Sergio Moreno

List of Publications by Year
in descending order

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88 papers	14,841 citations	66343 42 h-index	58581 82 g-index
89 all docs	89 docs citations	89 times ranked	11858 citing authors

#	Article	IF	Citations
1	Efficient terminal erythroid differentiation requires the APC/C cofactor Cdh1 to limit replicative stress in erythroblasts. Scientific Reports, 2022, 12, .	3.3	1
2	RNA-Binding Protein Rnc1 Regulates Cell Length at Division and Acute Stress Response in Fission Yeast through Negative Feedback Modulation of the Stress-Activated Mitogen-Activated Protein Kinase Pathway. MBio, 2020, 11, .	4.1	9
3	Down-regulation of Cdk1 activity in G1 coordinates the G1/S gene expression programme with genome replication. Current Genetics, 2019, 65, 685-690.	1.7	9
4	Greatwall-Endosulfine: A Molecular Switch that Regulates PP2A/B55 Protein Phosphatase Activity in Dividing and Quiescent Cells. International Journal of Molecular Sciences, 2019, 20, 6228.	4.1	10
5	Nutritional cell cycle reprogramming reveals that inhibition of Cdk1 is required for proper MBF-dependent transcription. Journal of Cell Science, 2018, 131, .	2.0	6
6	Specific detection of fission yeast primary septum reveals septum and cleavage furrow ingression during early anaphase independent of mitosis completion. PLoS Genetics, 2018, 14, e1007388.	3.5	18
7	Shortage of dNTPs underlies altered replication dynamics and DNA breakage in the absence of the APC/C cofactor Cdh1. Oncogene, 2017, 36, 5808-5818.	5.9	19
8	Coupling TOR to the Cell Cycle by the Greatwallâ€“Endosulfineâ€“PP2A-B55 Pathway. Biomolecules, 2017, 7, 59.	4.0	23
9	Trabectedin. , 2017, , 4608-4612.		0
10	Nutrients control cell size. Cell Cycle, 2016, 15, 1655-1656.	2.6	11
11	Nutritional Control of Cell Size by the Greatwall-Endosulfine-PP2AÂ·B55 Pathway. Current Biology, 2016, 26, 319-330.	3.9	87
12	Fission Yeast Cell Cycle Synchronization Methods. Methods in Molecular Biology, 2016, 1369, 293-308.	0.9	11
13	Chromosome segregation and organization are targets of 5â€²-Fluorouracil in eukaryotic cells. Cell Cycle, 2015, 14, 206-218.	2.6	13
14	Trabectedin. , 2015, , 1-5.		0
15	The APC/C activator FZR1 is essential for meiotic prophase I in mice. Development (Cambridge), 2014, 141, 1354-1365.	2.5	24
16	Npl3, a new link between RNA-binding proteins and the maintenance of genome integrity. Cell Cycle, 2014, 13, 1524-1529.	2.6	8
17	The E3 ubiquitin ligase APC/C-Cdh1 coordinates neurogenesis and cortical size during development. Free Radical Biology and Medicine, 2014, 75, S4-S5.	2.9	4
18	Multiple functions of the noncanonical Wnt pathway. Trends in Genetics, 2013, 29, 545-553.	6.7	132

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19	APC/C-Cdh1 coordinates neurogenesis and cortical size during development. Nature Communications, 2013, 4, 2879.	12.8	82
20	Reduced Chromosome Cohesion Measured by Interkinetochore Distance Is Associated with Aneuploidy Even in Oocytes from Young Mice1. Biology of Reproduction, 2013, 88, 31.	2.7	22
21	The Npl3 hnRNP prevents R-loop-mediated transcriptionâ€“replication conflicts and genome instability. Genes and Development, 2013, 27, 2445-2458.	5.9	72
22	New Insights into the RNA-Based Mechanism of Action of the Anticancer Drug 5â€²-Fluorouracil in Eukaryotic Cells. PLoS ONE, 2013, 8, e78172.	2.5	35
23	CDK Inhibitors. , 2013, , 214-220.		0
24	The APC activator fizzy-related-1 (FZR1) is needed for preimplantation mouse embryo development. Journal of Cell Science, 2012, 125, 6030-6037.	2.0	10
25	Fission yeast TORC1 prevents eIF2Î± phosphorylation in response to nitrogen and amino acids via Gcn2 kinase. Journal of Cell Science, 2012, 125, 5955-5959.	2.0	38
26	APC^{FZR1}prevents nondisjunction in mouse oocytes by controlling meiotic spindle assembly timing. Molecular Biology of the Cell, 2012, 23, 3970-3981.	2.1	28
27	Chemical inactivation of Pat1. Cell Cycle, 2012, 11, 1875-1875.	2.6	1
28	AMPK phosphorylation by Ssp1 is required for proper sexual differentiation in fission yeast. Journal of Cell Science, 2012, 125, 2655-64.	2.0	32
29	The Vam6-Gtr1/Gtr2 pathway activates TORC1 in response to amino acids in fission yeast. Journal of Cell Science, 2012, 125, 1920-8.	2.0	52
30	Loss of the RhoGAP SRGP-1 promotes the clearance of dead and injured cells in Caenorhabditis elegans. Nature Cell Biology, 2011, 13, 79-86.	10.3	59
31	Lsm1 promotes genomic stability by controlling histone mRNA decay. EMBO Journal, 2011, 30, 2008-2018.	7.8	49
32	Functional interactions of Rec24, the fission yeast ortholog of mouse Mei4, with the meiotic recombinationâ€“initiation complex. Journal of Cell Science, 2011, 124, 1328-1338.	2.0	22
33	Disruption of the ATP-binding Cassette B7 (ABTM-1/ABCB7) Induces Oxidative Stress and Premature Cell Death in Caenorhabditis elegans. Journal of Biological Chemistry, 2011, 286, 21304-21314.	3.4	26
34	The APC/C activator FZR1 coordinates the timing of meiotic resumption during prophase I arrest in mammalian oocytes. Development (Cambridge), 2011, 138, 905-913.	2.5	54
35	Trabectedin. , 2011, , 3740-3744.		0
36	Targeting Mitotic Exit Leads to Tumor Regression InÂVivo: Modulation by Cdk1, Mastl, and the PP2A/B55Î±,Î´ Phosphatase. Cancer Cell, 2010, 18, 641-654.	16.8	188

