

Sergio Moreno

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

12,711

citations

41

h-index

89

g-index

89

ext. papers

13,834

ext. citations

12.6

avg, IF

5.82

L-index

#	Paper	IF	Citations
83	Molecular genetic analysis of fission yeast <i>Schizosaccharomyces pombe</i> . <i>Methods in Enzymology</i> , 1991 , 194, 795-823	1.7	2987
82	Systematic functional analysis of the <i>Caenorhabditis elegans</i> genome using RNAi. <i>Nature</i> , 2003 , 421, 231-7	50.4	2758
81	The genome sequence of <i>Schizosaccharomyces pombe</i> . <i>Nature</i> , 2002 , 415, 871-80	50.4	1281
80	Regulation of p34cdc2 protein kinase during mitosis. <i>Cell</i> , 1989 , 58, 361-72	56.2	543
79	Substrates for p34cdc2: in vivo veritas?. <i>Cell</i> , 1990 , 61, 549-51	56.2	486
78	Regulation of progression through the G1 phase of the cell cycle by the rum1+ gene. <i>Nature</i> , 1994 , 367, 236-42	50.4	328
77	Replication checkpoint requires phosphorylation of the phosphatase Cdc25 by Cds1 or Chk1. <i>Nature</i> , 1998 , 395, 507-10	50.4	322
76	Genomic stability and tumour suppression by the APC/C cofactor Cdh1. <i>Nature Cell Biology</i> , 2008 , 10, 802-11	23.4	293
75	Mammalian growth-associated H1 histone kinase: a homolog of cdc2+/CDC28 protein kinases controlling mitotic entry in yeast and frog cells. <i>Molecular and Cellular Biology</i> , 1989 , 9, 3860-8	4.8	268
74	Conservation of mitotic controls in fission and budding yeasts. <i>Cell</i> , 1989 , 57, 295-303	56.2	259
73	Regulation of mitosis by cyclic accumulation of p80cdc25 mitotic inducer in fission yeast. <i>Nature</i> , 1990 , 344, 549-52	50.4	203
72	Complementation of the mitotic activator, p80cdc25, by a human protein-tyrosine phosphatase. <i>Science</i> , 1990 , 250, 1573-6	33.3	177
71	Targeting mitotic exit leads to tumor regression in vivo: Modulation by Cdk1, Mastl, and the PP2A/B55 β phosphatase. <i>Cancer Cell</i> , 2010 , 18, 641-54	24.3	164
70	Regulation of CDK/cyclin complexes during the cell cycle. <i>International Journal of Biochemistry and Cell Biology</i> , 1997 , 29, 559-73	5.6	153
69	Expression of the SV40 promoter in fission yeast: identification and characterization of an AP-1-like factor. <i>Cell</i> , 1988 , 53, 659-67	56.2	144
68	Cross-talk between nucleotide excision and homologous recombination DNA repair pathways in the mechanism of action of antitumor trabectedin. <i>Cancer Research</i> , 2006 , 66, 8155-62	10.1	140
67	Cdh1/Hct1-APC is essential for the survival of postmitotic neurons. <i>Journal of Neuroscience</i> , 2005 , 25, 8115-21	6.6	120

66	Fission yeast Tor2 promotes cell growth and represses cell differentiation. <i>Journal of Cell Science</i> , 2006 , 119, 4475-85	5.3	111
65	Flp1, a fission yeast orthologue of the <i>S. cerevisiae</i> CDC14 gene, is not required for cyclin degradation or rum1p stabilisation at the end of mitosis. <i>Journal of Cell Science</i> , 2001 , 114, 2649-2664	5.3	106
64	Multiple functions of the noncanonical Wnt pathway. <i>Trends in Genetics</i> , 2013 , 29, 545-53	8.5	97
63	A large-scale screen in <i>S. pombe</i> identifies seven novel genes required for critical meiotic events. <i>Current Biology</i> , 2005 , 15, 2056-62	6.3	91
62	APC(ste9/srw1) promotes degradation of mitotic cyclins in G(1) and is inhibited by cdc2 phosphorylation. <i>EMBO Journal</i> , 2000 , 19, 3945-55	13	89
61	The fission yeast Cdc1 protein, a homologue of the small subunit of DNA polymerase delta, binds to Pol3 and Cdc27.. <i>EMBO Journal</i> , 1996 , 15, 4613-4628	13	73
60	PAR proteins direct asymmetry of the cell cycle regulators Polo-like kinase and Cdc25. <i>Journal of Cell Biology</i> , 2008 , 180, 877-85	7.3	65
59	Nutritional Control of Cell Size by the Greatwall-Endosulfine-PP2A/B55 Pathway. <i>Current Biology</i> , 2016 , 26, 319-30	6.3	63
58	The Npl3 hnRNP prevents R-loop-mediated transcription-replication conflicts and genome instability. <i>Genes and Development</i> , 2013 , 27, 2445-58	12.6	61
57	APC/C-Cdh1 coordinates neurogenesis and cortical size during development. <i>Nature Communications</i> , 2013 , 4, 2879	17.4	56
56	Subcellular localization and glycoprotein nature of the invertase from the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Archives of Microbiology</i> , 1985 , 142, 370-4	3	56
55	Purification and characterization of the invertase from <i>Schizosaccharomyces pombe</i> . A comparative analysis with the invertase from <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 1990 , 267, 697-702	3.8	55
54	Clues to action of cdc25 protein. <i>Nature</i> , 1991 , 351, 194	50.4	54
53	Fission yeast mfr1 activates APC and coordinates meiotic nuclear division with sporulation. <i>Journal of Cell Science</i> , 2001 , 114, 2135-2143	5.3	52
52	Retinoic acid downregulates Rae1 leading to APC(Cdh1) activation and neuroblastoma SH-SY5Y differentiation. <i>Oncogene</i> , 2008 , 27, 3339-44	9.2	50
51	The puc1 cyclin regulates the G1 phase of the fission yeast cell cycle in response to cell size. <i>Molecular Biology of the Cell</i> , 2000 , 11, 543-54	3.5	50
50	The Vam6 and Gtr1-Gtr2 pathway activates TORC1 in response to amino acids in fission yeast. <i>Journal of Cell Science</i> , 2012 , 125, 1920-8	5.3	45
49	Loss of the RhoGAP SRGP-1 promotes the clearance of dead and injured cells in <i>Caenorhabditis elegans</i> . <i>Nature Cell Biology</i> , 2011 , 13, 79-86	23.4	45

