous cell carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1999, 434, 153-158.	1.4	79
539	Intracellular proteolysis. <i>Trends in Genetics</i> , 1999, 15, M42-M45.	2.9	1
540	Intracellular proteolysis. <i>Trends in Cell Biology</i> , 1999, 9, M42-M45.	3.6	55
541	Separating sister chromatids. <i>Trends in Biochemical Sciences</i> , 1999, 24, 98-104.	3.7	124
542	Intracellular proteolysis. <i>Trends in Biochemical Sciences</i> , 1999, 24, M42-M45.	3.7	6
543	Shoot Morphogenesis: Structure, Physiology, Biochemistry and Molecular Biology. , 1999, , 171-214.		8
544	Control of the cell cycle and apoptosis. <i>European Journal of Cancer</i> , 1999, 35, 531-539.	1.3	224
545	Control of the cell cycle and apoptosis. <i>European Journal of Cancer</i> , 1999, 35, 1886-1894.	1.3	215
546	Association of cyclin D1 expression with factors correlated with tumor progression in human hepatocellular carcinoma. <i>Journal of Gastroenterology</i> , 1999, 34, 486-493.	2.3	37
547	Cloning and expression analysis of aPetunia hybridaflower specific mitotic-like cyclin. <i>FEBS Letters</i> , 1999, 462, 211-215.	1.3	14
548	Introduction to Programmed proteolysis and the control of cell division. A Discussion Meeting held at the Royal Society on 4 and 5 November 1998. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1499-1500.	1.8	0
549	Two distinct ubiquitin-proteolysis pathways in the fission yeast cell cycle. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1551-1557.	1.8	16



#	ARTICLE	IF	CITATIONS
550	Mechanisms and regulation of the degradation of cyclin B. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1571-1576.	1.8	87
551	Subunits and Substrates of the Anaphase-Promoting Complex. <i>Experimental Cell Research</i> , 1999, 248, 339-349.	1.2	117
552	Activity and Substrate Specificity of the Murine STK2 Serine/Threonine Kinase That Is Structurally Related to the Mitotic Regulator Protein NIMA of <i>Aspergillus nidulans</i> . <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 449-456.	1.0	9
553	Regulation of Meiosis during Mammalian Spermatogenesis: The A-Type Cyclins and Their Associated Cyclin-Dependent Kinases Are Differentially Expressed in the Germ-Cell Lineage. <i>Developmental Biology</i> , 1999, 207, 408-418.	0.9	132
554	Dephosphorylation of cyclin-dependent kinases by type 2C protein phosphatases. <i>Genes and Development</i> , 1999, 13, 2946-2957.	2.7	146
555	2 Genes and Their Products in Sea Urchin Development. <i>Current Topics in Developmental Biology</i> , 1999, 45, 41-116.	1.0	8
556	The <i>Schizosaccharomyces pombe dim1</i> Gene Interacts with the Anaphase-Promoting Complex or Cyclosome (APC/C) Component <i>lid1</i> and Is Required for APC/C Function. <i>Molecular and Cellular Biology</i> , 1999, 19, 2535-2546.	1.1	45
557	Cyclin E2, a Novel G <sub>1</sub> Cyclin That Binds Cdk2 and Is Aberrantly Expressed in Human Cancers. <i>Molecular and Cellular Biology</i> , 1999, 19, 612-622.	1.1	163
558	The G <sub>2</sub> Checkpoint Is Maintained by Redundant Pathways. <i>Molecular and Cellular Biology</i> , 1999, 19, 5872-5881.	1.1	101
559	Degradation of pig cyclin B1 molecules precedes MAP kinase dephosphorylation during fertilisation of the oocytes. <i>Zygote</i> , 2000, 8, 153-158.	0.5	11
560	The Ki-67 protein: From the known and the unknown. <i>Journal of Cellular Physiology</i> , 2000, 182, 311-322.	2.0	3,848
561	p68, a DEAD-box RNA helicase, is expressed in chordate embryo neural and mesodermal tissues. <i>The Journal of Experimental Zoology</i> , 2000, 288, 193-204.	1.4	23
562	Expression of cyclin-dependent kinase inhibitors during corneal wound repair. <i>Progress in Retinal and Eye Research</i> , 2000, 19, 257-270.	7.3	46
563	CD34 + cells derived from fetal liver contained a high proportion of immature megakaryocytic progenitor cells. <i>European Journal of Haematology</i> , 2000, 64, 304-314.	1.1	11
564	Ca <sup>2+</sup> oscillations and the cell cycle at fertilisation of mammalian and ascidian eggs. <i>Biology of the Cell</i> , 2000, 92, 187-196.	0.7	45
565	Factors controlling cyclin B expression. , 2000, 43, 677-690.		82
566	Expression patterns of cellular growth-controlling genes in non-medullary thyroid cancer: basic aspects. , 2000, 1, 183-196.		29
567	Molecular Cloning and Antiserum Development of Cyclin Box in the Brown Tide Alga <i>Aureococcus anophagefferens</i> . <i>Marine Biotechnology</i> , 2000, 2, 577-586.	1.1	5



#	ARTICLE	IF	CITATIONS
568	Cyclin F regulates the nuclear localization of cyclin B1 through a cyclin-cyclin interaction. <i>EMBO Journal</i> , 2000, 19, 1378-1388.	3.5	101
569	Developmental expression of the <i>Arabidopsis thaliana</i> CycA2;1 gene. <i>Planta</i> , 2000, 211, 623-631.	1.6	70
570	Dbf4p, an Essential S Phase-Promoting Factor, Is Targeted for Degradation by the Anaphase-Promoting Complex. <i>Molecular and Cellular Biology</i> , 2000, 20, 242-248.	1.1	127
571	Cell cycle control as a basis for cancer drug development (Review).. <i>International Journal of Oncology</i> , 2000, 16, 871.	1.4	60
572	Roughex Mediates G 1 Arrest through a Physical Association with Cyclin A. <i>Molecular and Cellular Biology</i> , 2000, 20, 8220-8229.	1.1	35
573	Dephosphorylation of Human Cyclin-dependent Kinases by Protein Phosphatase Type 2C $\pm$ and $\hat{I}^2$ Isoforms. <i>Journal of Biological Chemistry</i> , 2000, 275, 34744-34749.	1.6	90
574	BUR1 and BUR2 Encode a Divergent Cyclin-Dependent Kinaseâ€“Cyclin Complex Important for Transcription In Vivo. <i>Molecular and Cellular Biology</i> , 2000, 20, 7080-7087.	1.1	65
575	Early Development of Mouse Embryos Null Mutant for the Cyclin A2 Gene Occurs in the Absence of Maternally Derived Cyclin A2 Gene Products. <i>Developmental Biology</i> , 2000, 223, 139-153.	0.9	49
576	A Detailed Analysis of Cyclin A Accumulation at the G1/S Border in Normal and Transformed Cells. <i>Experimental Cell Research</i> , 2000, 259, 86-95.	1.2	62
577	In vivo expression and genomic organization of the mouse cyclin I gene ( <i>Ccni</i> ). <i>Gene</i> , 2000, 256, 59-67.	1.0	17
578	The Spike of S Phase Cyclin Cig2 Expression at the G1â€“S Border in Fission Yeast Requires Both APC and SCF Ubiquitin Ligases. <i>Molecular Cell</i> , 2000, 6, 1377-1387.	4.5	40
579	A Long Twentieth Century of the Cell Cycle and Beyond. <i>Cell</i> , 2000, 100, 71-78.	13.5	519
580	A CDE/CHR tandem element regulates cell cycle-dependent repression of cyclin B2 transcription. <i>FEBS Letters</i> , 2000, 484, 77-81.	1.3	49
581	Title is missing!. <i>Plant and Soil</i> , 2000, 226, 1-10.	1.8	24
582	The Incredible Life and Times of Biological Cells. <i>Science</i> , 2000, 289, 1711-1716.	6.0	37
583	Meiotic Maturation of the Mouse Oocyte Requires an Equilibrium between Cyclin B Synthesis and Degradation. <i>Developmental Biology</i> , 2001, 232, 400-413.	0.9	167
584	Cyclin E and Its Associated cdk Activity Do Not Cycle during Early Embryogenesis of the Sea Urchin. <i>Developmental Biology</i> , 2001, 234, 425-440.	0.9	23
585	Regulation of cell cycle molecules by the Ras effector system. <i>Molecular and Cellular Endocrinology</i> , 2001, 177, 25-33.	1.6	40

#	ARTICLE	IF	CITATIONS
586	A Prize for Proliferation. <i>Cell</i> , 2001, 107, 689-701.	13.5	90
587	Checkpoint genes in cancer. <i>Annals of Medicine</i> , 2001, 33, 113-122.	1.5	57
588	Revised Sequence and Expression of Cyclin B cDNA from the Starfish <i>Asterina pectinifera</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1119-1126.	0.6	4
589	Maturing with age. <i>Nature Reviews Molecular Cell Biology</i> , 2001, , .	16.1	1
590	Developmental history of the mammalian oocyte: insight from mouse mutations. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, d1173.	3.0	3
591	Prix nobel de mÃ©decine 2001 : Leland H. Hartwell, R. Timothy Hunt, Paul M. Nurse. <i>Medecine/Sciences</i> , 2001, 17, 1226-1229.	0.0	2
592	Regulation of early embryo development: functional redundancy between cyclin subtypes. <i>Reproduction, Fertility and Development</i> , 2001, 13, 59.	0.1	15
594	Centenary Nobel Prize in Physiology or Medicine for the cell cycle. <i>Journal of Molecular Medicine</i> , 2001, 79, 683-685.	1.7	1
595	Cyclin/cdk complexes: Their involvement in cell cycle progression and mitotic division. <i>Protoplasma</i> , 2001, 216, 119-142.	1.0	88
596	The ubiquitin-proteasome pathway and proteasome inhibitors. <i>Medicinal Research Reviews</i> , 2001, 21, 245-273.	5.0	406
597	Human cyclin C protein is stabilized by its associated kinase cdk8, independently of its catalytic activity. <i>Oncogene</i> , 2001, 20, 551-562.	2.6	38
598	Checking out the G2/M transition. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2001, 1519, 1-12.	2.4	293
599	Downregulation of p34cdc2 expression with aqueous fraction from for a possible molecular mechanism of anti-tumor and other pharmacological effects. <i>Phytomedicine</i> , 2001, 8, 492-494.	2.3	12
600	From oocyte maturation to the in vitro cell cycle: the history of discoveries of Maturation-Promoting Factor (MPF) and Cytostatic Factor (CSF). <i>Differentiation</i> , 2001, 69, 1-17.	1.0	158
601	Inactivation of M-Phase Promoting Factor at Exit from First Embryonic Mitosis in the Rat Is Independent of Cyclin B1 Degradation1. <i>Biology of Reproduction</i> , 2001, 64, 871-878.	1.2	51
602	Two Mammalian Mitotic Aurora Kinases: Who's Who?. <i>Science Signaling</i> , 2001, 2001, pe1-pe1.	1.6	7
603	Accumulation of Cyclin E Is Not a Prerequisite for Passage through the Restriction Point. <i>Molecular and Cellular Biology</i> , 2001, 21, 3256-3265.	1.1	97
604	Differential Regulation of Cdc2 and Cdk2 by RINGO and Cyclins. <i>Journal of Biological Chemistry</i> , 2001, 276, 36028-36034.	1.6	77

#	ARTICLE	IF	CITATIONS
605	The anaphase-promoting complex: it's not just for mitosis any more. <i>Genes and Development</i> , 2002, 16, 2179-2206.	2.7	435
606	Proteolytic Cleavage of Cyclin E Leads to Inactivation of Associated Kinase Activity and Amplification of Apoptosis in Hematopoietic Cells. <i>Molecular and Cellular Biology</i> , 2002, 22, 2398-2409.	1.1	66
607	Molecular Aspects of the Mammalian Cell Cycle and Cancer. <i>Oncologist</i> , 2002, 7, 73-81.	1.9	111
608	A BRIEF HISTORY OF CANCER CHEMOTHERAPY. , 2002, , 1-11.		7
609	Cell Wall, Cell Division, and Cell Growth. , 2002, , 23-74.		6
610	Human securin proteolysis is controlled by the spindle checkpoint and reveals when the APC/C switches from activation by Cdc20 to Cdh1. <i>Journal of Cell Biology</i> , 2002, 157, 1125-1137.	2.3	284
611	Genes Involved in the Initiation of DNA Replication in Yeast. <i>International Review of Cytology</i> , 2002, 212, 133-207.	6.2	1
612	Heterologous Expression and Catalytic Properties of the C-Terminal Domain of Starfish Cdc25 Dual-Specificity Phosphatase, a Cell Cycle Regulator. <i>Journal of Biochemistry</i> , 2002, 131, 705-712.	0.9	5
613	Coordinated Regulation of M Phase Exit and S Phase Entry by the Cdc2 Activity Level in the Early Embryonic Cell Cycle. <i>Developmental Biology</i> , 2002, 243, 34-43.	0.9	17
614	Homolog interaction during meiotic prophase I in Arabidopsis requires the SOLO DANCERS gene encoding a novel cyclin-like protein. <i>EMBO Journal</i> , 2002, 21, 3081-3095.	3.5	148
615	Translational Control of the Embryonic Cell Cycle. <i>Cell</i> , 2002, 109, 473-483.	13.5	177
616	Cyclin destruction in mitosis: a crucial task of Cdc20. <i>FEBS Letters</i> , 2002, 532, 7-11.	1.3	48
617	The Anaphase-Promoting Complex. <i>Molecular Cell</i> , 2002, 9, 931-943.	4.5	834
618	Linking cyclins to transcriptional control. <i>Gene</i> , 2002, 299, 35-55.	1.0	395
619	Polymorphisms in cyclin D1 gene and hepatocellular carcinoma. <i>Molecular Carcinogenesis</i> , 2002, 33, 125-129.	1.3	44
620	Cyclin A in cell cycle control and cancer. <i>Cellular and Molecular Life Sciences</i> , 2002, 59, 1317-1326.	2.4	415
621	Antiproliferative action of valproate is associated with aberrant expression and nuclear translocation of cyclin D3 during the C6 glioma G1 phase. <i>Journal of Neurochemistry</i> , 2002, 83, 12-19.	2.1	41
622	A history of research on yeasts 4: cytology part II, 1950-1990. <i>Yeast</i> , 2002, 19, 745-772.	0.8	20

#	ARTICLE	IF	CITATIONS
623	A novel ubiquitin carboxyl terminal hydrolase is involved in toad oocyte maturation. <i>Cell Research</i> , 2002, 12, 199-206.	5.7	12
624	Oscillation sensation. <i>Nature</i> , 2002, 418, 495-496.	13.7	23
625	JMM " Past and Present. <i>Journal of Molecular Medicine</i> , 2002, 80, 545-548.	1.7	18
627	NOBEL LECTURE: Protein Synthesis, Proteolysis, and Cell Cycle Transitions. <i>Bioscience Reports</i> , 2002, 22, 465-486.	1.1	40
628	Parthenogenetic activation and subsequent development of rat oocytes in vitro. <i>Molecular Reproduction and Development</i> , 2002, 61, 120-125.	1.0	24
629	Cyclin A2 is phosphorylated during the G2/M transition in mouse two-cell embryos. <i>Molecular Reproduction and Development</i> , 2003, 66, 343-348.	1.0	2
630	Cell cycle events during the development of the silk glands in the mulberry silkworm <i>Bombyx mori</i> . <i>Development Genes and Evolution</i> , 2003, 213, 435-444.	0.4	43
631	CyclinB1 expression is elevated and mitosis is delayed in HeLa cells expressing autonomous CaMKII. <i>Cellular Signalling</i> , 2003, 15, 1049-1057.	1.7	15
632	Historical review: An energy reservoir for mitosis, and its productive wake. <i>Trends in Biochemical Sciences</i> , 2003, 28, 125-129.	3.7	20
633	Abnormal expression pattern of cyclin E in tumour cells. <i>International Journal of Cancer</i> , 2003, 104, 369-375.	2.3	20
634	G2/M transition of pig oocytes: How do oocytes initiate maturation?. <i>Reproductive Medicine and Biology</i> , 2003, 2, 91-99.	1.0	6
635	The cell cycle: a review of regulation, deregulation and therapeutic targets in cancer. <i>Cell Proliferation</i> , 2003, 36, 131-149.	2.4	1,348
636	Permanent Expression of a Cyclin B Homologue in the Cell Cycle of the Dinoflagellate <i>Karenia brevis</i> . <i>Journal of Eukaryotic Microbiology</i> , 2003, 50, 123-131.	0.8	25
637	Building a cell cycle oscillator: hysteresis and bistability in the activation of Cdc2. <i>Nature Cell Biology</i> , 2003, 5, 346-351.	4.6	676
638	Ratchets and clocks: the cell cycle, ubiquitylation and protein turnover. <i>Nature Reviews Molecular Cell Biology</i> , 2003, 4, 855-864.	16.1	271
639	Cell cycle regulation: repair and regeneration in acute renal failure. <i>Seminars in Nephrology</i> , 2003, 23, 449-459.	0.6	30
640	Under arrest: cytosstatic factor (CSF)-mediated metaphase arrest in vertebrate eggs. <i>Genes and Development</i> , 2003, 17, 683-710.	2.7	222
641	Localization of HSP70, Cdc2, and cyclin B in sea urchin oocytes in non-stressed conditions. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 748-753.	1.0	13

