

Neus Colomina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3346613/publications.pdf>

Version: 2024-02-01

19
papers

1,072
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1340
citing authors

#	ARTICLE	IF	CITATIONS
1	The critical size is set at a single-cell level by growth rate to attain homeostasis and adaptation. <i>Nature Communications</i> , 2012, 3, 1012.	12.8	170
2	The Cln3 cyclin is down-regulated by translational repression and degradation during the G1 arrest caused by nitrogen deprivation in budding yeast. <i>EMBO Journal</i> , 1997, 16, 7196-7206.	7.8	160
3	Cyclin Cln3 Is Retained at the ER and Released by the J Chaperone Ydj1 in Late G1 to Trigger Cell Cycle Entry. <i>Molecular Cell</i> , 2007, 26, 649-662.	9.7	101
4	Cytoplasmic cyclin D1 regulates cell invasion and metastasis through the phosphorylation of paxillin. <i>Nature Communications</i> , 2016, 7, 11581.	12.8	92
5	G1 cyclins block the Ime1 pathway to make mitosis and meiosis incompatible in budding yeast. <i>EMBO Journal</i> , 1999, 18, 320-329.	7.8	84
6	The Smc5/6 complex is required for dissolution of DNA-mediated sister chromatid linkages. <i>Nucleic Acids Research</i> , 2010, 38, 6502-6512.	14.5	70
7	The transcriptional network activated by Cln3 cyclin at the G1-to-S transition of the yeast cell cycle. <i>Genome Biology</i> , 2010, 11, R67.	9.6	66
8	A SUMO-Dependent Step during Establishment of Sister Chromatid Cohesion. <i>Current Biology</i> , 2012, 22, 1576-1581.	3.9	56
9	The Aurora-B-dependent NoCut checkpoint prevents damage of anaphase bridges after DNA replication stress. <i>Nature Cell Biology</i> , 2016, 18, 516-526.	10.3	53
10	Whi3, a Developmental Regulator of Budding Yeast, Binds a Large Set of mRNAs Functionally Related to the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2008, 283, 28670-28679.	3.4	44
11	DNA activates the Nse2/Mms21 SUMO E3 ligase in the Smc5/6 complex. <i>EMBO Journal</i> , 2018, 37, .	7.8	42
12	ATPase-Dependent Control of the Mms21 SUMO Ligase during DNA Repair. <i>PLoS Biology</i> , 2015, 13, e1002089.	5.6	33
13	TOR Regulates the Subcellular Localization of Ime1, a Transcriptional Activator of Meiotic Development in Budding Yeast. <i>Molecular and Cellular Biology</i> , 2003, 23, 7415-7424.	2.3	28
14	Control of Cell Cycle and Cell Growth by Molecular Chaperones. <i>Cell Cycle</i> , 2007, 6, 2599-2603.	2.6	19
15	Sumoylation of Smc5 Promotes Error-free Bypass at Damaged Replication Forks. <i>Cell Reports</i> , 2019, 29, 3160-3172.e4.	6.4	19
16	Transloklin (Cep57) Interacts with Cyclin D1 and Prevents Its Nuclear Accumulation in Quiescent Fibroblasts. <i>Traffic</i> , 2011, 12, 549-562.	2.7	13
17	Whi3 regulates morphogenesis in budding yeast by enhancing Cdk functions in apical growth. <i>Cell Cycle</i> , 2009, 8, 1912-1920.	2.6	11
18	Analysis of SUMOylation in the RENT Complex by Fusion to a SUMO-Specific Protease Domain. <i>Methods in Molecular Biology</i> , 2017, 1505, 97-117.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Post-Translational Modifications of PCNA: Guiding for the Best DNA Damage Tolerance Choice. Journal of Fungi (Basel, Switzerland), 2022, 8, 621.	3.5	5