

# Sergio Moreno

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6242497/publications.pdf>

Version: 2024-02-01

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	[56] Molecular genetic analysis of fission yeast <i>Schizosaccharomyces pombe</i> . <i>Methods in Enzymology</i> , 1991, 194, 795-823.	1.0	3,505
2	Systematic functional analysis of the <i>Caenorhabditis elegans</i> genome using RNAi. <i>Nature</i> , 2003, 421, 231-237.	27.8	3,343
3	The genome sequence of <i>Schizosaccharomyces pombe</i> . <i>Nature</i> , 2002, 415, 871-880.	27.8	1,508
4	Regulation of p34cdc2 protein kinase during mitosis. <i>Cell</i> , 1989, 58, 361-372.	28.9	584
5	Substrates for p34cdc2: In vivo veritas?. <i>Cell</i> , 1990, 61, 549-551.	28.9	514
6	Regulation of progression through the G1 phase of the cell cycle by the rum1+ gene. <i>Nature</i> , 1994, 367, 236-242.	27.8	363
7	Replication checkpoint requires phosphorylation of the phosphatase Cdc25 by Cds1 or Chk1. <i>Nature</i> , 1998, 395, 507-510.	27.8	340
8	Genomic stability and tumour suppression by the APC/C cofactor Cdh1. <i>Nature Cell Biology</i> , 2008, 10, 802-811.	10.3	331
9	Conservation of mitotic controls in fission and budding yeasts. <i>Cell</i> , 1989, 57, 295-303.	28.9	284
10	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, 3860-3868.	2.3	281
11	Regulation of mitosis by cyclic accumulation of p80cdc25 mitotic inducer in fission yeast. <i>Nature</i> , 1990, 344, 549-552.	27.8	232
12	Complementation of the mitotic activator, p80cdc25, by a human protein-tyrosine phosphatase. <i>Science</i> , 1990, 250, 1573-1576.	12.6	194
13	Targeting Mitotic Exit Leads to Tumor Regression In Vivo: Modulation by Cdk1, Mastl, and the PP2A/B55±,± Phosphatase. <i>Cancer Cell</i> , 2010, 18, 641-654.	16.8	188
14	Regulation of CDK/cyclin complexes during the cell cycle. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 559-573.	2.8	176
15	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, 8155-8162.	0.9	168
16	Expression of the SV40 promoter in fission yeast: Identification and characterization of an AP-1-like factor. <i>Cell</i> , 1988, 53, 659-667.	28.9	151
17	Cdh1/Hct1-APC Is Essential for the Survival of Postmitotic Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 8115-8121.	3.6	135
18	Fission yeast Tor2 promotes cell growth and represses cell differentiation. <i>Journal of Cell Science</i> , 2006, 119, 4475-4485.	2.0	135