#	ARTICLE	IF	CITATIONS
642	THEPLANTCELLCYCLE. Annual Review of Plant Biology, 2003, 54, 235-264.	8.6	430
643	M-phase regulation of the recruitment of mRNAs onto polysomes using the CDK1/cyclin B inhibitor aminopurvalanol. Biochemical and Biophysical Research Communications, 2003, 306, 880-886.	1.0	6
644	EIF4E/4E-BP dissociation and 4E-BP degradation in the first mitotic division of the sea urchin embryo. Developmental Biology, 2003, 255, 428-439.	0.9	50
645	Cyclin B synthesis is required for sea urchin oocyte maturation. Developmental Biology, 2003, 256, 258-275.	0.9	43
646	Three CCAAT-boxes and a single cell cycle genes homology region (CHR) are the major regulating sites for transcription from the human cyclin B2 promoter. Gene, 2003, 312, 225-237.	1.0	53
647	Two Redundant Oscillatory Mechanisms in the Yeast Cell Cycle. Developmental Cell, 2003, 4, 741-752.	3.1	92
648	The role of cell cycle proteins in Glomerular disease. Seminars in Nephrology, 2003, 23, 569-582.	0.6	26
649	E- and A-type cyclins as markers for cancer diagnosis and prognosis. Expert Review of Molecular Diagnostics, 2003, 3, 617-633.	1.5	66
650	Invited Review: Effect of oxygen deprivation on cell cycle activity: a profile of delay and arrest. Journal of Applied Physiology, 2003, 94, 2068-2083.	1.2	52
651	The maternal-effect gene futile cycle is essential for pronuclear congression and mitotic spindle assembly in the zebrafish zygote. Development (Cambridge), 2003, 130, 3907-3916.	1.2	99
652	Hysteresis drives cell-cycle transitions in Xenopus laevis egg extracts. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 975-980.	3.3	506
653	Genetic and Biochemical Evaluation of the Importance of Cdc6 in Regulating Mitotic Exit. Molecular Biology of the Cell, 2003, 14, 4592-4604.	0.9	47
654	Antiproliferative action of neomycin is associated with inhibition of cyclin D1 activation in glioma cells. Neurological Research, 2003, 25, 691-693.	0.6	9
655	Cell-cycle responses to DNA damage in G2. International Review of Cytology, 2003, 222, 99-140.	6.2	87
656	Polyamine dependence of normal cell-cycle progression. Biochemical Society Transactions, 2003, 31, 366-370.	1.6	129
657	Molecular and Immunological Aspects of Cell Proliferation. , 0, , 105-135.		1
660	Role of Matrix and Cell Adhesion Molecules in Lens Differentiation. , 2004, , 245-260.		5
661	Lens Crystallins. , 2004, , 119-150.		10

#	ARTICLE	IF	CITATIONS
663	The Lens: Historical and Comparative Perspectives. , 2004, , 3-26.		4
664	Lens Induction and Determination. , 2004, , 27-47.		7
665	Lens Cell Membranes. , 2004, , 151-172.		2
666	Lens Cell Proliferation: The Cell Cycle. , 2004, , 191-213.		5
667	Lens Fiber Differentiation. , 2004, , 214-244.		7
668	Growth Factors in Lens Development. , 2004, , 261-289.		10
669	Lens Regeneration. , 2004, , 290-312.		3
670	The Structure of the Vertebrate Lens. , 2004, , 71-118.		14
671	Lens Cell Cytoskeleton. , 2004, , 173-188.		4
672	Transcription Factors in Early Lens Development. , 2004, , 48-68.		4
673	Cell Cycle Molecules and Mechanisms of the Budding and Fission Yeasts. , 2005, 296, 003-030.		17
675	Genome-Wide Analysis of the Cyclin Family in Arabidopsis and Comparative Phylogenetic Analysis of Plant Cyclin-Like Proteins. <i>Plant Physiology</i> , 2004, 135, 1084-1099.	2.3	252
676	The dynamics of cyclin B1 distribution during meiosis I in mouse oocytes. <i>Reproduction</i> , 2004, 128, 153-162.	1.1	63
677	Cyclin F Disruption Compromises Placental Development and Affects Normal Cell Cycle Execution. <i>Molecular and Cellular Biology</i> , 2004, 24, 2487-2498.	1.1	74
678	Formulated Glyphosate Activates the DNA-Response Checkpoint of the Cell Cycle Leading to the Prevention of G2/M Transition. <i>Toxicological Sciences</i> , 2004, 82, 436-442.	1.4	42
679	Variability and heritability of cell division pathways in <i>Toxoplasma gondii</i> . <i>Journal of Cell Science</i> , 2004, 117, 5697-5705.	1.2	32
680	Identification of Interaction Partners and Substrates of the Cyclin A1-CDK2 Complex. <i>Journal of Biological Chemistry</i> , 2004, 279, 33727-33741.	1.6	59
681	Anaphase-Promoting Complex in <i>Caenorhabditis elegans</i> . <i>Molecular and Cellular Biology</i> , 2004, 24, 2215-2225.	1.1	13

#	ARTICLE	IF	CITATIONS
682	Establishment and some characteristics of epoxomicin (a proteasome inhibitor) resistant variants of the human squamous cell carcinoma cell line, A431. <i>International Journal of Oncology</i> , 2004, 24, 425.	1.4	1
683	Sea Urchin Gametes in the Teaching Laboratory: Good Experiments and Good Experiences. <i>Methods in Cell Biology</i> , 2004, 74, 797-823.	0.5	9
684	Cycling without the Cyclosome: Modeling a Yeast Strain Lacking the APC. <i>Cell Cycle</i> , 2004, 3, 627-631.	1.3	21
685	Cell cycle regulation: Repair and regeneration in acute renal failure. <i>Kidney International</i> , 2004, 66, 509-514.	2.6	41
686	Is whole-culture synchronization biology's 'perpetual-motion machine'?. <i>Trends in Biotechnology</i> , 2004, 22, 266-269.	4.9	34
687	Reply: whole-culture synchronization ? effective tools for cell cycle studies. <i>Trends in Biotechnology</i> , 2004, 22, 270-273.	4.9	22
688	Signal transduction pathways leading to cell cycle arrest and apoptosis induction in cancer cells by Allium vegetable-derived organosulfur compounds: a review. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 555, 121-131.	0.4	144
689	Roscovitine, olomoucine, purvalanol: inducers of apoptosis in maturing cerebellar granule neurons. <i>Biochemical Pharmacology</i> , 2004, 67, 1947-1964.	2.0	31
691	Analysis of the Cell Cycle and a Method Employing Synchronized Cells for Study of Protein Expression at Various Stages of the Cell Cycle. <i>Biochemistry (Moscow)</i> , 2004, 69, 485-496.	0.7	27
692	Molecular Analysis of In Vitro Shoot Organogenesis. <i>Critical Reviews in Plant Sciences</i> , 2004, 23, 325-335.	2.7	27
693	Steroid Receptors and Cell Cycle in Normal Mammary Epithelium. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2004, 9, 3-13.	1.0	129
694	Analyzing the G2/M Checkpoint. , 2004, 280, 051-082.		121
695	Cell Cycle Checkpoint Control Mechanisms That Can Be Disrupted in Cancer. , 2004, 280, 099-162.		45
699	Essay. <i>Cell</i> , 2004, 119, 741-745.	13.5	21
700	Cyclin E. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1424-1439.	1.2	191
701	Temperature may influence and regulate NF-YB expression in toad oocyte. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 802-811.	1.0	2
702	Signal transduction pathways that contribute to CDK1/cyclin B activation during the first mitotic division in sea urchin embryos. <i>Experimental Cell Research</i> , 2004, 296, 347-357.	1.2	24
703	Ubiquitin as a central cellular regulator. <i>Cell</i> , 2004, 116, S29-S34.	13.5	113

#	ARTICLE	IF	CITATIONS
704	Recycling the Cell Cycle. <i>Cell</i> , 2004, 116, 221-234.	13.5	968
705	Cell cycle regulators at the ocular surface. <i>Experimental Eye Research</i> , 2004, 78, 447-456.	1.2	28
706	In-vitro maturation of human oocytes. <i>Reproductive BioMedicine Online</i> , 2004, 8, 148-166.	1.1	170
707	The Cell Cycle: Accelerators, Brakes, and Checkpoints. <i>Neurosurgery</i> , 2004, 54, 692-700.	0.6	33
708	Cell Cycle Regulatory Cascades. , 2004, , 93-128.		4
711	New antiproliferative benzoindolothiazepines derivatives. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 167-172.	2.6	12
712	Auxin and the developing root of <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2005, 123, 130-138.	2.6	55
713	Global analysis of the core cell cycle regulators of <i>Arabidopsis</i> identifies novel genes, reveals multiple and highly specific profiles of expression and provides a coherent model for plant cell cycle control. <i>Plant Journal</i> , 2005, 41, 546-566.	2.8	430
714	The ubiquitin system for protein degradation and some of its roles in the control of the cell division cycle. <i>Cell Death and Differentiation</i> , 2005, 12, 1191-1197.	5.0	291
715	Anaphase-promoting complex-dependent proteolysis of cell cycle regulators and genomic instability of cancer cells. <i>Oncogene</i> , 2005, 24, 1-10.	2.6	119
716	Mammalian cyclin-dependent kinases. <i>Trends in Biochemical Sciences</i> , 2005, 30, 630-641.	3.7	1,069
717	Inhibition of cysteine protease activity disturbs DNA replication and prevents mitosis in the early mitotic cell cycles of sea urchin embryos. <i>Journal of Cellular Physiology</i> , 2005, 204, 693-703.	2.0	21
718	The Ubiquitin System for Protein Degradation and Some of Its Roles in the Control of the Cell-Division Cycle (Nobel Lecture). <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5932-5943.	7.2	103
720	The cell cycle: a new entry in the field of Ca <sup>2+</sup> signaling. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 2405-2413.	2.4	54
721	Conservation and diversification of three-repeat Myb transcription factors in plants. <i>Journal of Plant Research</i> , 2005, 118, 61-69.	1.2	126
722	Role of protein kinases in neurodegenerative disease: cyclin-dependent kinases in Alzheimer's disease. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 143.	3.0	37
723	Activation of Akt (protein kinase B) stimulates metaphase I to metaphase II transition in bovine oocytes. <i>Reproduction</i> , 2005, 130, 423-430.	1.1	61
724	p27kip1 Functional Regulation in Human Cancer: A Potential Target for Therapeutic Designs. <i>Current Medicinal Chemistry</i> , 2005, 12, 1589-1605.	1.2	66



#	ARTICLE	IF	CITATIONS
725	Identification and Comparative Analysis of Multiple Mammalian Speedy/Ringo Proteins. <i>Cell Cycle</i> , 2005, 4, 155-165.	1.3	64
726	Cyclin D3 Promotes Adipogenesis through Activation of Peroxisome Proliferator-Activated Receptor $\delta^3$ . <i>Molecular and Cellular Biology</i> , 2005, 25, 9985-9995.	1.1	117
727	Perturbations in O-linked $\delta^2$ -N-Acetylglucosamine Protein Modification Cause Severe Defects in Mitotic Progression and Cytokinesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 32944-32956.	1.6	247
728	The Ste20-like Kinase SLK Is Required for Cell Cycle Progression through G2. <i>Journal of Biological Chemistry</i> , 2005, 280, 42383-42390.	1.6	45
729	Quantitative Characterization of a Mitotic Cyclin Threshold Regulating Exit from Mitosis. <i>Molecular Biology of the Cell</i> , 2005, 16, 2129-2138.	0.9	43
730	Cell cycle: proteomics gives it a spin. <i>Expert Review of Proteomics</i> , 2005, 2, 615-625.	1.3	6
731	Microdomains bounded by endoplasmic reticulum segregate cell cycle calcium transients in syncytial <i>Drosophila</i> embryos. <i>Journal of Cell Biology</i> , 2005, 171, 47-59.	2.3	44
732	The N-terminal Regulatory Domain of Cyclin A Contains Redundant Ubiquitination Targeting Sequences and Acceptor Sites. <i>Cell Cycle</i> , 2005, 4, 1411-1420.	1.3	37
733	Cytoskeleton and cell cycle control during meiotic maturation of the mouse oocyte: integrating time and space. <i>Reproduction</i> , 2005, 130, 801-811.	1.1	195
734	The competitive nature of cells. <i>Experimental Cell Research</i> , 2005, 306, 317-322.	1.2	36
735	D53 (TPD52L1) is a cell cycle-regulated protein maximally expressed at the G2-M transition in breast cancer cells. <i>Experimental Cell Research</i> , 2005, 310, 152-165.	1.2	38
736	Systems-Level Dissection of the Cell-Cycle Oscillator: Bypassing Positive Feedback Produces Damped Oscillations. <i>Cell</i> , 2005, 122, 565-578.	13.5	309
737	Extracellular Signals Responsible for Spatially Regulated Proliferation in the Differentiating <i>Drosophila</i> Eye. <i>Developmental Cell</i> , 2005, 8, 541-551.	3.1	133
738	Cdk1 and Cdk2 complexes (cyclin dependent kinases) in apoptosis: a role beyond the cell cycle. <i>Cancer Letters</i> , 2005, 217, 129-138.	3.2	124
739	A roller coaster ride with the mitotic cyclins. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 335-342.	2.3	179
740	G1 Phase: Components, Conundrums, Context. , 0, , 1-29.		14
741	The ubiquitin-proteasome pathway in cell cycle control. , 2006, 42, 147-181.		59
742	The cell cycle: A critical therapeutic target to prevent vascular proliferative disease. <i>Canadian Journal of Cardiology</i> , 2006, 22, 41B-55B.	0.8	29

