

Sachin Kotak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7285810/publications.pdf>

Version: 2024-02-01

20
papers

2,942
citations

567281

15
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

3523
citing authors

#	ARTICLE	IF	CITATIONS
1	Complexity of the heat stress response in plants. <i>Current Opinion in Plant Biology</i> , 2007, 10, 310-316.	7.1	1,129
2	Heat stress response in plants: a complex game with chaperones and more than twenty heat stress transcription factors. <i>Journal of Biosciences</i> , 2004, 29, 471-487.	1.1	466
3	Characterization of C-terminal domains of Arabidopsis heat stress transcription factors (Hsfs) and identification of a new signature combination of plant class A Hsfs with AHA and NES motifs essential for activator function and intracellular localization. <i>Plant Journal</i> , 2004, 39, 98-112.	5.7	258
4	A Novel Transcriptional Cascade Regulating Expression of Heat Stress Proteins during Seed Development of Arabidopsis. <i>Plant Cell</i> , 2007, 19, 182-195.	6.6	257
5	Cortical dynein is critical for proper spindle positioning in human cells. <i>Journal of Cell Biology</i> , 2012, 199, 97-110.	5.2	208
6	Mechanisms of spindle positioning: cortical force generators in the limelight. <i>Current Opinion in Cell Biology</i> , 2013, 25, 741-748.	5.4	152
7	NuMA phosphorylation by CDK1 couples mitotic progression with cortical dynein function. <i>EMBO Journal</i> , 2013, 32, 2517-2529.	7.8	93
8	MISP is a novel Plk1 substrate required for proper spindle orientation and mitotic progression. <i>Journal of Cell Biology</i> , 2013, 200, 773-787.	5.2	65
9	NuMA interacts with phosphoinositides and links the mitotic spindle with the plasma membrane. <i>EMBO Journal</i> , 2014, 33, 1815-1830.	7.8	64
10	Discovery of a Selective Aurora A Kinase Inhibitor by Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7188-7211.	6.4	57
11	Aurora A kinase regulates proper spindle positioning in <i>C. elegans</i> and in human cells. <i>Journal of Cell Science</i> , 2016, 129, 3015-25.	2.0	43
12	Mechanisms of Spindle Positioning: Lessons from Worms and Mammalian Cells. <i>Biomolecules</i> , 2019, 9, 80.	4.0	39
13	Plk1 regulates spindle orientation by phosphorylating NuMA in human cells. <i>Life Science Alliance</i> , 2018, 1, e201800223.	2.8	28
14	Centrosome Aurora A regulates RhoGEF ECT-2 localisation and ensures a single PAR-2 polarity axis in <i>C. elegans</i> embryos. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	26
15	Silencing of class I small heat shock proteins affects seed-related attributes and thermotolerance in rice seedlings. <i>Planta</i> , 2020, 251, 26.	3.2	18
16	NuMA phosphorylation dictates dynein-dependent spindle positioning. <i>Cell Cycle</i> , 2014, 13, 177-178.	2.6	16
17	PP2A-B55 ³ counteracts Cdk1 and regulates proper spindle orientation through cortical dynein adaptor NuMA. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	11
18	NuMA interaction with chromatin is vital for proper chromosome decondensation at the mitotic exit. <i>Molecular Biology of the Cell</i> , 2020, 31, 2437-2451.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Centrosome Aurora A gradient ensures single polarity axis in <i>C. elegans</i> embryos. <i>Biochemical Society Transactions</i> , 2020, 48, 1243-1253.	3.4	3
20	Mitotic Spindle: Illuminating Spindle Positioning with a Biological Lightsaber. <i>Current Biology</i> , 2018, 28, R1308-R1310.	3.9	2