#	ARTICLE	IF	CITATIONS
19	Multiple functions of the noncanonical Wnt pathway. Trends in Genetics, 2013, 29, 545-553.	6.7	132
20	<i>Flp1</i> , 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. Journal of Cell Science, 2001, 114, 2649-2664.	2.0	125
21	A Large-Scale Screen in <i>S. pombe</i> Identifies Seven Novel Genes Required for Critical Meiotic Events. Current Biology, 2005, 15, 2056-2062.	3.9	106
22	APC <sup>ste9/srw1</sup> promotes degradation of mitotic cyclins in G1 and is inhibited by cdc2 phosphorylation. EMBO Journal, 2000, 19, 3945-3955.	7.8	96
23	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
24	Nutritional Control of Cell Size by the Greatwall-Endosulfine-PP2A <sup>B55</sup> Pathway. Current Biology, 2016, 26, 319-330.	3.9	87
25	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
26	APC/C-Cdh1 coordinates neurogenesis and cortical size during development. Nature Communications, 2013, 4, 2879.	12.8	82
27	The Npl3 hnRNP prevents R-loop-mediated transcription replication conflicts and genome instability. Genes and Development, 2013, 27, 2445-2458.	5.9	72
28	Clues to action of cdc25 protein. Nature, 1991, 351, 194-194.	27.8	62
29	Subcellular localization and glycoprotein nature of the invertase from the fission yeast <i>Schizosaccharomyces pombe</i> . Archives of Microbiology, 1985, 142, 370-374.	2.2	61
30	Purification and characterization of the invertase from <i>Schizosaccharomyces pombe</i> . A comparative analysis with the invertase from <i>Saccharomyces cerevisiae</i> . Biochemical Journal, 1990, 267, 697-702.	3.7	61
31	Loss of the RhoGAP SRGP-1 promotes the clearance of dead and injured cells in <i>Caenorhabditis elegans</i> . Nature Cell Biology, 2011, 13, 79-86.	10.3	59
32	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
33	Levels of <i>SCS7/FA2H</i> -Mediated Fatty Acid 2-Hydroxylation Determine the Sensitivity of Cells to Antitumor PM02734. Cancer Research, 2008, 68, 9779-9787.	0.9	57
34	The <i>puc1</i> 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
35	Retinoic acid downregulates Rae1 leading to APCCdh1 activation and neuroblastoma SH-SY5Y differentiation. Oncogene, 2008, 27, 3339-3344.	5.9	56
36	Fission yeast <i>mfr1</i> activates APC and coordinates meiotic nuclear division with sporulation. Journal of Cell Science, 2001, 114, 2135-2143.	2.0	56

#	ARTICLE	IF	CITATIONS
37	The APC/C activator FZR1 coordinates the timing of meiotic resumption during prophase I arrest in mammalian oocytes. <i>Development (Cambridge)</i> , 2011, 138, 905-913.	2.5	54
38	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, 2461-2468.	2.0	52
39	The Vam6-Ctr1/Gtr2 pathway activates TORC1 in response to amino acids in fission yeast. <i>Journal of Cell Science</i> , 2012, 125, 1920-8.	2.0	52
40	Rec25 and Rec27, Novel Linear-Element Components, Link Cohesin to Meiotic DNA Breakage and Recombination. <i>Current Biology</i> , 2008, 18, 849-854.	3.9	50
41	Lsm1 promotes genomic stability by controlling histone mRNA decay. <i>EMBO Journal</i> , 2011, 30, 2008-2018.	7.8	49
42	Recent advances on cyclins, CDKs and CDK inhibitors. <i>Trends in Cell Biology</i> , 1997, 7, 95-98.	7.9	48
43	Cloning cell cycle regulatory genes by transcomplementation in yeast. <i>Methods in Enzymology</i> , 1997, 283, 44-59.	1.0	39
44	Fission yeast TORC1 prevents eIF2 $\gamma$ phosphorylation in response to nitrogen and amino acids via Gcn2 kinase. <i>Journal of Cell Science</i> , 2012, 125, 5955-5959.	2.0	38
45	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.	2.5	35
46	AMPK phosphorylation by Ssp1 is required for proper sexual differentiation in fission yeast. <i>Journal of Cell Science</i> , 2012, 125, 2655-64.	2.0	32
47	<i>ccz-1</i> mediates the digestion of apoptotic corpses in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2010, 123, 2001-2007.	2.0	30
48	Regulated mRNA Stability of the Cdk Inhibitor Rum1 Links Nutrient Status to Cell Cycle Progression. <i>Current Biology</i> , 2003, 13, 2015-2024.	3.9	29
49	APC <sup>FZR1</sup> prevents nondisjunction in mouse oocytes by controlling meiotic spindle assembly timing. <i>Molecular Biology of the Cell</i> , 2012, 23, 3970-3981.	2.1	28
50	Etd1p is a novel protein that links the SIN cascade with cytokinesis. <i>EMBO Journal</i> , 2005, 24, 2436-2446.	7.8	26
51	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, 21304-21314.	3.4	26
52	rum1: a CDK inhibitor regulating G1 progression in fission yeast. <i>Trends in Cell Biology</i> , 1996, 6, 62-66.	7.9	25
53	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.	2.5	25
54	The APC/C activator FZR1 is essential for meiotic prophase I in mice. <i>Development (Cambridge)</i> , 2014, 141, 1354-1365.	2.5	24