#	ARTICLE	IF	CITATIONS
743	The Ubiquitin System for Protein Degradation and Some of Its Roles in the Control of the Cell-Division Cycle Nobel Lecture. Israel Journal of Chemistry, 2006, 46, 113-120.	1.0	2
744	Rapamycin Inhibits p34 <sup>cdc2</sup> Expression and Arrests T Lymphocyte Proliferation at the G1/S Transition. Annals of the New York Academy of Sciences, 1993, 696, 31-36.	1.8	38
745	The Origins of the Ubiquitin Field. Israel Journal of Chemistry, 2006, 46, 137-144.	1.0	0
746	Translational control genes in the sea urchin genome. Developmental Biology, 2006, 300, 293-307.	0.9	33
747	The genomic repertoire for cell cycle control and DNA metabolism in <i>S. purpuratus</i> . Developmental Biology, 2006, 300, 238-251.	0.9	48
748	The sea urchin's siren. Developmental Biology, 2006, 300, 9-14.	0.9	19
751	Human cyclin B3. mRNA expression during the cell cycle and identification of three novel nonclassical nuclear localization signals. FEBS Journal, 2006, 273, 1681-1695.	2.2	20
752	Ubiquitin ligases: cell-cycle control and cancer. Nature Reviews Cancer, 2006, 6, 369-381.	12.8	1,259
753	Parallel cyclin E and cyclin A expression in neoplastic lesions of the uterine cervix. British Journal of Cancer, 2006, 94, 1045-1050.	2.9	10
754	The reversibility of mitotic exit in vertebrate cells. Nature, 2006, 440, 954-958.	13.7	182
755	The early history of the ubiquitin field. Protein Science, 2006, 15, 647-654.	3.1	66
756	Control of the G <sub>2</sub> /M Transition. Molecular Biotechnology, 2006, 32, 227-248.	1.3	238
757	Genome-wide analysis of cyclin family in rice ( <i>Oryza Sativa</i> L.). Molecular Genetics and Genomics, 2006, 275, 374-386.	1.0	70
758	Hypoxia and DNA-damaging agent bleomycin both increase the cellular level of the protein 4E-BP. Journal of Cellular Biochemistry, 2006, 99, 126-132.	1.2	17
759	Lessons learned from art pardee in cell cycle, science, and life. Journal of Cellular Physiology, 2006, 209, 663-669.	2.0	0
760	Chimpanzee, Orangutan, Mouse, and Human Cell Cycle Promoters Exempt CCAAT Boxes and CHR Elements from Interspecies Differences. Molecular Biology and Evolution, 2006, 24, 814-826.	3.5	13
761	Cyclin B Dissociation from CDK1 Precedes its Degradation Upon MPF Inactivation in Mitotic Extracts of <i>Xenopus laevis</i> Embryos. Cell Cycle, 2006, 5, 1687-1698.	1.3	71
762	Cyclin I Protects Podocytes from Apoptosis. Journal of Biological Chemistry, 2006, 281, 28048-28057.	1.6	48

#	ARTICLE	IF	CITATIONS
763	Calcium at Fertilization and in Early Development. <i>Physiological Reviews</i> , 2006, 86, 25-88.	13.1	439
764	NF- $\kappa$ B-Dependent Cyclin B2 Expression in Colorectal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2007, 13, 858-867.	3.2	49
765	<i>Neisseria gonorrhoeae</i> infection causes a G1 arrest in human epithelial cells. <i>FASEB Journal</i> , 2007, 21, 345-355.	0.2	34
766	Selection of mammalian cells based on their cell-cycle phase using dielectrophoresis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20708-20712.	3.3	133
767	Targeting Cell Cycle Kinases for Cancer Therapy. <i>Current Medicinal Chemistry</i> , 2007, 14, 969-985.	1.2	124
768	Suppression of the <i>Schizosaccharomyces pombe</i> $\Delta$ cut12.1 Cell-Cycle Defect by Mutations in <i>cdc25</i> and Genes Involved in Transcriptional and Translational Control. <i>Genetics</i> , 2007, 176, 73-83.	1.2	19
769	The Crystal Structure of Human Cyclin B. <i>Cell Cycle</i> , 2007, 6, 1342-1349.	1.3	56
770	Substrate Specificity of Cyclins Determined by Electrostatics. <i>Cell Cycle</i> , 2007, 6, 2219-2226.	1.3	3
771	Research by Retrieving Experiments. <i>Cell Cycle</i> , 2007, 6, 1277-1283.	1.3	10
772	Absence of Reciprocal Feedback Between MPF and ERK2 MAP Kinase in Mitotic <i>Xenopus laevis</i> Embryo Cell-Free Extract. <i>Cell Cycle</i> , 2007, 6, 489-496.	1.3	7
773	Linkage of Curcumin-Induced Cell Cycle Arrest and Apoptosis by Cyclin-Dependent Kinase Inhibitor p21/WAF1/CIP1. <i>Cell Cycle</i> , 2007, 6, 2953-2961.	1.3	148
774	Mitosis persists in the absence of Cdk1 activity when proteolysis or protein phosphatase activity is suppressed. <i>Journal of Cell Biology</i> , 2007, 179, 671-685.	2.3	99
775	The Plant Cyclins. , 0, , 31-61.		12
776	Cell Cycle. , 0, , 103-120.		0
777	The anaphase-promoting complex is required in both dividing and quiescent cells during zebrafish development. <i>Developmental Biology</i> , 2007, 303, 144-156.	0.9	25
778	Expanded and fat regulate growth and differentiation in the <i>Drosophila</i> eye through multiple signaling pathways. <i>Developmental Biology</i> , 2007, 305, 187-201.	0.9	95
779	The Multiple Roles of cyclin E1 in Controlling Cell Cycle Progression and Cellular Morphology of <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 2007, 368, 939-950.	2.0	17
780	Breast Cancer Chemosensitivity. <i>Advances in Experimental Medicine and Biology</i> , 2007, , .	0.8	2

#	ARTICLE	IF	CITATIONS
781	Cyclin D1 in non-small cell lung cancer: A key driver of malignant transformation. <i>Lung Cancer</i> , 2007, 55, 1-14.	0.9	213
782	Cyclin B2/cyclin-dependent kinase1 dissociation precedes CDK1 Thr-161 dephosphorylation upon M-phase promoting factor inactivation in <i>Xenopus laevis</i> cell-free extract. <i>International Journal of Developmental Biology</i> , 2007, 51, 297-305.	0.3	19
786	A redox cycle within the cell cycle: ring in the old with the new. <i>Oncogene</i> , 2007, 26, 1101-1109.	2.6	267
787	The plant cell cycle ~ 15 years on. <i>New Phytologist</i> , 2007, 174, 261-278.	3.5	136
788	Antimitotic activity of methoxyconidiol, a meroterpene isolated from an ascidian. <i>Chemico-Biological Interactions</i> , 2007, 168, 106-116.	1.7	18
789	Polarized Cell Growth: Double Grip by CDK1. <i>Current Biology</i> , 2007, 17, R600-R603.	1.8	2
790	Mitotic regulation of the anaphase-promoting complex. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 589-600.	2.4	90
791	Speeding through cell cycle roadblocks: Nuclear cyclin D1-dependent kinase and neoplastic transformation. <i>Cell Division</i> , 2008, 3, 12.	1.1	16
792	Cyclin B synthesis and rapamycin-sensitive regulation of protein synthesis during starfish oocyte meiotic divisions. <i>Molecular Reproduction and Development</i> , 2008, 75, 1617-1626.	1.0	22
793	Collective behavior in gene regulation: Post-transcriptional regulation and the temporal compartmentalization of cellular cycles. <i>FEBS Journal</i> , 2008, 275, 2364-2371.	2.2	20
794	Is cell competition relevant to cancer?. <i>Nature Reviews Cancer</i> , 2008, 8, 141-147.	12.8	176
795	Design principles of biochemical oscillators. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 981-991.	16.1	970
796	Molecular alterations associated with bladder cancer initiation and progression. <i>Scandinavian Journal of Urology and Nephrology</i> , 2008, 42, 154-165.	1.4	100
797	Chemical Genetics: Exploring the Role of the Proteasome in Cell Biology Using Natural Products and Other Small Molecule Proteasome Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2600-2605.	2.9	29
798	Cdc20 and Cks Direct the Spindle Checkpoint-Independent Destruction of Cyclin A. <i>Molecular Cell</i> , 2008, 30, 290-302.	4.5	165
799	The roles of Ca <sup>2+</sup> , downstream protein kinases, and oscillatory signaling in regulating fertilization and the activation of development. <i>Developmental Biology</i> , 2008, 315, 257-279.	0.9	192
800	The Hunt for Cyclin. <i>Cell</i> , 2008, 134, 199-202.	13.5	15
801	p21 and p27: roles in carcinogenesis and drug resistance. <i>Expert Reviews in Molecular Medicine</i> , 2008, 10, e19.	1.6	346

#	ARTICLE	IF	CITATIONS
802	Autophosphorylation-Induced Degradation of the Pho85 Cyclin Pcl5 Is Essential for Response to Amino Acid Limitation. <i>Molecular and Cellular Biology</i> , 2008, 28, 6858-6869.	1.1	14
803	Discovery of Cellular Regulation by Protein Degradation. <i>Journal of Biological Chemistry</i> , 2008, 283, 34469-34489.	1.6	89
805	Calcium signalling in early embryos. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1401-1418.	1.8	57
806	Transcription network and cyclin/CDKs: The yin and yang of cell cycle oscillators. <i>Cell Cycle</i> , 2008, 7, 2626-2629.	1.3	41
807	Rice ROOT ARCHITECTURE ASSOCIATED1 Binds the Proteasome Subunit RPT4 and Is Degraded in a D-Box and Proteasome-Dependent Manner. <i>Plant Physiology</i> , 2008, 148, 843-855.	2.3	25
808	The spindle pole body plays a key role in controlling mitotic commitment in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Biochemical Society Transactions</i> , 2008, 36, 1097-1101.	1.6	23
809	CyclinPred: A SVM-Based Method for Predicting Cyclin Protein Sequences. <i>PLoS ONE</i> , 2008, 3, e2605.	1.1	28
810	Renal Hyperplasia and Hypertrophy. , 2008, , 723-742.		1
811	The small organic compound HMN-176 delays satisfaction of the spindle assembly checkpoint by inhibiting centrosome-dependent microtubule nucleation. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 592-601.	1.9	11
812	Influence of cyclin type and dose on mitotic entry and progression in the early <i>Drosophila</i> embryo. <i>Journal of Cell Biology</i> , 2009, 184, 639-646.	2.3	42
813	Large-scale detection of ubiquitination substrates using cell extracts and protein microarrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2543-2548.	3.3	87
814	The DNA Damage Response: Implications on Cancer Formation and Treatment. , 2009, , .		6
815	Dual role of CDKs in DNA repair: To be, or not to be. <i>DNA Repair</i> , 2009, 8, 6-18.	1.3	46
816	Studying the DNA damage response using in vitro model systems. <i>DNA Repair</i> , 2009, 8, 1025-1037.	1.3	38
817	Identification and characterization of cyclin X which activates transcriptional activities of c-Myc. <i>Molecular Biology Reports</i> , 2009, 36, 97-103.	1.0	14
818	Functional Evolution of Cyclin-Dependent Kinases. <i>Molecular Biotechnology</i> , 2009, 42, 14-29.	1.3	73
819	CRK9 contributes to regulation of mitosis and cytokinesis in the procyclic form of <i>Trypanosoma brucei</i> . <i>BMC Cell Biology</i> , 2009, 10, 68.	3.0	19
820	GPS navigation of the protein-stability landscape. <i>Nature Biotechnology</i> , 2009, 27, 46-48.	9.4	2

#	ARTICLE	IF	CITATIONS
821	Cell cycle, CDKs and cancer: a changing paradigm. <i>Nature Reviews Cancer</i> , 2009, 9, 153-166.	12.8	3,070
822	A modified methylene blue assay for accurate cell counting. <i>Journal of Functional Foods</i> , 2009, 1, 109-118.	1.6	143
823	Stem Cells in Marine Organisms. , 2009, , .		18
824	The Multiple Layers of Ubiquitin-Dependent Cell Cycle Control. <i>Chemical Reviews</i> , 2009, 109, 1537-1548.	23.0	73
825	Aurora-A interacts with Cyclin B1 and enhances its stability. <i>Cancer Letters</i> , 2009, 275, 77-85.	3.2	32
826	Cyclin A Is Redundant in Fibroblasts but Essential in Hematopoietic and Embryonic Stem Cells. <i>Cell</i> , 2009, 138, 352-365.	13.5	192
827	Drosophila Cyclin J is a mitotically stable Cdk1 partner without essential functions. <i>Developmental Biology</i> , 2009, 333, 263-272.	0.9	8
828	Secondary Mesenchyme Cells as Potential Stem Cells of the Sea Urchin Embryo. , 2009, , 187-213.		7
829	Progress in Botany. <i>Progress in Botany Fortschritte Der Botanik</i> , 2009, , .	0.1	8
830	What's New in the Plant Cell Cycle?. <i>Progress in Botany Fortschritte Der Botanik</i> , 2009, , 33-49.	0.1	7
832	Logical modelling of cell cycle control in eukaryotes: a comparative study. <i>Molecular BioSystems</i> , 2009, 5, 1569.	2.9	60
833	The cell cycle and acute kidney injury. <i>Kidney International</i> , 2009, 76, 604-613.	2.6	177
834	Proteasome Inhibitors Therapeutic Strategies for Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2009, 4, 73-82.	0.8	12
835	<i>Ciona intestinalis</i> and <i>Oxycomanthus japonicus</i> , Representatives of Marine Invertebrates. <i>Experimental Animals</i> , 2009, 58, 459-469.	0.7	22
836	Cyclin Dependent Kinases as Attractive Targets to Prevent Transcription from Viral Genomes. <i>Current Pharmaceutical Design</i> , 2009, 15, 2520-2532.	0.9	9
837	Prediction of Cyclin Proteins Using Chous Pseudo Amino Acid Composition. <i>Protein and Peptide Letters</i> , 2010, 17, 1207-1214.	0.4	241
838	Fifteen years of APC/cyclosome: a short and impressive biography. <i>Biochemical Society Transactions</i> , 2010, 38, 78-82.	1.6	23
839	eIF4E Binding proteins are differentially modified after ammonia versus intracellular calcium activation of sea urchin unfertilized eggs. <i>Molecular Reproduction and Development</i> , 2010, 77, 83-91.	1.0	13

#	ARTICLE	IF	CITATIONS
840	Cell death beyond worms, flies and humans: unusual model systems for cell death research. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 243-248.	2.2	6
841	The cell wall integrity checkpoint: coordination between cell wall synthesis and the cell cycle. Yeast, 2010, 27, 513-519.	0.8	23
842	The central role of CDE/CHR promoter elements in the regulation of cell cycle-dependent gene transcription. FEBS Journal, 2010, 277, 877-893.	2.2	105
843	Protein homeostasis and synaptic plasticity. EMBO Journal, 2010, 29, 2746-2752.	3.5	156
844	From Rabbit Reticulocytes to Clam Oocytes: In Search of the System That Targets Mitotic Cyclins for Degradation. Molecular Biology of the Cell, 2010, 21, 1645-1647.	0.9	6
845	Circadian-independent cell mitosis in immortalized fibroblasts. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9665-9670.	3.3	60
846	Cyclin Y Is a Novel Conserved Cyclin Essential for Development in Drosophila. Genetics, 2010, 184, 1025-1035.	1.2	35
847	Regulation of the female mouse germ cell cycle during entry into meiosis. Cell Cycle, 2010, 9, 408-418.	1.3	57
848	Why Cyclin Y? A highly conserved cyclin with essential functions. Fly, 2010, 4, 278-282.	0.9	26
849	Mitotic phosphorylation of Aki1 at Ser208 by cyclin B1-Cdk1 complex. Biochemical and Biophysical Research Communications, 2010, 393, 872-876.	1.0	7
852	The DEAD-box RNA helicase Vasa functions in embryonic mitotic progression in the sea urchin. Development (Cambridge), 2011, 138, 2217-2222.	1.2	53
853	MicroRNAs MiR-17, MiR-20a, and MiR-106b Act in Concert to Modulate E2F Activity on Cell Cycle Arrest during Neuronal Lineage Differentiation of USSC. PLoS ONE, 2011, 6, e16138.	1.1	114
854	Offerings from an Urchin. Developmental Biology, 2011, 358, 285-294.	0.9	33
855	Mos limits the number of meiotic divisions in urochordate eggs. Development (Cambridge), 2011, 138, 885-895.	1.2	27
856	Cyclin dependent kinases and their role in regulation of plant cell cycle. Biologia Plantarum, 2011, 55, 201-212.	1.9	45
857	Genome-wide identification and characterization of the cyclin gene family in Populus trichocarpa. Plant Cell, Tissue and Organ Culture, 2011, 107, 55-67.	1.2	18
858	Human linker histones: interplay between phosphorylation and O <sup>6</sup> -GlcNAc to mediate chromatin structural modifications. Cell Division, 2011, 6, 15.	1.1	9
859	Molecular evolution of cyclin proteins in animals and fungi. BMC Evolutionary Biology, 2011, 11, 224.	3.2	30