48	The APC/C activator FZR1 coordinates the timing of meiotic resumption during prophase I arrest in mammalian oocytes. <i>Development (Cambridge)</i> , 2011 , 138, 905-13	6.6	45
47	Levels of SCS7/FA2H-mediated fatty acid 2-hydroxylation determine the sensitivity of cells to antitumor PM02734. <i>Cancer Research</i> , 2008 , 68, 9779-87	10.1	45
46	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. <i>Journal of Cell Science</i> , 2004 , 117, 2461-8	5.3	45
45	Recent advances on cyclins, CDKs and CDK inhibitors. <i>Trends in Cell Biology</i> , 1997 , 7, 95-8	18.3	43
44	Lsm1 promotes genomic stability by controlling histone mRNA decay. <i>EMBO Journal</i> , 2011 , 30, 2008-18	13	42
43	Rec25 and Rec27, novel linear-element components, link cohesin to meiotic DNA breakage and recombination. <i>Current Biology</i> , 2008 , 18, 849-54	6.3	41
42	Regulation of meiotic progression by the meiosis-specific checkpoint kinase Mek1 in fission yeast. <i>Journal of Cell Science</i> , 2003 , 116, 259-71	5.3	39
41	Cloning cell cycle regulatory genes by transcomplementation in yeast. <i>Methods in Enzymology</i> , 1997 , 283, 44-59	1.7	36
40	Fission yeast TORC1 prevents eIF2 β phosphorylation in response to nitrogen and amino acids via Gcn2 kinase. <i>Journal of Cell Science</i> , 2012 , 125, 5955-9	5.3	31
39	New insights into the RNA-based mechanism of action of the anticancer drug 5'-fluorouracil in eukaryotic cells. <i>PLoS ONE</i> , 2013 , 8, e78172	3.7	27
38	ccz-1 mediates the digestion of apoptotic corpses in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2010 , 123, 2001-7	5.3	27
37	APC(FZR1) prevents nondisjunction in mouse oocytes by controlling meiotic spindle assembly timing. <i>Molecular Biology of the Cell</i> , 2012 , 23, 3970-81	3.5	27
36	Disruption of the ATP-binding cassette B7 (ABTM-1/ABCB7) induces oxidative stress and premature cell death in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2011 , 286, 21304-14	5.4	23
35	AMPK phosphorylation by Ssp1 is required for proper sexual differentiation in fission yeast. <i>Journal of Cell Science</i> , 2012 , 125, 2655-64	5.3	23
34	Regulated mRNA stability of the Cdk inhibitor Rum1 links nutrient status to cell cycle progression. <i>Current Biology</i> , 2003 , 13, 2015-24	6.3	23
33	Etd1p is a novel protein that links the SIN cascade with cytokinesis. <i>EMBO Journal</i> , 2005 , 24, 2436-46	13	23
32	rum1: a CDK inhibitor regulating G1 progression in fission yeast. <i>Trends in Cell Biology</i> , 1996 , 6, 62-6	18.3	22
31	TOR and PKA pathways synergize at the level of the Ste11 transcription factor to prevent mating and meiosis in fission yeast. <i>PLoS ONE</i> , 2010 , 5, e11514	3.7	21