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37	TOR and PKA Pathways Synergize at the Level of the Ste11 Transcription Factor to Prevent Mating and Meiosis in Fission Yeast. PLoS ONE, 2010, 5, e11514.	2.5	25
38	ccz-1mediates the digestion of apoptotic corpses inC. elegans. Journal of Cell Science, 2010, 123, 2001-2007.	2.0	30
39	Role of Mitogen-Activated Protein Kinase Sty1 in Regulation of Eukaryotic Initiation Factor 2Î± Kinases in Response to Environmental Stress in Schizosaccharomyces pombe. Eukaryotic Cell, 2010, 9, 194-207.	3.4	23
40	Retinoic acid downregulates Rae1 leading to APCCdh1 activation and neuroblastoma SH-SY5Y differentiation. Oncogene, 2008, 27, 3339-3344.	5.9	56
41	Genomic stability and tumour suppression by the APC/C cofactor Cdh1. Nature Cell Biology, 2008, 10, 802-811.	10.3	331
42	Rec25 and Rec27, Novel Linear-Element Components, Link Cohesin to Meiotic DNA Breakage and Recombination. Current Biology, 2008, 18, 849-854.	3.9	50
43	Slk1 is a meiosis-specific Sid2-related kinase that coordinates meiotic nuclear division with growth of the forespore membrane. Journal of Cell Science, 2008, 121, 1383-1392.	2.0	21
44	The fission yeast meiotic checkpoint kinase Mek1 regulates nuclear localization of Cdc25 by phosphorylation. Cell Cycle, 2008, 7, 3720-3730.	2.6	13
45	PAR proteins direct asymmetry of the cell cycle regulators Polo-like kinase and Cdc25. Journal of Cell Biology, 2008, 180, 877-885.	5.2	84
46	Levels of SCS7/FA2H-Mediated Fatty Acid 2-Hydroxylation Determine the Sensitivity of Cells to Antitumor PM02734. Cancer Research, 2008, 68, 9779-9787.	0.9	57
47	Modified Cell Cycle Regulation in Meiosis. , 2007, , 307-353.		6
48	The Fission Yeast APC Activator Ste9 is Regulated by mRNA Decay. Cell Cycle, 2006, 5, 865-868.	2.6	4
49	Cross-Talk between Nucleotide Excision and Homologous Recombination DNA Repair Pathways in the Mechanism of Action of Antitumor Trabectedin. Cancer Research, 2006, 66, 8155-8162.	0.9	168
50	Fission yeast Tor2 promotes cell growth and represses cell differentiation. Journal of Cell Science, 2006, 119, 4475-4485.	2.0	135
51	Etd1p is a novel protein that links the SIN cascade with cytokinesis. EMBO Journal, 2005, 24, 2436-2446.	7.8	26
52	A Large-Scale Screen in S. pombe Identifies Seven Novel Genes Required for Critical Meiotic Events. Current Biology, 2005, 15, 2056-2062.	3.9	106
53	Cdh1/Hct1-APC Is Essential for the Survival of Postmitotic Neurons. Journal of Neuroscience, 2005, 25, 8115-8121.	3.6	135
54	A role for the Cdc14-family phosphatase Flp1p at the end of the cell cycle in controlling the rapid degradation of the mitotic inducer Cdc25p in fission yeast. Journal of Cell Science, 2004, 117, 2461-2468.	2.0	52