#	ARTICLE	IF	CITATIONS
860	Evolutionary crossroads in developmental biology: sea urchins. <i>Development (Cambridge)</i> , 2011, 138, 2639-2648.	1.2	141
861	Switches and latches: a biochemical tug-of-war between the kinases and phosphatases that control mitosis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3584-3594.	1.8	95
862	Regulatory dephosphorylation of CDK at G2/M in plants: yeast mitotic phosphatase cdc25 induces cytokinin-like effects in transgenic tobacco morphogenesis. <i>Annals of Botany</i> , 2011, 107, 1071-1086.	1.4	25
863	A commentary on the G2/M transition of the plant cell cycle. <i>Annals of Botany</i> , 2011, 107, 1065-1070.	1.4	41
864	The First Cell Cycle of the <i>Caenorhabditis elegans</i> Embryo: Spatial and Temporal Control of an Asymmetric Cell Division. <i>Results and Problems in Cell Differentiation</i> , 2011, 53, 109-133.	0.2	19
865	Cyclin dependent protein kinases and stress responses in plants. <i>Plant Signaling and Behavior</i> , 2011, 6, 204-209.	1.2	67
866	Mitosis in Neurons: Roughex and APC/C Maintain Cell Cycle Exit to Prevent Cytokinetic and Axonal Defects in <i>Drosophila</i> Photoreceptor Neurons. <i>PLoS Genetics</i> , 2012, 8, e1003049.	1.5	19
867	The Ubiquitin-associated (UBA) 1 Domain of <i>Schizosaccharomyces pombe</i> Rhp23 Is Essential for the Recognition of Ubiquitin-proteasome System Substrates Both in Vitro and in Vivo*. <i>Journal of Biological Chemistry</i> , 2012, 287, 42344-42351.	1.6	5
868	Punctuated cyclin synthesis drives early embryonic cell cycle oscillations. <i>Molecular Biology of the Cell</i> , 2012, 23, 284-296.	0.9	13
869	The overlooked greatwall: a new perspective on mitotic control. <i>Open Biology</i> , 2012, 2, 120023.	1.5	56
870	Current Status of Echinoderm Genome Analysis - What do we Know?. <i>Current Genomics</i> , 2012, 13, 134-143.	0.7	18
871	Thoughts about the origin of cancer. <i>Chinese-German Journal of Clinical Oncology</i> , 2012, 11, 572-574.	0.1	0
872	Fulfilling the metabolic requirements for cell proliferation. <i>Biochemical Journal</i> , 2012, 446, 1-7.	1.7	62
873	Regulatory modules: Coupling protein stability to phosphoregulation during cell division. <i>FEBS Letters</i> , 2012, 586, 2773-2777.	1.3	49
874	Size homeostasis can be intrinsic to growing cell populations and explained without size sensing or signalling. <i>FEBS Journal</i> , 2012, 279, 4213-4230.	2.2	15
875	Introduction: Current Themes on Cell Cycle and Cancer. <i>Genes and Cancer</i> , 2012, 3, 612-613.	0.6	0
876	Orphan kinases turn eccentric. <i>Cell Cycle</i> , 2012, 11, 3758-3768.	1.3	46
877	Curcumin: Structure, Biology and Clinical Applications. , 2012, , 413-457.		3



#	ARTICLE	IF	CITATIONS
878	The Centrosome. , 2012, , .		9
880	Effects of Seawater Acidification on Cell Cycle Control Mechanisms in <i>Strongylocentrotus purpuratus</i> Embryos. <i>PLoS ONE</i> , 2012, 7, e34068.	1.1	23
881	Modulation of Cell Proliferation Pathways by the Hepatitis B Virus X Protein: A Potential Contributor to the Development of Hepatocellular Carcinoma. , 2012, , .		1
882	Phosphorylation Mediated Regulation of Cdc25 Activity, Localization and Stability. , 0, , .		4
883	GADD45 Proteins: Central Players in Tumorigenesis. <i>Current Molecular Medicine</i> , 2012, 12, 634-651.	0.6	260
884	History of proteinâ€“protein interactions: From eggâ€“white to complex networks. <i>Proteomics</i> , 2012, 12, 1478-1498.	1.3	214
885	Metabolic reprogramming of the tumor. <i>Oncogene</i> , 2012, 31, 3999-4011.	2.6	102
886	Role of the ubiquitin ligase Fbw7 in cancer progression. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 75-87.	2.7	93
887	Expression characteristics of two ubiquitin/ribosomal fusion protein genes in the developing testis, accessory gonad and ovary of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Molecular Biology Reports</i> , 2012, 39, 6683-6692.	1.0	22
888	A1E inhibits proliferation and induces apoptosis in NCI-H460 lung cancer cells via extrinsic and intrinsic pathways. <i>Molecular Biology Reports</i> , 2013, 40, 4507-4519.	1.0	16
889	Feedback loops and reciprocal regulation: recurring motifs in the systems biology of the cell cycle. <i>Current Opinion in Cell Biology</i> , 2013, 25, 676-686.	2.6	74
890	Cdks, cyclins and CKIs: roles beyond cell cycle regulation. <i>Development (Cambridge)</i> , 2013, 140, 3079-3093.	1.2	1,164
891	Computational Methods for Transcriptional Regulatory Networks. , 2013, , 468-473.		0
892	Heritable Loss of Replication Control of a Minichromosome Derived from the B Chromosome of Maize. <i>Genetics</i> , 2013, 193, 77-84.	1.2	4
893	Roles for focal adhesion kinase (FAK) in blastomere abscission and vesicle trafficking during cleavage in the sea urchin embryo. <i>Mechanisms of Development</i> , 2013, 130, 290-303.	1.7	2
894	Phylogenetic analysis reveals the evolution and diversification of cyclins in eukaryotes. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 1002-1010.	1.2	33
895	In the wrong place at the wrong time: does cyclin mislocalization drive oncogenic transformation?. <i>Nature Reviews Cancer</i> , 2013, 13, 201-208.	12.8	33
896	Ubiquitin Ligases and Cell Cycle Control. <i>Annual Review of Biochemistry</i> , 2013, 82, 387-414.	5.0	205

#	ARTICLE	IF	CITATIONS
897	Renal Hyperplasia and Hypertrophy. , 2013, , 933-958.		0
898	New insights to the ubiquitinâ€“proteasome pathway (UPP) mechanism during spermatogenesis. Molecular Biology Reports, 2013, 40, 3213-3230.	1.0	63
899	Coupling switches and oscillators as a means to shape cellular signals in biomolecular systems. Chaos, Solitons and Fractals, 2013, 50, 115-126.	2.5	3
900	Cell cycle checkpoint regulators reach a zillion. Cell Cycle, 2013, 12, 1501-1509.	1.3	51
901	Complexes of D-type cyclins with CDKs during maize germination. Journal of Experimental Botany, 2013, 64, 5661-5671.	2.4	25
902	Evolutionary cell biology of chromosome segregation: insights from trypanosomes. Open Biology, 2013, 3, 130023.	1.5	70
903	Burn to cycle: Energetics of cell-cycle control and stem cell maintenance. Frontiers in Bioscience - Landmark, 2014, 19, 1003.	3.0	5
906	KMTase Set7/9 is a critical regulator of E2F1 activity upon genotoxic stress. Cell Death and Differentiation, 2014, 21, 1889-1899.	5.0	52
907	Checkpoints couple transcription network oscillator dynamics to cell-cycle progression. Genome Biology, 2014, 15, 446.	3.8	21
908	Phosphorylation-mediated stabilization of Bora in mitosis coordinates Plx1/Plk1 and Cdk1 oscillations. Cell Cycle, 2014, 13, 1727-1736.	1.3	14
909	Phosphorylation of cyclin Y by CDK14 induces its ubiquitination and degradation. FEBS Letters, 2014, 588, 1989-1996.	1.3	11
910	A mathematical model of CENP-A incorporation in mammalian centromeres. Mathematical Biosciences, 2014, 249, 27-43.	0.9	0
911	Expression of mitotic cyclins in higher plants: transcriptional and proteolytic regulation. Plant Biotechnology Reports, 2014, 8, 9-16.	0.9	3
912	Towards 3D in silico modeling of the sea urchin embryonic development. Journal of Chemical Biology, 2014, 7, 17-28.	2.2	7
913	Molecular regulation of the diatom cell cycle. Journal of Experimental Botany, 2014, 65, 2573-2584.	2.4	43
914	Perilous journey: a tour of the ubiquitinâ€“proteasome system. Trends in Cell Biology, 2014, 24, 352-359.	3.6	271
915	Protein kinase C involvement in cell cycle modulation. Biochemical Society Transactions, 2014, 42, 1471-1476.	1.6	62
916	Neurospora crassa as a model organism to explore the interconnected network of the cell cycle and the circadian clock. Fungal Genetics and Biology, 2014, 71, 52-57.	0.9	18

#	ARTICLE	IF	CITATIONS
918	Impacts of size and shape of silver nanoparticles on Arabidopsis plant growth and gene expression. <i>Plant Physiology and Biochemistry</i> , 2014, 83, 57-64.	2.8	352
919	Cell Cycle Control. <i>Methods in Molecular Biology</i> , 2014, , .	0.4	9
920	Strong expression of cyclin B2 mRNA correlates with a poor prognosis in patients with non-small cell lung cancer. <i>Tumor Biology</i> , 2014, 35, 4257-4265.	0.8	33
921	Control of cell growth, division and death: information processing in living cells. <i>Interface Focus</i> , 2014, 4, 20130070.	1.5	31
922	Manganese Superoxide Dismutase Regulates a Redox Cycle Within the Cell Cycle. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1618-1627.	2.5	89
923	D-type Cyclins are important downstream effectors of cytokine signaling that regulate the proliferation of normal and neoplastic mammary epithelial cells. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 583-592.	1.6	42
926	Structures of the CDK12/CycK complex with AMP-PNP reveal a flexible C-terminal kinase extension important for ATP binding. <i>Scientific Reports</i> , 2015, 5, 17122.	1.6	30
927	Cyclin Y inhibits plasticity-induced AMPA receptor exocytosis and LTP. <i>Scientific Reports</i> , 2015, 5, 12624.	1.6	19
929	The evolution of larval developmental mode: insights from hybrids between species with obligately and facultatively planktotrophic larvae. <i>Evolution &amp; Development</i> , 2015, 17, 278-288.	1.1	6
930	The Dawn of Aurora Kinase Research: From Fly Genetics to the Clinic. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 73.	1.8	34
931	CCNYL1, but Not CCNY, Cooperates with CDK16 to Regulate Spermatogenesis in Mouse. <i>PLoS Genetics</i> , 2015, 11, e1005485.	1.5	38
932	Cyclin D1 G870A gene polymorphism and risk of leukemia and hepatocellular carcinoma: a meta-analysis. <i>Genetics and Molecular Research</i> , 2015, 14, 5171-5180.	0.3	7
933	Subversion of Cell Cycle Regulatory Mechanisms by HIV. <i>Cell Host and Microbe</i> , 2015, 17, 736-740.	5.1	15
934	Disorder, oscillatory dynamics and state switching: the role of c-Myc. <i>Journal of Theoretical Biology</i> , 2015, 386, 105-114.	0.8	12
935	Drosophila eye size is determined by Innexin 2-dependent Decapentaplegic signalling. <i>Developmental Biology</i> , 2015, 408, 26-40.	0.9	26
936	Anticancer Drugs and Potential Anticancer Leads Inspired by Natural Products. <i>Studies in Natural Products Chemistry</i> , 2015, 44, 251-307.	0.8	11
937	Nuclear and Cell Morphological Changes during the Cell Cycle and Growth of the Toxic Dinoflagellate <i>Alexandrium minutum</i> . <i>Protist</i> , 2015, 166, 146-160.	0.6	27
938	Bistability, Oscillations, and Traveling Waves in Frog Egg Extracts. <i>Bulletin of Mathematical Biology</i> , 2015, 77, 796-816.	0.9	7

#	ARTICLE	IF	CITATIONS
939	Histone Deacetylase 10 Regulates the Cell Cycle G <sub>2</sub> /M Phase Transition via a Novel Let-7a-HMGA2-Cyclin A2 Pathway. <i>Molecular and Cellular Biology</i> , 2015, 35, 3547-3565.	1.1	62
940	Targeting Cyclin-Dependent Kinases in Human Cancers: From Small Molecules to Peptide Inhibitors. <i>Cancers</i> , 2015, 7, 179-237.	1.7	257
941	Growing an Embryo from a Single Cell: A Hurdle in Animal Life: Figure 1.. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019042.	2.3	45
942	Cell cycle control in the early embryonic development of aquatic animal species. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 178, 8-15.	1.3	44
943	<i>E. coli</i> MG1655 modulates its phospholipid composition through the cell cycle. <i>FEBS Letters</i> , 2015, 589, 2726-2730.	1.3	28
944	Nucleolar GTP-binding Protein-1 (NGP-1) Promotes G1 to S Phase Transition by Activating Cyclin-dependent Kinase Inhibitor p21Cip1/Waf1. <i>Journal of Biological Chemistry</i> , 2015, 290, 21536-21552.	1.6	19
945	The spindle checkpoint and chromosome segregation in meiosis. <i>FEBS Journal</i> , 2015, 282, 2471-2487.	2.2	81
946	Cell cycle arrest and the evolution of chronic kidney disease from acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 575-583.	0.4	156
947	Inference of gene regulation functions from dynamic transcriptome data. <i>ELife</i> , 2016, 5, .	2.8	12
948	A Cell Biological Perspective on Past, Present and Future Investigations of the Spindle Assembly Checkpoint. <i>Biology</i> , 2016, 5, 44.	1.3	47
949	Cell Cycle. , 2016, , 299-326.		0
950	Histone deacetylases differentially regulate the proliferative phenotype of mouse bone marrow stromal and hematopoietic stem/progenitor cells. <i>Stem Cell Research</i> , 2016, 17, 170-180.	0.3	22
951	Fungal Cell Cycle: A Unicellular versus Multicellular Comparison. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	12
952	Treating cancer with selective CDK4/6 inhibitors. <i>Nature Reviews Clinical Oncology</i> , 2016, 13, 417-430.	12.5	806
953	Targeting the cyclin-dependent kinases (CDK) 4/6 in estrogen receptor-positive breast cancers. <i>Breast Cancer Research</i> , 2016, 18, 17.	2.2	257
954	Histopathological and Immunohistochemical Studies of Cowpox Virus Replication in a Three-Dimensional Skin Model. <i>Journal of Comparative Pathology</i> , 2016, 155, 55-61.	0.1	10
955	Translational Control in Echinoderms: The Calm Before the Storm. , 2016, , 413-434.		5
956	A genome-wide screen to identify genes controlling the rate of entry into mitosis in fission yeast. <i>Cell Cycle</i> , 2016, 15, 3121-3130.	1.3	16