30	Reduced chromosome cohesion measured by interkinetochore distance is associated with aneuploidy even in oocytes from young mice. <i>Biology of Reproduction</i> , 2013 , 88, 31	3.9	20
29	Regulation of the cell cycle timing of Start in fission yeast by the rum1+ gene. <i>Journal of Cell Science</i> , 1994 , 18, 63-8	5.3	20
28	Role of mitogen-activated protein kinase Sty1 in regulation of eukaryotic initiation factor 2alpha kinases in response to environmental stress in <i>Schizosaccharomyces pombe</i> . <i>Eukaryotic Cell</i> , 2010 , 9, 194-207		19
27	Slk1 is a meiosis-specific Sid2-related kinase that coordinates meiotic nuclear division with growth of the forespore membrane. <i>Journal of Cell Science</i> , 2008 , 121, 1383-92	5.3	19
26	The APC/C activator FZR1 is essential for meiotic prophase I in mice. <i>Development (Cambridge)</i> , 2014 , 141, 1354-65	6.6	18
25	Functional interactions of Rec24, the fission yeast ortholog of mouse Mei4, with the meiotic recombination-initiation complex. <i>Journal of Cell Science</i> , 2011 , 124, 1328-38	5.3	18
24	Coupling TOR to the Cell Cycle by the Greatwall-Endosulfine-PP2A-B55 Pathway. <i>Biomolecules</i> , 2017 , 7,	5.9	16
23	Regulation of the cell cycle timing of mitosis. <i>Journal of Cell Science</i> , 1989 , 12, 1-8	5.3	13
22	Specific detection of fission yeast primary septum reveals septum and cleavage furrow ingression during early anaphase independent of mitosis completion. <i>PLoS Genetics</i> , 2018 , 14, e1007388	6	12
21	Shortage of dNTPs underlies altered replication dynamics and DNA breakage in the absence of the APC/C cofactor Cdh1. <i>Oncogene</i> , 2017 , 36, 5808-5818	9.2	11
20	The fission yeast meiotic checkpoint kinase Mek1 regulates nuclear localization of Cdc25 by phosphorylation. <i>Cell Cycle</i> , 2008 , 7, 3720-30	4.7	10
19	HBP2: a new mammalian protein that complements the fission yeast MBF transcription complex. <i>Current Genetics</i> , 2001 , 40, 110-8	2.9	10
18	Synthesis of <i>Saccharomyces cerevisiae</i> invertase by <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , 1988 , 234, 95-9	3.8	10
17	Chromosome segregation and organization are targets of 5'-Fluorouracil in eukaryotic cells. <i>Cell Cycle</i> , 2015 , 14, 206-18	4.7	8
16	The APC activator fizzy-related-1 (FZR1) is needed for preimplantation mouse embryo development. <i>Journal of Cell Science</i> , 2012 , 125, 6030-7	5.3	8
15	Fission Yeast Cell Cycle Synchronization Methods. <i>Methods in Molecular Biology</i> , 2016 , 1369, 293-308	1.4	8
14	Regulation of G1 progression in fission yeast by the rum1+ gene product. <i>Progress in Cell Cycle Research</i> , 1996 , 2, 29-35		8
13	Npl3, a new link between RNA-binding proteins and the maintenance of genome integrity. <i>Cell Cycle</i> , 2014 , 13, 1524-9	4.7	7

12	Down-regulation of Cdk1 activity in G1 coordinates the G1/S gene expression programme with genome replication. <i>Current Genetics</i> , 2019 , 65, 685-690	2.9	6
11	DNA sequencing and analysis of a 40 kb region from the right arm of chromosome II from <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 1999 , 15, 419-26	3.4	6
10	Modified Cell Cycle Regulation in Meiosis 2007 , 307-353		5
9	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. <i>MBio</i> , 2020 , 11,	7.8	5
8	Nutritional cell cycle reprogramming reveals that inhibition of Cdk1 is required for proper MBF-dependent transcription. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	5
7	Greatwall-Endosulfine: A Molecular Switch that Regulates PP2A/B55 Protein Phosphatase Activity in Dividing and Quiescent Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
6	The E3 ubiquitin ligase APC/C-Cdh1 coordinates neurogenesis and cortical size during development. <i>Free Radical Biology and Medicine</i> , 2014 , 75 Suppl 1, S4-5	7.8	3
5	The fission yeast APC activator Ste9 is regulated by mRNA decay. <i>Cell Cycle</i> , 2006 , 5, 865-8	4.7	3
4	Analysis of 41 kb of the DNA sequence from the right arm of chromosome II of <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 2001 , 18, 1111-6	3.4	3
3	Chemical inactivation of Pat1: a novel approach to synchronize meiosis. <i>Cell Cycle</i> , 2012 , 11, 1875	4.7	1
2	Checkpoint Controls in the cell cycle of <i>Schizosaccharomyces pombe</i> . <i>Biology of the Cell</i> , 1992 , 76, 212-215		3
1	Trabectedin 2015 , 1-5		