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55	Regulated mRNA Stability of the Cdk Inhibitor Rum1 Links Nutrient Status to Cell Cycle Progression. Current Biology, 2003, 13, 2015-2024.	3.9	29
56	Systematic functional analysis of the Caenorhabditis elegans genome using RNAi. Nature, 2003, 421, 231-237.	27.8	3,343
57	Regulation of meiotic progression by the meiosis-specific checkpoint kinase Mek1 in fission yeast. Journal of Cell Science, 2003, 116, 259-271.	2.0	58
58	The genome sequence of Schizosaccharomyces pombe. Nature, 2002, 415, 871-880.	27.8	1,508
59	HBP2: a new mammalian protein that complements the fission yeast MBF transcription complex. Current Genetics, 2001, 40, 110-118.	1.7	17
60	Analysis of 41â€‰kb of the DNA sequence from the right arm of chromosome II ofSchizosaccharomyces pombe. Yeast, 2001, 18, 1111-1116.	1.7	4
61	Fission yeast mfr1 activates APC and coordinates meiotic nuclear division with sporulation. Journal of Cell Science, 2001, 114, 2135-2143.	2.0	56
62	Flp1, a fission yeast orthologue of theS. cerevisiae CDC14gene, is not required for cyclin degradation or rum1p stabilisation at the end of mitosis. Journal of Cell Science, 2001, 114, 2649-2664.	2.0	125
63	APCste9/srw1promotes degradation of mitotic cyclins in G1and is inhibited by cdc2 phosphorylation. EMBO Journal, 2000, 19, 3945-3955.	7.8	96
64	The puc1 Cyclin Regulates the G1 Phase of the Fission Yeast Cell Cycle in Response to Cell Size. Molecular Biology of the Cell, 2000, 11, 543-554.	2.1	56
65	DNA Sequencing and analysis of a 40 kb region from the right arm of chromosome II fromSchizosaccharomyces pombe. Yeast, 1999, 15, 419-426.	1.7	6
66	Replication checkpoint requires phosphorylation of the phosphatase Cdc25 by Cds1 or Chk1. Nature, 1998, 395, 507-510.	27.8	340
67	Cloning cell cycle regulatory genes by transcomplementation in yeast. Methods in Enzymology, 1997, 283, 44-59.	1.0	39
68	Regulation of CDK/cyclin complexes during the cell cycle. International Journal of Biochemistry and Cell Biology, 1997, 29, 559-573.	2.8	176
69	Recent advances on cyclins, CDKs and CDK inhibitors. Trends in Cell Biology, 1997, 7, 95-98.	7.9	48
70	The fission yeast Cdc1 protein, a homologue of the small subunit of DNA polymerase delta, binds to Pol3 and Cdc27.. EMBO Journal, 1996, 15, 4613-4628.	7.8	90
71	rum1: a CDK inhibitor regulating G1 progression in fission yeast. Trends in Cell Biology, 1996, 6, 62-66.	7.9	25
72	Regulation of G1 progression in fission yeast by the rum1 + gene product. , 1996, 2, 29-35.		9

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73	Regulation of the cell cycle timing of Start in fission yeast by the rum1+ gene. Journal of Cell Science, 1994, 1994, 63-68.	2.0	21
74	Regulation of progression through the Gl phase of the cell cycle by the rum1+ gene. Nature, 1994, 367, 236-242.	27.8	363
75	â€œCheckpoint Controlsâ€•in the cell cycle of Schizosaccharomyces pombe. Biology of the Cell, 1992, 76, 212-212.	2.0	0
76	[56] Molecular genetic analysis of fission yeast Schizosaccharomyces pombe. Methods in Enzymology, 1991, 194, 795-823.	1.0	3,505
77	Clues to action of cdc25 protein. Nature, 1991, 351, 194-194.	27.8	62
78	Purification and characterization of the invertase from Schizosaccharomyces pombe. A comparative analysis with the invertase from Saccharomyces cerevisiae. Biochemical Journal, 1990, 267, 697-702.	3.7	61
79	Regulation of mitosis by cyclic accumulation of p80cdc25 mitotic inducer in fission yeast. Nature, 1990, 344, 549-552.	27.8	232
80	Complementation of the mitotic activator, p80cdc25, by a human protein-tyrosine phosphatase. Science, 1990, 250, 1573-1576.	12.6	194
81	Substrates for p34cdc2: In vivo veritas?. Cell, 1990, 61, 549-551.	28.9	514
82	Regulation of the cell cycle timing of mitosis. Journal of Cell Science, 1989, 1989, 1-8.	2.0	14
83	Conservation of mitotic controls in fission and budding yeasts. Cell, 1989, 57, 295-303.	28.9	284
84	Regulation of p34cdc2 protein kinase during mitosis. Cell, 1989, 58, 361-372.	28.9	584
85	Mammalian growth-associated H1 histone kinase: a homolog of cdc2+/CDC28 protein kinases controlling mitotic entry in yeast and frog cells.. Molecular and Cellular Biology, 1989, 9, 3860-3868.	2.3	281
86	Synthesis ofSaccharomyces cerevisiaeinvertase bySchizosaccharomyces pombe. FEBS Letters, 1988, 234, 95-99.	2.8	11
87	Expression of the SV40 promoter in fission yeast: Identification and characterization of an AP-1-like factor. Cell, 1988, 53, 659-667.	28.9	151
88	Subcellular localization and glycoprotein nature of the invertase from the fission yeast Schizosaccharomyces pombe. Archives of Microbiology, 1985, 142, 370-374.	2.2	61