#	ARTICLE	IF	CITATIONS
957	Model of the delayed translation of cyclin B maternal mRNA after sea urchin fertilization. <i>Molecular Reproduction and Development</i> , 2016, 83, 1070-1082.	1.0	4
958	Cyclin-dependent kinases as therapeutic targets for HIV-1 infection. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1453-1461.	1.5	17
959	Analysis of translation using polysome profiling. <i>Nucleic Acids Research</i> , 2017, 45, gkw907.	6.5	119
960	Multifunctional protein: cardiac ankyrin repeat protein. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 333-341.	1.3	11
961	Suppression of HSP27 increases the anti-tumor effects of quercetin in human leukemia U937 cells. <i>Molecular Medicine Reports</i> , 2016, 13, 689-696.	1.1	44
962	Cyclin-dependent protein kinase inhibitors including palbociclib as anticancer drugs. <i>Pharmacological Research</i> , 2016, 107, 249-275.	3.1	179
963	The Cell Cycle of Microalgae. , 2016, , 3-46.		19
964	Cyclin-dependent kinase inhibitors for the treatment of chronic lymphocytic leukemia. <i>Seminars in Oncology</i> , 2016, 43, 265-273.	0.8	18
965	Cell Size Determines the Strength of the Spindle Assembly Checkpoint during Embryonic Development. <i>Developmental Cell</i> , 2016, 36, 344-352.	3.1	69
966	Cyclins and Cyclin-Dependent Kinases. , 2016, , 423-431.		5
967	The oncogenetic role of stanniocalcin 1 in lung adenocarcinoma: a promising serum candidate biomarker for tracking lung adenocarcinoma progression. <i>Tumor Biology</i> , 2016, 37, 5633-5644.	0.8	22
968	Model Organisms for Studying the Cell Cycle. <i>Methods in Molecular Biology</i> , 2016, 1342, 21-57.	0.4	3
969	Enhanced Prediction and Characterization of CDK Inhibitors Using Optimal Class Distribution. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2017, 9, 292-303.	2.2	14
970	A Cyclin D2-derived peptide acts on specific cell cycle phases by activating ERK1/2 to cause the death of breast cancer cells. <i>Journal of Proteomics</i> , 2017, 151, 24-32.	1.2	21
972	Ribosome profiling the cell cycle: lessons and challenges. <i>Current Genetics</i> , 2017, 63, 959-964.	0.8	20
973	New role of human ribosomal protein S3: Regulation of cell cycle via phosphorylation by cyclin-dependent kinase 2. <i>Oncology Letters</i> , 2017, 13, 3681-3687.	0.8	17
974	Quantitative Cell Cycle Analysis Based on an Endogenous All-in-One Reporter for Cell Tracking and Classification. <i>Cell Reports</i> , 2017, 19, 1953-1966.	2.9	119
975	Connecting virulence pathways to cell-cycle progression in the fungal pathogen <i>Cryptococcus neoformans</i> . <i>Current Genetics</i> , 2017, 63, 803-811.	0.8	9

#	ARTICLE	IF	CITATIONS
976	Cell Cycle Remodeling and Zygotic Gene Activation at the Midblastula Transition. <i>Advances in Experimental Medicine and Biology</i> , 2017, 953, 441-487.	0.8	21
977	An update on the implications of cyclin D1 in oral carcinogenesis. <i>Oral Diseases</i> , 2017, 23, 897-912.	1.5	74
978	Drug-Free Approach To Study the Unusual Cell Cycle of <i>Giardia intestinalis</i> . <i>MSphere</i> , 2017, 2, .	1.3	25
979	The Notch pathway regulates the Second Mitotic Wave cell cycle independently of bHLH proteins. <i>Developmental Biology</i> , 2017, 431, 309-320.	0.9	2
980	Interlinked bistable mechanisms generate robust mitotic transitions. <i>Cell Cycle</i> , 2017, 16, 1885-1892.	1.3	23
981	MicroRNA-874-mediated inhibition of the major G1/S phase cyclin, CCNE1, is lost in osteosarcomas. <i>Journal of Biological Chemistry</i> , 2017, 292, 21264-21281.	1.6	25
982	Systematic epistatic mapping of cellular processes. <i>Cell Division</i> , 2017, 12, 2.	1.1	4
983	Cell Cycle Synchronization. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	5
984	Molecular Network Dynamics of Cell Cycle Control: Periodicity of Start and Finish. <i>Methods in Molecular Biology</i> , 2017, 1524, 331-349.	0.4	7
985	Fungal Cell Cycle: A Unicellular versus Multicellular Comparison. , 2017, , 549-570.		0
986	Sophisticated lessons from simple organisms: appreciating the value of curiosity-driven research. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1381-1389.	1.2	12
987	The Sea Urchin Embryo: A Model for Studying Molecular Mechanisms Involved in Human Diseases and for Testing Bioactive Compounds. , 0, , .		6
988	Sea Urchins as a Model System for Studying Embryonic Development. , 2017, , .		7
989	A Brief History of Eukaryotic Cell Cycle Research. <i>Plant Cell Monographs</i> , 2018, , 67-93.	0.4	2
990	Translatome analysis at the egg-to-embryo transition in sea urchin. <i>Nucleic Acids Research</i> , 2018, 46, 4607-4621.	6.5	19
991	Biochemical bases of growth variation during development: A study of protein turnover in pedigreed families of bivalve larvae ( <i>Crassostrea gigas</i> ). <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	19
992	HpBase: A genome database of a sea urchin, <i>Hemicentrotus pulcherrimus</i> . <i>Development Growth and Differentiation</i> , 2018, 60, 174-182.	0.6	39
993	Calcipressin 1, Csp1, CALP1. , 2018, , 648-648.		0

#	ARTICLE	IF	CITATIONS
994	Calmodulin-Dependent Cyclic Nucleotide Phosphodiesterase. , 2018, , 678-678.		0
995	Cyclic GMP-Stimulated Phosphodiesterase. , 2018, , 1254-1254.		0
996	CD81. , 2018, , 962-967.		0
997	Depletion of Maternal Cyclin B3 Contributes to Zygotic Genome Activation in the Ciona Embryo. Current Biology, 2018, 28, 1150-1156.e4.	1.8	24
998	BCI induces apoptosis via generation of reactive oxygen species and activation of intrinsic mitochondrial pathway in H1299 lung cancer cells. Science China Life Sciences, 2018, 61, 1243-1253.	2.3	12
999	Bacterial artificial chromosomes as recombinant reporter constructs to investigate gene expression and regulation in echinoderms. Briefings in Functional Genomics, 2018, 17, 362-371.	1.3	12
1000	Mammalian Development and Cancer: A Brief History of Mice Lacking D-Type Cyclins or CDK4/CDK6. Current Cancer Research, 2018, , 27-59.	0.2	1
1001	Intertwined control of the cell cycle and nucleocytoplasmic transport by the cyclin-dependent kinase Pho85 and RanGTPase Gsp1 in Saccharomyces cerevisiae. Microbiological Research, 2018, 206, 168-176.	2.5	6
1003	Computational Models of Cell Cycle Transitions. Methods in Molecular Biology, 2018, 1819, 297-316.	0.4	0
1004	Precise Post-translational Tuning Occurs for Most Protein Complex Components during Meiosis. Cell Reports, 2018, 25, 3603-3617.e2.	2.9	22
1005	Guidelines and recommendations on yeast cell death nomenclature. Microbial Cell, 2018, 5, 4-31.	1.4	158
1006	Who guards the guardian? Mechanisms that restrain APC/C during the cell cycle. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1924-1933.	1.9	44
1007	MPF-based meiotic cell cycle control: Half a century of lessons from starfish oocytes. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2018, 94, 180-203.	1.6	42
1008	Sea Urchins as Lab Animals for Reproductive and Developmental Biology. , 2018, , 696-703.		4
1009	Echinodermata. , 2018, , 533-545.		0
1011	Cyclin B3 Deficiency Impairs Germline Stem Cell Maintenance and Its Overexpression Delays Cystoblast Differentiation in Drosophila Ovary. International Journal of Molecular Sciences, 2018, 19, 298.	1.8	10
1012	Maristemâ€”Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. Sustainability, 2018, 10, 526.	1.6	9
1013	Mechanisms of Mitotic Kinase Regulation: A Structural Perspective. Frontiers in Cell and Developmental Biology, 2018, 6, 6.	1.8	10

#	ARTICLE	IF	CITATIONS
1014	Protein arginine methylation: an emerging regulator of the cell cycle. <i>Cell Division</i> , 2018, 13, 3.	1.1	70
1015	Comprehensive and quantitative analysis of G1 cyclins. A tool for studying the cell cycle. <i>PLoS ONE</i> , 2019, 14, e0218531.	1.1	4
1016	The Cell Cycle, Cytoskeleton and Cancer. <i>Learning Materials in Biosciences</i> , 2019, , 51-74.	0.2	1
1017	Double or Nothing? Cell Division and Cell Size Control. <i>Trends in Plant Science</i> , 2019, 24, 1083-1093.	4.3	19
1018	Silencing PSME3 induces colorectal cancer radiosensitivity by downregulating the expression of cyclin B1 and CKD1. <i>Experimental Biology and Medicine</i> , 2019, 244, 1409-1418.	1.1	14
1019	Triggering mitosis. <i>FEBS Letters</i> , 2019, 593, 2868-2888.	1.3	61
1020	Cyclin B3 is dispensable for mouse spermatogenesis. <i>Chromosoma</i> , 2019, 128, 473-487.	1.0	10
1021	Quantitative Studies for Cell-Division Cycle Control. <i>Frontiers in Physiology</i> , 2019, 10, 1022.	1.3	23
1022	Dissecting the mechanisms of cell division. <i>Journal of Biological Chemistry</i> , 2019, 294, 11382-11390.	1.6	14
1023	A Survey on Tubulin and Arginine Methyltransferase Families Sheds Light on <i>P. lividus</i> Embryo as Model System for Antiproliferative Drug Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2136.	1.8	4
1024	When sperm meets egg—Fifty years of surprises. <i>Methods in Cell Biology</i> , 2019, 151, 3-12.	0.5	0
1025	Cell Cycle. , 2019, , .		7
1026	Functions of cyclins and CDKs in mammalian gametogenesis. <i>Biology of Reproduction</i> , 2019, 101, 591-601.	1.2	36
1027	Echinoderm eggs as a model for discoveries in cell biology. <i>Methods in Cell Biology</i> , 2019, 151, 29-36.	0.5	0
1028	<i>Temnopleurus</i> as an emerging echinoderm model. <i>Methods in Cell Biology</i> , 2019, 150, 71-79.	0.5	4
1029	The Transposons of the Sea Urchin <i>Strongylocentrotus intermedius</i> Agassiz, 1863: In Silico Versus In Vitro. <i>Russian Journal of Marine Biology</i> , 2019, 45, 418-424.	0.2	1
1030	Regulation of Cell Cycle Entry and Exit: A Single Cell Perspective. , 2019, 10, 317-344.		12
1031	In vivo analysis of protein translation activity in sea urchin eggs and embryos. <i>Methods in Cell Biology</i> , 2019, 151, 335-352.	0.5	4



#	ARTICLE	IF	CITATIONS
1032	Mitotic slippage: an old tale with a new twist. <i>Cell Cycle</i> , 2019, 18, 7-15.	1.3	81
1033	Assembly of a parts list of the human mitotic cell cycle machinery. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 703-718.	1.5	80
1034	Trapping, tagging and tracking: Tools for the study of proteins during early development of the sea urchin. <i>Methods in Cell Biology</i> , 2019, 151, 283-304.	0.5	0
1035	Cyclin C: The Story of a Non-Cycling Cyclin. <i>Biology</i> , 2019, 8, 3.	1.3	28
1036	Crucial role of poly (ADP-ribose) polymerase (PARP-1) in cellular proliferation of <i>Dictyostelium discoideum</i> . <i>Journal of Cellular Physiology</i> , 2019, 234, 7539-7547.	2.0	6
1037	Cyclin-dependent protein serine/threonine kinase inhibitors as anticancer drugs. <i>Pharmacological Research</i> , 2019, 139, 471-488.	3.1	270
1038	Control of the Cell Cycle. , 2020, , 56-73.e5.		1
1039	Atypical cyclins: the extended family portrait. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 231-242.	2.4	24
1040	A novel F-box domain containing cyclin F like gene is required for maintaining the genome stability and survival of chicken primordial germ cells. <i>FASEB Journal</i> , 2020, 34, 1001-1017.	0.2	6
1041	PI3K inhibitor reduces in vitro maturation and developmental competence of porcine oocytes. <i>Theriogenology</i> , 2020, 157, 432-439.	0.9	9
1042	CDK-mediated Yku80 Phosphorylation Regulates the Balance Between Non-homologous End Joining (NHEJ) and Homologous Directed Recombination (HDR). <i>Journal of Molecular Biology</i> , 2020, 432, 166715.	2.0	9
1043	The Apparent Requirement for Protein Synthesis during G2 Phase Is due to Checkpoint Activation. <i>Cell Reports</i> , 2020, 32, 107901.	2.9	19
1044	Ccny knockout mice display an enhanced susceptibility to kainic acid-induced epilepsy. <i>Pharmacological Research</i> , 2020, 160, 105100.	3.1	5
1045	Phase separation drives decision making in cell division. <i>Journal of Biological Chemistry</i> , 2020, 295, 13419-13431.	1.6	41
1046	Thymidine kinase 1 through the ages: a comprehensive review. <i>Cell and Bioscience</i> , 2020, 10, 138.	2.1	49
1047	Genome-Wide Analysis of the Cyclin Gene Family and Their Expression Profile in <i>Medicago truncatula</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 9430.	1.8	13
1048	What makes the cell cycle tick? a celebration of the awesome power of biochemistry and the frog egg. <i>Molecular Biology of the Cell</i> , 2020, 31, 2874-2878.	0.9	0
1049	Plant cell cycle regulators: Mitogen-activated protein kinase, a new regulating switch?. <i>Plant Science</i> , 2020, 301, 110660.	1.7	22

#	ARTICLE	IF	CITATIONS
1050	The Spindle Assembly Checkpoint Functions during Early Development in Non-Chordate Embryos. <i>Cells</i> , 2020, 9, 1087.	1.8	11
1051	Atypical cyclins in cancer: New kids on the block?. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 46-53.	2.3	2
1053	Less-well known functions of cyclin/CDK complexes. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 54-62.	2.3	17
1054	Cyclin A1 in Oocytes Prevents Chromosome Segregation And Anaphase Entry. <i>Scientific Reports</i> , 2020, 10, 7455.	1.6	12
1055	CCNE1 Amplification as a Predictive Biomarker of Chemotherapy Resistance in Epithelial Ovarian Cancer. <i>Diagnostics</i> , 2020, 10, 279.	1.3	59
1056	Chatterboxes: the structural and functional diversity of cyclins. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 4-20.	2.3	11
1057	Complex Cartography: Regulation of E2F Transcription Factors by Cyclin F and Ubiquitin. <i>Trends in Cell Biology</i> , 2020, 30, 640-652.	3.6	42
1058	Abundances of transcripts, proteins, and metabolites in the cell cycle of budding yeast reveal coordinate control of lipid metabolism. <i>Molecular Biology of the Cell</i> , 2020, 31, 1069-1084.	0.9	30
1059	The Dual-Specificity Kinase DYRK1A Modulates the Levels of Cyclin L2 To Control HIV Replication in Macrophages. <i>Journal of Virology</i> , 2020, 94, .	1.5	12
1060	A pan-cancer analysis of the frequency of DNA alterations across cell cycle activity levels. <i>Oncogene</i> , 2020, 39, 5430-5440.	2.6	23
1061	Embryo, larval, and juvenile staging of <i>Lytechinus pictus</i> from fertilization through sexual maturation. <i>Developmental Dynamics</i> , 2020, 249, 1334-1346.	0.8	15
1062	Mitotic kinase anchoring proteins: the navigators of cell division. <i>Cell Cycle</i> , 2020, 19, 505-524.	1.3	12
1063	A Peak of H3T3 Phosphorylation Occurs in Synchrony with Mitosis in Sea Urchin Early Embryos. <i>Cells</i> , 2020, 9, 898.	1.8	4
1064	Mammalian cell cycle cyclins. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 28-35.	2.3	81
1066	Cyclin Y, a novel actin-binding protein, regulates spine plasticity through the cofilin-actin pathway. <i>Progress in Neurobiology</i> , 2021, 198, 101915.	2.8	3
1067	A new ultradian rhythm in mammalian cell dry mass observed by holography. <i>Scientific Reports</i> , 2021, 11, 1290.	1.6	10
1068	Sea Urchin as a Universal Model for Studies of Gene Networks. <i>Frontiers in Genetics</i> , 2020, 11, 627259.	1.1	15
1069	Concomitant MEK and Cyclin Gene Alterations: Implications for Response to Targeted Therapeutics. <i>Clinical Cancer Research</i> , 2021, 27, 2792-2797.	3.2	27