#	ARTICLE	IF	CITATIONS
55	Role of Mitogen-Activated Protein Kinase Sty1 in Regulation of Eukaryotic Initiation Factor 2 Kinases in Response to Environmental Stress in <i>Schizosaccharomyces pombe</i> . <i>Eukaryotic Cell</i> , 2010, 9, 194-207.	3.4	23
56	Coupling TOR to the Cell Cycle by the Greatwall-Endosulfine-PP2A-B55 Pathway. <i>Biomolecules</i> , 2017, 7, 59.	4.0	23
57	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, 1328-1338.	2.0	22
58	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.	2.7	22
59	Regulation of the cell cycle timing of Start in fission yeast by the rum1+ gene. <i>Journal of Cell Science</i> , 1994, 194, 63-68.	2.0	21
60	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, 1383-1392.	2.0	21
61	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.	5.9	19
62	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.	3.5	18
63	HBP2: a new mammalian protein that complements the fission yeast MBF transcription complex. <i>Current Genetics</i> , 2001, 40, 110-118.	1.7	17
64	Regulation of the cell cycle timing of mitosis. <i>Journal of Cell Science</i> , 1989, 1989, 1-8.	2.0	14
65	The fission yeast meiotic checkpoint kinase Mek1 regulates nuclear localization of Cdc25 by phosphorylation. <i>Cell Cycle</i> , 2008, 7, 3720-3730.	2.6	13
66	Chromosome segregation and organization are targets of 5-Fluorouracil in eukaryotic cells. <i>Cell Cycle</i> , 2015, 14, 206-218.	2.6	13
67	Synthesis of <i>Saccharomyces cerevisiae</i> invertase by <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , 1988, 234, 95-99.	2.8	11
68	Nutrients control cell size. <i>Cell Cycle</i> , 2016, 15, 1655-1656.	2.6	11
69	Fission Yeast Cell Cycle Synchronization Methods. <i>Methods in Molecular Biology</i> , 2016, 1369, 293-308.	0.9	11
70	The APC activator fizzy-related-1 (FZR1) is needed for preimplantation mouse embryo development. <i>Journal of Cell Science</i> , 2012, 125, 6030-6037.	2.0	10
71	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, 6228.	4.1	10
72	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.	1.7	9

#	ARTICLE	IF	CITATIONS
73	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
74	Regulation of G1 progression in fission yeast by the rum1 + gene product. , 1996, 2, 29-35.		9
75	Npl3, a new link between RNA-binding proteins and the maintenance of genome integrity. Cell Cycle, 2014, 13, 1524-1529.	2.6	8
76	DNA Sequencing and analysis of a 40 kb region from the right arm of chromosome II from Schizosaccharomyces pombe. Yeast, 1999, 15, 419-426.	1.7	6
77	Modified Cell Cycle Regulation in Meiosis. , 2007, , 307-353.		6
78	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
79	Analysis of 41â€%kb of the DNA sequence from the right arm of chromosome II of Schizosaccharomyces pombe. Yeast, 2001, 18, 1111-1116.	1.7	4
80	The Fission Yeast APC Activator Ste9 is Regulated by mRNA Decay. Cell Cycle, 2006, 5, 865-868.	2.6	4
81	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
82	Chemical inactivation of Pat1. Cell Cycle, 2012, 11, 1875-1875.	2.6	1
83	Efficient terminal erythroid differentiation requires the APC/C cofactor Cdh1 to limit replicative stress in erythroblasts. Scientific Reports, 2022, 12, .	3.3	1
84	â€œCheckpoint Controlsâ€•in the cell cycle of Schizosaccharomyces pombe. Biology of the Cell, 1992, 76, 212-212.	2.0	0
85	Trabectedin. , 2011, , 3740-3744.		0
86	CDK Inhibitors. , 2013, , 214-220.		0
87	Trabectedin. , 2015, , 1-5.		0
88	Trabectedin. , 2017, , 4608-4612.		0