#	ARTICLE	IF	CITATIONS
1070	Selbstreproduktion: Zellteilung, Krebs, Stammzellen und Epigenetik. , 2021, , 279-312.		0
1071	Chromosomal-Level Genome Assembly of the Painted Sea Urchin <i>Lytechinus pictus</i> : A Genetically Enabled Model System for Cell Biology and Embryonic Development. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	15
1072	Biodiversity-based development and evolution: the emerging research systems in model and non-model organisms. <i>Science China Life Sciences</i> , 2021, 64, 1236-1280.	2.3	60
1073	The Involvement of Ubiquitination Machinery in Cell Cycle Regulation and Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5754.	1.8	41
1074	CDK control pathways integrate cell size and ploidy information to control cell division. <i>ELife</i> , 2021, 10, .	2.8	20
1075	The expression regulation of Cyclins and CDKs in ovary via miR-9c and miR-263a of <i>Scylla paramamosain</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 254, 110567.	0.7	3
1076	Hypoxia-inducible lipid droplet-associated (HILPDA) facilitates the malignant phenotype of lung adenocarcinoma cells in vitro through modulating cell cycle pathways. <i>Tissue and Cell</i> , 2021, 70, 101495.	1.0	2
1077	Cell cycle control during early embryogenesis. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	15
1078	Regulation of the Plant Cell Cycle in Response to Hormones and the Environment. <i>Annual Review of Plant Biology</i> , 2021, 72, 273-296.	8.6	63
1080	OsARP6 Is Involved in Internode Elongation by Regulating Cell-Cycle-Related Genes. <i>Biomolecules</i> , 2021, 11, 1100.	1.8	1
1081	Selective dephosphorylation by PP2A-B55 directs the meiosis I-meiosis II transition in oocytes. <i>ELife</i> , 2021, 10, .	2.8	13
1082	Mitosis under the microscope. <i>Seminars in Cell and Developmental Biology</i> , 2021, 117, 1-5.	2.3	0
1083	Landscape analysis of lncRNAs shows that DDX11-AS1 promotes cell-cycle progression in liver cancer through the PARP1/p53 axis. <i>Cancer Letters</i> , 2021, 520, 282-294.	3.2	12
1084	Brachionus rotifers as a model for investigating dietary and metabolic regulators of aging. <i>Nutrition and Healthy Aging</i> , 2021, 6, 1-15.	0.5	10
1085	Cyclins and the wiring of the yeast cell cycle. <i>Yeast</i> , 1996, 12, 1635-46.	0.8	57
1087	Differentiation and De-Differentiationâ€”Neuronal Cell-Cycle Regulation During Development and Age-Related Neurodegenerative Disorders. , 2008, , 157-213.		5
1088	Cell Cycle Deregulation in Breast Cancer: Insurmountable Chemoresistance or Achillesâ€™ Heel?. <i>Advances in Experimental Medicine and Biology</i> , 2007, 608, 52-69.	0.8	5
1089	Cell Cycle Control in Pancreatic Cancer Pathogenesis. , 2010, , 333-367.		1

#	ARTICLE	IF	CITATIONS
1090	Function and regulation of cdc25 protein phosphatase through mitosis and meiosis. , 1995, 1, 215-228.		42
1091	PEST sequences in calmodulin-binding proteins. , 1995, , 17-27.		2
1092	Nuclear Envelope Assembly and Disassembly. Sub-Cellular Biochemistry, 1994, 22, 263-325.	1.0	6
1093	Relationship between Ras pathways and cell cycle control. , 2000, 4, 1-17.		20
1094	Regulation of p34cdc2/cylinB H1 and NIMA kinases during the G2/M transition and checkpoint responses in Aspergillus nidulans. , 1997, 3, 221-232.		11
1095	A quest for cytoplasmic factors that control the cell cycle. , 1996, 2, 1-13.		13
1096	The plant cell cycle: conserved and unique features in mitotic control. , 1996, 2, 59-72.		30
1097	Selective Messenger RNA Translation in Marine Invertebrate Oocytes, Eggs, and Zygotes. , 1987, , 87-110.		12
1098	Cell Cycle Control by Ubiquitin-Dependent Proteolysis. , 1998, , 345-387.		19
1099	The Greatwallâ€“PP2A Axis in Cell Cycle Control. Methods in Molecular Biology, 2014, 1170, 99-111.	0.4	13
1100	Cyclin-Dependent Kinases and Their Regulators as Potential Targets for Anticancer Therapeutics. , 2004, , 359-410.		2
1101	The Cell Cycle. , 1998, , 65-72.		1
1102	Sea Urchin Embryo. , 2008, , 85-90.		2
1103	Regulation of p53 Activity and Associated Checkpoint Controls. , 2010, , 171-188.		2
1104	Molecular Network Dynamics of Cell Cycle Control: Transitions to Start and Finish. Methods in Molecular Biology, 2011, 761, 277-291.	0.4	11
1105	Regulation of Centrosomes by Cyclin-Dependent Kinases. , 2012, , 187-197.		2
1106	Starfish as a Model System for Analyzing Signal Transduction During Fertilization. Results and Problems in Cell Differentiation, 2018, 65, 49-67.	0.2	5
1107	Toward Multiscale Modeling of Molecular and Biochemical Events Occurring at Fertilization Time in Sea Urchins. Results and Problems in Cell Differentiation, 2018, 65, 69-89.	0.2	2

#	ARTICLE	IF	CITATIONS
1108	Greatwall Kinase, ARPP-19 and Protein Phosphatase 2A: Shifting the Mitosis Paradigm. Results and Problems in Cell Differentiation, 2011, 53, 219-234.	0.2	13
1109	Established and Novel Cdk/Cyclin Complexes Regulating the Cell Cycle and Development. Results and Problems in Cell Differentiation, 2011, 53, 365-389.	0.2	63
1110	Function of the A-Type Cyclins During Gametogenesis and Early Embryogenesis. Results and Problems in Cell Differentiation, 2011, 53, 391-413.	0.2	24
1111	Cell Cycle Regulation During Proliferation and Differentiation of Mammalian Muscle Precursor Cells. Results and Problems in Cell Differentiation, 2011, 53, 473-527.	0.2	30
1112	Fertilization in Invertebrates. , 2000, , 27-87.		3
1113	Granzymes and Apoptosis: Targeting the Cell Cycle. Current Topics in Microbiology and Immunology, 1995, 198, 95-119.	0.7	14
1114	The Cell Cycle of Phytoplankton: Coupling Cell Growth to Population Growth. , 1995, , 303-322.		23
1115	Cell Cycle Regulation and Erythroid Differentiation. Current Topics in Microbiology and Immunology, 1996, 212, 175-194.	0.7	6
1116	Sperm-triggered Calcium Oscillations at Fertilization. , 2001, , 36-46.		1
1117	Cell Dynamics in Early Embryogenesis and Pluripotent Embryonic Cell Lines: From Sea Urchin to Mammals. , 2009, , 215-244.		1
1118	Factors controlling cyclin B expression. , 2000, , 133-146.		5
1119	The controls acting at mitosis in Schizosaccharomyces pombe. , 1993, , 1-7.		2
1120	A p34cdc2-based cell cycle: its significance in monocotyledonous, dicotyledonous and unicellular plants. , 1993, , 9-34.		17
1121	Key components of cell cycle control during auxin-induced cell division. , 1993, , 111-131.		17
1122	Cyclins and gap junctions in liver growth and repair. , 1998, , 311-365.		1
1124	INTRACELLULAR MESSENGERS AND THE CONTROL OF PROTEIN SYNTHESIS. , 1993, , 447-483.		3
1125	Maternal Messenger RNA: Quantitative, Qualitative, and Spatial Control of Its Expression in Embryos. , 1985, , 401-452.		5
1126	Cyclins and Regulation of the Cell Cycle in Early Embryos. , 1989, , 211-232.		5

#	ARTICLE	IF	CITATIONS
1127	Changes in Gene Activity Early after Fertilization. , 1989, , 303-322.		2
1128	Cell Division. , 1991, , 341-436.		5
1129	The molecular basis of mesophyll cell development. , 1992, , 313-336.		4
1130	Cell cycle-dependent expression of mammalian ribonucleotide reductase. Differential regulation of the two subunits.. Journal of Biological Chemistry, 1985, 260, 9114-9116.	1.6	239
1131	Kinetic characterization of a prestart cell division control step in yeast. Implications for the mechanism of alpha-factor-induced division arrest.. Journal of Biological Chemistry, 1990, 265, 21652-21663.	1.6	10
1132	Inhibition of intra-Golgi transport in vitro by mitotic kinase.. Journal of Biological Chemistry, 1993, 268, 4050-4054.	1.6	47
1133	Methylated ubiquitin inhibits cyclin degradation in clam embryo extracts.. Journal of Biological Chemistry, 1991, 266, 16376-16379.	1.6	224
1134	Regulation of human thymidine kinase during the cell cycle.. Journal of Biological Chemistry, 1988, 263, 8350-8358.	1.6	365
1135	Regulation of Proliferating Cell Nuclear Antigen during the Cell Cycle. Journal of Biological Chemistry, 1989, 264, 13856-13864.	1.6	377
1136	Biochemical characterization of the p342 protein kinase component of purified maturation-promoting factor from Xenopus eggs. Journal of Biological Chemistry, 1989, 264, 19577-19582.	1.6	50
1137	Regulation of cAMP-mediated gene transcription by wild type and mutated G-protein alpha subunits. Inhibition of adenylyl cyclase activity by muscarinic receptor-activated and constitutively activated G(o) alpha.. Journal of Biological Chemistry, 1994, 269, 29146-29152.	1.6	28
1138	Cyclin A and cyclin B dissociate from p34cdc2 with half-times of 4 and 15 h, respectively, regardless of the phase of the cell cycle.. Journal of Biological Chemistry, 1994, 269, 29153-29160.	1.6	30
1139	Synthesis of unique low molecular weight proteins during late G2 and mitosis.. Journal of Biological Chemistry, 1985, 260, 695-698.	1.6	16
1140	Characterization of the in vitro reconstituted cyclin A or B1-dependent cdk2 and cdc2 kinase activities.. Journal of Biological Chemistry, 1993, 268, 20443-20451.	1.6	33
1142	The ubiquitinâ€“proteasome system and cancer. Essays in Biochemistry, 2005, 41, 187-203.	2.1	36
1143	The ubiquitinâ€“proteasome system and cancer. Essays in Biochemistry, 2005, 41, 187.	2.1	44
1144	cdc2 and the regulation of mitosis: six interacting mcs genes.. Genetics, 1989, 122, 773-782.	1.2	106
1145	stf1: non-wee mutations epistatic to cdc25 in the fission yeast Schizosaccharomyces pombe.. Genetics, 1990, 126, 309-315.	1.2	35

#	ARTICLE	IF	CITATIONS
1146	Twenty-five years of cell cycle genetics.. <i>Genetics</i> , 1991, 129, 975-980.	1.2	92
1147	Specialization of B-type cyclins for mitosis or meiosis in <i>S. cerevisiae</i> .. <i>Genetics</i> , 1995, 140, 957-963.	1.2	78
1148	A Review of Tumor Suppressor Genes in Cutaneous Neoplasms With Emphasis on Cell Cycle Regulators. <i>American Journal of Dermatopathology</i> , 1998, 20, 302-313.	0.3	11
1149	Productive herpesvirus lytic replication in primary effusion lymphoma cells requires S-phase entry. <i>Journal of General Virology</i> , 2020, 101, 873-883.	1.3	6
1156	Whose end is destruction: cell division and the anaphase-promoting complex. <i>Genes and Development</i> , 1999, 13, 2039-2058.	2.7	616
1157	Splitting the Nucleus: What's Wrong with the Tripartite Ring Model?. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2010, 75, 375-388.	2.0	2
1158	Simian virus 40 large T antigen associates with cyclin A and p33cdk2. <i>Journal of Virology</i> , 1993, 67, 6551-6557.	1.5	46
1159	The adenovirus E1A-associated kinase consists of cyclin E-p33cdk2 and cyclin A-p33cdk2. <i>Journal of Virology</i> , 1993, 67, 2456-2465.	1.5	82
1160	Alteration of cell cycle kinase complexes in human papillomavirus E6- and E7-expressing fibroblasts precedes neoplastic transformation. <i>Journal of Virology</i> , 1996, 70, 999-1008.	1.5	76
1161	Cell Cycle Arrest Caused by <i>CLN</i> Gene Deficiency in <i>Saccharomyces cerevisiae</i> Resembles START-I Arrest and Is Independent of the Mating-Pheromone Signalling Pathway. <i>Molecular and Cellular Biology</i> , 1990, 10, 6482-6490.	1.1	95
1162	Periodic biosynthesis of the human M-phase promoting factor catalytic subunit p34 during the cell cycle. <i>Molecular and Cellular Biology</i> , 1990, 10, 3847-3851.	1.1	31
1163	Cell Cycle Regulation of Thymidine Kinase: Residues Near the Carboxyl Terminus Are Essential for the Specific Degradation of the Enzyme at Mitosis. <i>Molecular and Cellular Biology</i> , 1991, 11, 2538-2546.	1.1	47
1164	Protein Synthesis Requirements for Nuclear Division, Cytokinesis, and Cell Separation in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 1991, 11, 3691-3698.	1.1	42
1165	Sequences Within the Conserved Cyclin Box of Human Cyclin A are Sufficient for Binding to and Activation of cdc2 Kinase. <i>Molecular and Cellular Biology</i> , 1993, 13, 1194-1201.	1.1	51
1166	Mitotic Arrest Caused by the Amino Terminus of <i>Xenopus</i> Cyclin B2. <i>Molecular and Cellular Biology</i> , 1993, 13, 1480-1488.	1.1	20
1167	Differential Function and Expression of <i>Saccharomyces cerevisiae</i> B-type Cyclins in Mitosis and Meiosis. <i>Molecular and Cellular Biology</i> , 1993, 13, 2113-2125.	1.1	100
1168	Cell Cycle Regulation of the Yeast Cdc7 Protein Kinase by Association With the Dbf4 Protein. <i>Molecular and Cellular Biology</i> , 1993, 13, 2899-2908.	1.1	154
1169	Interaction between the Cig1 and Cig2 B-type cyclins in the fission yeast cell cycle. <i>Molecular and Cellular Biology</i> , 1994, 14, 768-776.	1.1	39

#	ARTICLE	IF	CITATIONS
1170	Following the cytokine signaling pathway to leukemogenesis: a chronology. <i>Journal of Clinical Investigation</i> , 2008, 118, 3564-3573.	3.9	15
1171	An RNA-binding protein from <i>Xenopus</i> oocytes is associated with specific message sequences. <i>Development (Cambridge)</i> , 1987, 101, 741-749.	1.2	27
1172	Meiosis reinitiation in the mollusc <i>Patella vulgata</i> . Regulation of MPF, CSF and chromosome condensation activity by intracellular pH, protein synthesis and phosphorylation. <i>Development (Cambridge)</i> , 1988, 102, 505-516.	1.2	56
1173	The control of DNA replication in a cell-free extract that recapitulates a basic cell cycle <i>in vitro</i> . <i>Development (Cambridge)</i> , 1988, 103, 553-566.	1.2	85
1174	Presence of cdc2+ like proteins in the preimplantation mouse embryo. <i>Development (Cambridge)</i> , 1989, 107, 481-487.	1.2	13
1175	The induction of oocyte maturation: transmembrane signaling events and regulation of the cell cycle. <i>Development (Cambridge)</i> , 1989, 107, 685-699.	1.2	176
1176	Calcium and cell cycle control. <i>Development (Cambridge)</i> , 1990, 108, 525-542.	1.2	397
1177	<i>In vivo</i> regulation of MPF in <i>Xenopus</i> oocytes. <i>Development (Cambridge)</i> , 1990, 109, 149-156.	1.2	4
1178	Two distinct mechanisms localise cyclin B transcripts in syncytial <i>Drosophila</i> embryos. <i>Development (Cambridge)</i> , 1990, 110, 1249-1261.	1.2	102
1179	Activation of p34cdc2 protein kinase activity in meiotic and mitotic cell cycles in mouse oocytes and embryos. <i>Development (Cambridge)</i> , 1991, 113, 789-795.	1.2	227
1180	3' non-translated sequences in <i>Drosophila</i> cyclin B transcripts direct posterior pole accumulation late in oogenesis and peri-nuclear association in syncytial embryos. <i>Development (Cambridge)</i> , 1992, 115, 989-997.	1.2	82
1181	Activity and expression pattern of cyclin-dependent kinase 5 in the embryonic mouse nervous system. <i>Development (Cambridge)</i> , 1993, 119, 1029-1040.	1.2	407
1182	A POU gene required for early cleavage and protein accumulation in the sea urchin embryo. <i>Development (Cambridge)</i> , 1994, 120, 1929-1935.	1.2	12
1183	A distinct cyclin A is expressed in germ cells in the mouse. <i>Development (Cambridge)</i> , 1996, 122, 53-64.	1.2	192
1184	Sperm-triggered calcium oscillations during meiosis in ascidian oocytes first pause, restart, then stop: correlations with cell cycle kinase activity. <i>Development (Cambridge)</i> , 1998, 125, 4451-4459.	1.2	58
1185	Cyclin synthesis controls the progression of meiotic maturation in mouse oocytes. <i>Development (Cambridge)</i> , 1998, 125, 4989-4997.	1.2	96
1186	EST analysis of gene expression in early cleavage-stage sea urchin embryos*. <i>Development (Cambridge)</i> , 1999, 126, 3857-3867.	1.2	66
1187	Sperm-induced calcium oscillations at fertilisation in ascidians are controlled by cyclin B1-dependent kinase activity. <i>Development (Cambridge)</i> , 2000, 127, 631-641.	1.2	70



#	ARTICLE	IF	CITATIONS
1188	Regulation of p34cdc2 protein kinase: new insights into protein phosphorylation and the cell cycle. <i>Journal of Cell Science</i> , 1991, 100, 409-414.	1.2	56
1189	Cytoplasmic accumulation of cyclin B1 in human cells: Association with a detergent-resistant compartment and with the centrosome. <i>Journal of Cell Science</i> , 1992, 101, 529-545.	1.2	195
1190	Colcemid and the mitotic cycle. <i>Journal of Cell Science</i> , 1992, 102, 387-392.	1.2	190
1191	Nuclear localization of vertebrate cyclin a correlates with its ability to form complexes with cdk catalytic subunits. <i>Journal of Cell Science</i> , 1993, 106, 535-544.	1.2	84
1192	Distinct roles of cdk2 and cdc2 in RP-A phosphorylation during the cell cycle. <i>Journal of Cell Science</i> , 1993, 106, 983-994.	1.2	124
1193	Expression of N-terminally truncated cyclin B in the <i>Drosophila</i> larval brain leads to mitotic delay at late anaphase. <i>Journal of Cell Science</i> , 1994, 107, 2729-2738.	1.2	47
1194	Overexpression of a truncated cyclin B gene arrests <i>Dictyostelium</i> cell division during mitosis. <i>Journal of Cell Science</i> , 1994, 107, 3105-3114.	1.2	34
1195	Analysis of the <i>Schizosaccharomyces pombe</i> cyclin puc1: evidence for a role in cell cycle exit. <i>Journal of Cell Science</i> , 1994, 107, 601-613.	1.2	58
1196	A single p34cdc2 protein kinase (encoded by <i>nimX</i> /cdc2) is required at G1 and G2 in <i>Aspergillus nidulans</i> . <i>Journal of Cell Science</i> , 1994, 107, 1519-1528.	1.2	81
1197	<i>Caenorhabditis elegans</i> cyclin a- and b-type genes: A cyclin a multigene family, an ancestral cyclin b3 and differential germline expression. <i>Journal of Cell Science</i> , 1995, 108, 2415-2424.	1.2	55
1198	Cell cycle-dependent phosphorylation of the 77 kDa echinoderm microtubule-associated protein (EMAP) in vivo and association with the p34cdc2 kinase. <i>Journal of Cell Science</i> , 1996, 109, 2885-2893.	1.2	26
1199	Presence and expression of G2 cyclins in the coelenterate hydra. <i>Journal of Cell Science</i> , 1996, 109, 1063-1069.	1.2	15
1200	Activation of the <i>Xenopus</i> cyclin degradation machinery by full-length cyclin A. <i>Journal of Cell Science</i> , 1996, 109, 1071-1079.	1.2	10
1201	<i>Xenopus</i> cyclin E, a nuclear phosphoprotein, accumulates when oocytes gain the ability to initiate DNA replication. <i>Journal of Cell Science</i> , 1996, 109, 1173-1184.	1.2	40
1202	Do growth and cell division rates determine cell size in multicellular organisms?. <i>Journal of Cell Science</i> , 2000, 113, 2927-2934.	1.2	77
1203	Evidence for a role of the $\beta$ -tubulin C terminus in the regulation of cyclin B synthesis in developing oocytes. <i>Journal of Cell Science</i> , 2001, 114, 887-898.	1.2	10
1204	From Cdc2 to Cdk1: when did the cell cycle kinase join its cyclin partner?. <i>Journal of Cell Science</i> , 2002, 115, 2461-2464.	1.2	217
1205	Mitotic control by metaphase-promoting factor and <i>Cdc</i> proteins. <i>Journal of Cell Science</i> , 1989, 92, 131-135.	1.2	119

#	ARTICLE	IF	CITATIONS
1206	Mitosis in <i>Drosophila</i> . Journal of Cell Science, 1989, 92, 137-146.	1.2	62
1207	Anaphase onset and dephosphorylation of mitotic phosphoproteins occur concomitantly. Journal of Cell Science, 1989, 94, 245-258.	1.2	85
1208	Commentary dna polymerase $\delta$ /PCNA: Actions and interactions. Journal of Cell Science, 1990, 95, 1-4.	1.2	116
1209	Cell cycle regulation of p34 <i>cdc2</i> kinase activity in <i>Physarum polycephalum</i> . Journal of Cell Science, 1990, 96, 683-689.	1.2	22
1210	Conserved structural motifs in cyclins identified by sequence analysis. Journal of Cell Science, 1991, 99, 669-674.	1.2	96
1211	Proliferative Potential of Endometrial Stromal Cells, and Endometrial and Placental Expression of Cyclin in the Bovine. Journal of Reproduction and Development, 2003, 49, 553-560.	0.5	15
1212	Recent advances in understanding the role of Cdk1 in the Spindle Assembly Checkpoint. F1000Research, 2020, 9, 57.	0.8	19
1213	Developmental Regulation of Nucleolus Size during <i>Drosophila</i> Eye Differentiation. PLoS ONE, 2013, 8, e58266.	1.1	15
1214	Cyclin B Translation Depends on mTOR Activity after Fertilization in Sea Urchin Embryos. PLoS ONE, 2016, 11, e0150318.	1.1	18
1215	Cyclin Y-mediated transcript profiling reveals several important functional pathways regulated by Cyclin Y in hippocampal neurons. PLoS ONE, 2017, 12, e0172547.	1.1	11
1216	Indole itself and its novel derivative affect PML cells proliferation via controlling the expression of cell cycle genes. Cellular and Molecular Biology, 2019, 65, 41.	0.3	4
1217	Role of p27Kip1 as a transcriptional regulator. Oncotarget, 2018, 9, 26259-26278.	0.8	32
1218	Arsenic trioxide inhibits glioma cell growth through induction of telomerase displacement and telomere dysfunction. Oncotarget, 2016, 7, 12682-12692.	0.8	31
1219	Inhibiting Cell Cycle Kinases in Cancer Therapy. , 2012, , 154-188.		1
1220	Clinical Application of Flow Cytometry to Urological Malignancies.. Keio Journal of Medicine, 1996, 45, 73-80.	0.5	2
1221	Protein dephosphorylation and the intracellular control of the cell number. Frontiers in Bioscience - Landmark, 1999, 4, d22.	3.0	42
1222	Inhibitory effect of dihydromyricetin on the proliferation of JAR cells and its mechanism of action. Oncology Letters, 2020, 20, 357-363.	0.8	10
1223	Function of p21 and its therapeutic effects in esophageal cancer (Review). Oncology Letters, 2020, 21, 136.	0.8	15

#	ARTICLE	IF	CITATIONS
1224	Mitotic Cycle Regulation. I. Oscillations and Bistability. , 2021, , 1-17.		0
1225	Stress Relief Techniques: p38 MAPK Determines the Balance of Cell Cycle and Apoptosis Pathways. Biomolecules, 2021, 11, 1444.	1.8	34
1226	Oocyte Maturation In Vivo and In Vitro: Principles of Regulation. , 2000, , 503-516.		0
1227	â€¦ still cycling. Journal of Cell Science, 2001, 114, 3953-3954.	1.2	0
1230	Zellbiologische Grundlagen. , 2002, , 3-30.		0
1234	The Ubiquitin System and Some of Its Roles in Cell Cycle Control. , 2002, , 1-9.		0
1236	The pineapple eye Gene Is Required for Survival of Drosophila Imaginal Disc Cells. Genetics, 2003, 165, 1869-1879.	1.2	11
1237	Expression, Localisation and Stability of Mitotic Cyclins in Tobacco BY-2 Cells. Biotechnology in Agriculture and Forestry, 2004, , 52-65.	0.2	0
1238	Regulation of <i>CYCL</i> /Cyclin D Genes by Colonyâ€¦stimulating Factor 1. Novartis Foundation Symposium, 1992, 170, 209-219.	1.2	11
1239	DNA Replication and Progression Through the Cell Cycle. Novartis Foundation Symposium, 1992, 170, 161-186.	1.2	2
1240	G1 Control in Yeast and Animal Cells. Novartis Foundation Symposium, 1992, 170, 7-19.	1.2	6
1241	Cyclin-Dependent Kinases and Their Regulators as Potential Targets for Anticancer Therapeutics. , 2008, , 207-237.		0
1243	Cell Cycle Control of Stem Cell Fate. , 2008, , 63-91.		1
1244	Cell Cycle Regulation and DNA Damage. , 2009, , 81-107.		0
1245	Proteomics of M-phase entry: &#8216;Omen&#8217; vs. &#8216;Omre&#8217;; the battle for oocyte quality and beyond. Folia Histochemica Et Cytobiologica, 2011, 49, 1-7.	0.6	1
1246	Genomics in the Sea Urchin: New Perspectives on a Perennial Model System. , 2012, , 1-15.		0
1247	Phospho-Signaling at Oocyte Maturation and Fertilization: Set Up for Embryogenesis and Beyond Part II. Kinase Regulators and Substrates. , 0, , .		0
1248	Cell Cycle. , 2013, , 220-231.		0

#	ARTICLE	IF	CITATIONS
1250	Control of the Cell Cycle. , 2014, , 52-68.e6.		3
1252	The Cytostatic Factor (CSF) that Causes Metaphase Arrest in Amphibian Eggs. , 1990, , 35-44.		0
1253	Starfish Oocytes and Sea Urchin Eggs as Models to Study the Intracellular Mechanisms Controlling the Cell Division Cycle. , 1990, , 243-255.		0
1254	Functions of Intracellular Protein Degradation in Yeast. , 1991, 13, 307-329.		2
1255	Characterization of a Candidate <i>bcl-1</i> Gene. Molecular and Cellular Biology, 1991, 11, 4846-4853.	1.1	102
1256	Regulation of the Eukaryotic Cell Cycle. , 1992, , 1-26.		1
1257	The Involvement of cdc2 in Cell Cycle Control of DNA Replication in Xenopus Egg Extracts. , 1992, , 49-58.		0
1258	Regulation of the Eukaryotic Cell Cycle. , 1992, , 1-26.		0
1259	The Control of Mitotic Division. , 1992, , 49-71.		0
1261	In Vitro Cell Cycle Arrest Induced by Using Artificial DNA Templates. Molecular and Cellular Biology, 1992, 12, 3216-3223.	1.1	23
1262	Toward an Understanding of the Eukaryotic Cell Cycle: A Biochemical Approach. , 1993, , 60-78.		1
1263	On the importance of protein phosphorylation in cell cycle control. , 1993, , 267-281.		5
1264	Regulating the G2 Checkpoint in the Cell Cycle. , 1993, , 331-341.		0
1265	Inactivation of cdc2 kinase during mitosis requires regulated and constitutive proteins in a cell-free system. Journal of Cell Science, 1993, 104, 873-881.	1.2	3
1266	Possible Role of the Multi Catalytic Proteinase (Proteasome) in Regulating of the Cell Cycle. , 1994, , 203-209.		1
1267	Control of cell proliferation during plant development. , 1994, , 53-67.		0
1268	The Localisation of Human Cyclins and CDKS in the Cell Cycle. , 1994, , 189-195.		0
1269	Cell Cycle Regulation in Normal Versus Leukemic T Cells. , 1994, , 347-357.		0

#	ARTICLE	IF	CITATIONS
1270	p16 Family Inhibitors of Cyclin-Dependent Kinases. , 1996, , 57-82.		0
1271	Oocyte Maturation In Vivo and In Vitro: Principles of Regulation. , 1997, , 350-362.		1
1272	Cell Cycle Regulatory Proteins as Targets of Oncogenic Events. , 1997, , 233-245.		0
1273	Acquisition of Meiotic Competence during Oocyte Growth in Mammals.. Journal of Mammalian Ova Research, 1997, 14, 117-124.	0.1	3
1274	Cyclin D1 in breast cancer. , 1998, , 91-105.		0
1275	Mechanisms of Cell Cycle Blocks at the G2/M Transition and Their Role in Differentiation and Development. Progress in Molecular and Subcellular Biology, 1998, 20, 73-100.	0.9	0
1276	Control of Cell Proliferation During Development and Animal Evolution. , 1998, , 1-27.		0
1277	Structure of yellow lupine genes coding for mitotic cyclins.. Acta Biochimica Polonica, 1999, 46, 759-769.	0.3	0
1279	Principles of Normal Histology and Related Cell Biology. , 2015, , 391-416.		0
1280	Il ciclo cellulare: cos'Ä, come Ä stato e come sarÄ studiato. Giornale De Tecniche Nefrologiche & Dialitiche, 2015, 27, 115-118.	0.1	0
1281	Certain Amplified Genomic-DNA Fragments (AGFs) May Be Involved in Cell Cycle Progression and Chloroquine Is Found to Induce the Production of Cell-Cycle-Associated AGFs (CAGFs) in Plasmodium falciparum. Open Access Library Journal (oalib), 2016, 03, 1-7.	0.1	5
1282	Cyclin B. , 2016, , 1-6.		0
1283	From Bio 101 to Pillars of Biology: A Pedagogical Experiment. The Einstein Journal of Biology and Medicine: EJB, 2016, 27, 86.	0.2	0
1284	Zellzyklus. , 0, , 1087-1154.		0
1286	Cyclin B. , 2018, , 1259-1264.		0
1294	Fortpflanzung von Zellen. , 2005, , 713-769.		0
1297	Cell Cycle Regulators and Vascular Proliferative Diseases. , 2007, , 199-212.		0
1298	Fertilization Triggers Unmasking of Maternal mRNAs in Sea Urchin Eggs. Molecular and Cellular Biology, 1987, 7, 3947-3954.	1.1	15

#	ARTICLE	IF	CITATIONS
1299	Regulation of Cell Division in Arabidopsis. <i>Critical Reviews in Plant Sciences</i> , 1996, 15, 97-112.	2.7	15
1304	Destruction of <i>Xenopus</i> cyclins A and B2, but not B1, requires binding to p34cdc2. <i>EMBO Journal</i> , 1994, 13, 584-94.	3.5	40
1305	Identification of a novel vertebrate cyclin: cyclin B3 shares properties with both A- and B-type cyclins. <i>EMBO Journal</i> , 1994, 13, 595-605.	3.5	58
1306	Human cyclin F. <i>EMBO Journal</i> , 1994, 13, 6087-98.	3.5	76
1307	Evidence for post-transcriptional regulation of cyclin B1 mRNA in the cell cycle and following irradiation in HeLa cells. <i>EMBO Journal</i> , 1995, 14, 603-9.	3.5	38
1308	The NIMA protein kinase is hyperphosphorylated and activated downstream of p34cdc2/cyclin B: coordination of two mitosis promoting kinases. <i>EMBO Journal</i> , 1995, 14, 986-94.	3.5	53
1309	Mitotic destruction of the cell cycle regulated NIMA protein kinase of <i>Aspergillus nidulans</i> is required for mitotic exit. <i>EMBO Journal</i> , 1995, 14, 995-1003.	3.5	38
1310	Cyclin is a component of the sea urchin egg M-phase specific histone H1 kinase. <i>EMBO Journal</i> , 1989, 8, 2275-82.	3.5	96
1311	MPF from starfish oocytes at first meiotic metaphase is a heterodimer containing one molecule of cdc2 and one molecule of cyclin B. <i>EMBO Journal</i> , 1989, 8, 3053-8.	3.5	179
1312	A post-ribosomal supernatant from activated <i>Xenopus</i> eggs that displays post-translationally regulated oscillation of its cdc2+ mitotic kinase activity. <i>EMBO Journal</i> , 1989, 8, 3059-69.	3.5	48
1313	A- and B-type cyclins differentially modulate substrate specificity of cyclin-cdk complexes. <i>EMBO Journal</i> , 1993, 12, 1947-54.	3.5	79
1314	Destruction of the CDC28/CLB mitotic kinase is not required for the metaphase to anaphase transition in budding yeast. <i>EMBO Journal</i> , 1993, 12, 1969-78.	3.5	234
1315	A new pair of B-type cyclins from <i>Saccharomyces cerevisiae</i> that function early in the cell cycle. <i>EMBO Journal</i> , 1993, 12, 3437-47.	3.5	52
1316	The metaphase II arrest in mouse oocytes is controlled through microtubule-dependent destruction of cyclin B in the presence of CSF. <i>EMBO Journal</i> , 1993, 12, 3773-8.	3.5	48
1317	Two S-phase checkpoint systems, one involving the function of both BIME and Tyr15 phosphorylation of p34cdc2, inhibit NIMA and prevent premature mitosis. <i>EMBO Journal</i> , 1996, 15, 3599-610.	3.5	35
1318	The proteolysis of mitotic cyclins in mammalian cells persists from the end of mitosis until the onset of S phase. <i>EMBO Journal</i> , 1996, 15, 5280-9.	3.5	118
1319	Cyclin B in <i>Xenopus</i> oocytes: implications for the mechanism of pre-MPF activation. <i>EMBO Journal</i> , 1991, 10, 177-82.	3.5	54
1320	Differential phosphorylation of vertebrate p34cdc2 kinase at the G1/S and G2/M transitions of the cell cycle: identification of major phosphorylation sites. <i>EMBO Journal</i> , 1991, 10, 305-16.	3.5	165

#	ARTICLE	IF	CITATIONS
1321	Cyclin promotes the tyrosine phosphorylation of p34cdc2 in a wee1+ dependent manner. EMBO Journal, 1991, 10, 1255-63.	3.5	98
1322	Loss of RCC1, a nuclear DNA-binding protein, uncouples the completion of DNA replication from the activation of cdc2 protein kinase and mitosis. EMBO Journal, 1991, 10, 1555-64.	3.5	69
1323	A new human p34 protein kinase, CDK2, identified by complementation of a cdc28 mutation in Saccharomyces cerevisiae, is a homolog of Xenopus Eg1. EMBO Journal, 1991, 10, 2653-9.	3.5	96
1324	Isolation and characterization of cDNA clones for plant cyclins. EMBO Journal, 1991, 10, 2681-8.	3.5	59
1325	Regulatory phosphorylation of the p34cdc2 protein kinase in vertebrates. EMBO Journal, 1991, 10, 3321-9.	3.5	196
1326	Mutations of p34cdc2 phosphorylation sites induce premature mitotic events in HeLa cells: evidence for a double block to p34cdc2 kinase activation in vertebrates. EMBO Journal, 1991, 10, 3331-41.	3.5	124
1327	The role of cyclins in the maturation of Patella vulgata oocytes. EMBO Journal, 1991, 10, 3343-9.	3.5	12
1328	A cyclin-abundance cycle-independent p34cdc2 tyrosine phosphorylation cycle in early sea urchin embryos. EMBO Journal, 1991, 10, 3769-75.	3.5	7
1329	Both cyclin A delta 60 and B delta 97 are stable and arrest cells in M-phase, but only cyclin B delta 97 turns on cyclin destruction. EMBO Journal, 1991, 10, 4311-20.	3.5	92
1330	The WHI1+ gene of Saccharomyces cerevisiae tethers cell division to cell size and is a cyclin homolog. EMBO Journal, 1988, 7, 4335-46.	3.5	295
1331	Cdc2 H1 kinase is negatively regulated by a type 2A phosphatase in the Xenopus early embryonic cell cycle: evidence from the effects of okadaic acid. EMBO Journal, 1990, 9, 675-83.	3.5	91
1332	The A- and B-type cyclin associated cdc2 kinases in Xenopus turn on and off at different times in the cell cycle. EMBO Journal, 1990, 9, 2865-75.	3.5	149
1333	The recognition component of the N-end rule pathway. EMBO Journal, 1990, 9, 3179-89.	3.5	166
1334	Complementation of fission yeast cdc2ts and cdc25ts mutants identifies two cell cycle genes from Drosophila: a cdc2 homologue and string. EMBO Journal, 1990, 9, 3565-71.	3.5	65
1335	Drosophila cdc2 homologs: a functional homolog is coexpressed with a cognate variant. EMBO Journal, 1990, 9, 3573-81.	3.5	82
1336	Okadaic acid, a potent inhibitor of type 1 and type 2A protein phosphatases, activates cdc2/H1 kinase and transiently induces a premature mitosis-like state in BHK21 cells. EMBO Journal, 1990, 9, 4331-8.	3.5	74
1337	The A- and B-type cyclins of Drosophila are accumulated and destroyed in temporally distinct events that define separable phases of the G2-M transition. EMBO Journal, 1990, 9, 2563-72.	3.5	111
1338	Molecular cloning and characterization of the mRNA for cyclin from sea urchin eggs. EMBO Journal, 1987, 6, 2987-95.	3.5	68

#	ARTICLE	IF	CITATIONS
1339	Double-stranded DNA induces the phosphorylation of several proteins including the 90 000 mol. wt. heat-shock protein in animal cell extracts. <i>EMBO Journal</i> , 1985, 4, 139-45.	3.5	54
1340	Cyclin A- and cyclin B-dependent protein kinases are regulated by different mechanisms in <i>Xenopus</i> egg extracts. <i>EMBO Journal</i> , 1992, 11, 1751-61.	3.5	30
1341	The Cln3-Cdc28 kinase complex of <i>S. cerevisiae</i> is regulated by proteolysis and phosphorylation. <i>EMBO Journal</i> , 1992, 11, 1773-84.	3.5	252
1342	Differential occurrence of CSF-like activity and transforming activity of Mos during the cell cycle in fibroblasts. <i>EMBO Journal</i> , 1992, 11, 2447-56.	3.5	13
1343	A family of human cdc2-related protein kinases. <i>EMBO Journal</i> , 1992, 11, 2909-17.	3.5	286
1344	Sensory mother cell division is specifically affected in a Cyclin-A mutant of <i>Drosophila melanogaster</i> . <i>EMBO Journal</i> , 1992, 11, 2935-9.	3.5	4
1345	Activation of p42 MAP kinase and the release of oocytes from cell cycle arrest. <i>EMBO Journal</i> , 1992, 11, 3963-75.	3.5	31
1346	The bacteriophage T4 gene for the small subunit of ribonucleotide reductase contains an intron. <i>EMBO Journal</i> , 1986, 5, 2031-6.	3.5	40
1351	Mutations of cell cycle regulators. Biological and clinical implications for human neoplasia. <i>American Journal of Pathology</i> , 1995, 147, 545-60.	1.9	344
1352	Cell-cycle-related staining patterns of anti-proliferating cell nuclear antigen monoclonal antibodies. Comparison with BrdUrd labeling and Ki-67 staining. <i>American Journal of Pathology</i> , 1991, 138, 1165-72.	1.9	178
1353	Immunocytochemical characterization of a monoclonal antibody that recognizes mitosing cells. <i>American Journal of Pathology</i> , 1985, 121, 275-83.	1.9	19
1358	Cyclin E: a potential treatment target to reverse cancer chemoresistance by regulating the cell cycle. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 5170-5187.	0.0	5
1359	Regulation of Cell Cycle Progression by Growth Factor-Induced Cell Signaling. <i>Cells</i> , 2021, 10, 3327.	1.8	76
1360	Genome-Wide Analysis of the Cyclin-Dependent Kinases (CDK) and Cyclin Family in Molluscs. <i>Journal of Ocean University of China</i> , 2021, 20, 1469-1482.	0.6	0
1361	Cell Cycle Dysregulation and Renal Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 714320.	1.8	10
1363	Genome-Wide Identification and Analysis of Cell Cycle Genes in Birch. <i>Forests</i> , 2022, 13, 120.	0.9	1
1364	Cell Cycle Regulation by Heat Shock Transcription Factors. <i>Cells</i> , 2022, 11, 203.	1.8	7
1365	From the Belousov-Zhabotinsky reaction to biochemical clocks, traveling waves and cell cycle regulation. <i>Biochemical Journal</i> , 2022, 479, 185-206.	1.7	5



#	ARTICLE	IF	CITATIONS
1366	Cancer and cell cycle. , 2022, , 91-102.		0
1367	Quantitative profiling of adaptation to cyclin E overproduction. Life Science Alliance, 2022, 5, e202201378.	1.3	9
1368	A Journey through Time on the Discovery of Cell Cycle Regulation. Cells, 2022, 11, 704.	1.8	15
1369	Digital Marine: An online platform for blended learning in a marine experimental biology module, the Schmid Training Course. BioEssays, 2022, , 2100264.	1.2	0
1371	Signalling dynamics, cell decisions, and homeostatic control in health and disease. Current Opinion in Cell Biology, 2022, 75, 102066.	2.6	17
1373	Dinaciclib inhibits the stemness of two subtypes of human breast cancer cells by targeting the FoxM1 and Hedgehog signaling pathway. Oncology Reports, 2022, 47, .	1.2	6
1374	Dissecting Layers of Mitotic Regulation Essential for Maintaining Genomic Stability. , 2007, , 37-73.		0
1375	Yeast as a Tool in Cancer Research: Nuclear Trafficking. , 2007, , 75-100.		0
1382	<scp>TrBase</scp>: A genome and transcriptome database of <i>Temnopleurus reevesii</i>. Development Growth and Differentiation, 2022, 64, 210-218.	0.6	5
1383	Mechanochemical Principles of Spatial and Temporal Patterns in Cells and Tissues. Annual Review of Cell and Developmental Biology, 2022, 38, 321-347.	4.0	34
1384	Detection of p34cdc2- and cyclin B-like proteins in <i>Dunaliella tertiolecta</i> (Chlorophyceae). Marine Biology, 1996, 125, 603-610.	0.7	10
1385	Physiological Functions of Intracellular Protein Degradation. Annual Review of Cell and Developmental Biology, 2022, 38, 241-262.	4.0	6
1386	Marine genomics, transcriptomics, and beyond in developmental, cell, and evolutionary biology. Development Growth and Differentiation, 2022, 64, 196-197.	0.6	0
1388	Programmed development in the mouse embryo. Development (Cambridge), 1984, 83, 197-231.	1.2	17
1389	Sequence and regulation of morphological and molecular events during the first cell cycle of mouse embryogenesis. Development (Cambridge), 1985, 87, 175-206.	1.2	56
1390	Protein requirements for germinal vesicle breakdown in ovine oocytes. Development (Cambridge), 1986, 94, 207-220.	1.2	0
1391	The timing of compaction: control of a major developmental transition in mouse early embryogenesis. Development (Cambridge), 1986, 95, 213-237.	1.2	33
1392	Generation of a homozygous mutant drug transporter (ABCB1) knockout line in the sea urchin <i>Lytechinus pictus</i>. Development (Cambridge), 2022, 149, .	1.2	13

#	ARTICLE	IF	CITATIONS
1393	Degradation-driven protein level oscillation in the yeast <i>Saccharomyces cerevisiae</i> . <i>BioSystems</i> , 2022, 219, 104717.	0.9	1
1394	The Role of the APC/C and Its Coactivators Cdh1 and Cdc20 in Cancer Development and Therapy. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	10
1395	Cyclins and cyclin-dependent kinases: from biology to tumorigenesis and therapeutic opportunities. <i>Journal of Cancer Research and Clinical Oncology</i> , 2023, 149, 1585-1606.	1.2	9
1397	Keeping development on time: Insights into post-transcriptional mechanisms driving oscillatory gene expression during vertebrate segmentation. <i>Wiley Interdisciplinary Reviews RNA</i> , 0, , .	3.2	4
1398	Marine animal evolutionary developmental biology—Advances through technology development. <i>Evolutionary Applications</i> , 2023, 16, 580-588.	1.5	5
1399	Editorial to Summarize the Papers Published in the Special Issue “10th Anniversary of Cells” Advances in Cell Cycle. <i>Cells</i> , 2022, 11, 2437.	1.8	0
1401	Myristoylation-dependent palmitoylation of cyclin Y modulates long-term potentiation and spatial learning. <i>Progress in Neurobiology</i> , 2022, 218, 102349.	2.8	6
1402	Cell Division/Death: Cell Cycle “ Cyclins, Cyclin-Dependent Kinases, and Cyclin-Dependent Kinase Inhibitors. , 2022, , .		0
1403	Cell Cycle Progression and Synchronization: An Overview. <i>Methods in Molecular Biology</i> , 2022, , 3-23.	0.4	19
1404	Off the Clock: the Non-canonical Roles of Cyclin-Dependent Kinases in Neural and Glioma Stem Cell Self-Renewal. <i>Molecular Neurobiology</i> , 2022, 59, 6805-6816.	1.9	1
1405	Live imaging of echinoderm embryos to illuminate evo-devo. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	1
1406	eIF4B mRNA Translation Contributes to Cleavage Dynamics in Early Sea Urchin Embryos. <i>Biology</i> , 2022, 11, 1408.	1.3	1
1407	Study on the interaction preference between CYCD subclass and CDK family members at the poplar genome level. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
1408	100 years of the Warburg effect: a historical perspective. <i>Endocrine-Related Cancer</i> , 2022, 29, T1-T13.	1.6	6
1409	Multiple centrosomes enhance migration and immune cell effector functions of mature dendritic cells. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	6
1410	Genome-Wide Identification, Expression Profiling, and Characterization of Cyclin-like Genes Reveal Their Role in the Fertility of the Diamondback Moth. <i>Biology</i> , 2022, 11, 1493.	1.3	4
1411	Descriptive and functional analyses of four cyclin proteins in <i>Trichomonas vaginalis</i> . <i>Molecular and Biochemical Parasitology</i> , 2022, 252, 111528.	0.5	0
1412	Cyclin Y regulates spatial learning and memory flexibility through distinct control of the actin pathway. <i>Molecular Psychiatry</i> , 2023, 28, 1351-1364.	4.1	0

#	ARTICLE	IF	CITATIONS
1413	Therapeutic Strategies Targeting Pancreatic Islet $\beta$ -Cell Proliferation, Regeneration, and Replacement. <i>Endocrinology</i> , 2022, 164, .	1.4	0
1414	MRI Tracking of Marine Proliferating Cells In Vivo Using Anti-Oct4 Antibody-Conjugated Iron Nanoparticles for Precision in Regenerative Medicine. <i>Biosensors</i> , 2023, 13, 268.	2.3	3
1415	A review on regulation of cell cycle by extracellular matrix. <i>International Journal of Biological Macromolecules</i> , 2023, 232, 123426.	3.6	6
1416	A novel RHH family transcription factor aCcr1 and its viral homologs dictate cell cycle progression in archaea. <i>Nucleic Acids Research</i> , 2023, 51, 1707-1723.	6.5	6
1417	Introduction to Cell Cycle and Its Regulators. , 2023, , 53-82.		0
1422	Contributions of marine invertebrates to our understanding of human health and disease. , 2023, , 181-201.		1
1431	Selbstreproduktion: Zellteilung, Krebs, Stammzellen und Epigenetik. , 2023, , 293-329.		0