Maitreyi E Das

List of Publications by Year
in descending order

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Version: 2024-02-01

19 papers	548 citations	1039406 9 h-index	794141 19 g-index
28 all docs	28 docs citations	28 times ranked	432 citing authors

#	Article	IF	Citations
1	Oscillatory Dynamics of Cdc42 GTPase in the Control of Polarized Growth. Science, 2012, 337, 239-243.	6.0	148
2	Regulation of Cell Diameter, For3p Localization, and Cell Symmetry by Fission Yeast Rho-GAP Rga4p. Molecular Biology of the Cell, 2007, 18, 2090-2101.	0.9	97
3	The Conserved NDR Kinase Orb6 Controls Polarized Cell Growth by Spatial Regulation of the Small GTPase Cdc42. Current Biology, 2009, 19, 1314-1319.	1.8	77
4	Phosphorylation-dependent inhibition of Cdc42 GEF Gef1 by 14-3-3 protein Rad24 spatially regulates Cdc42 GTPase activity and oscillatory dynamics during cell morphogenesis. Molecular Biology of the Cell, 2015, 26, 3520-3534.	0.9	40
5	Unique spatiotemporal activation pattern of Cdc42 by Gef1 and Scd1 promotes different events during cytokinesis. Molecular Biology of the Cell, 2016, 27, 1235-1245.	0.9	26
6	Spatial control of translation repression and polarized growth by conserved NDR kinase Orb6 and RNA-binding protein Sts5. ELife, 2016, 5, .	2.8	19
7	Coordinating septum formation and the actomyosin ring during cytokinesis in Schizosaccharomyces pombe. Molecular Microbiology, 2019, 112, 1645-1657.	1.2	17
8	A novel interplay between GEFs orchestrates Cdc42 activity during cell polarity and cytokinesis. Journal of Cell Science, 2019, 132, .	1.2	16
9	A Cdc42 GEF, Gef1, through endocytosis organizes F-BAR Cdc15 along the actomyosin ring and promotes concentric furrowing. Journal of Cell Science, 2019, 132, .	1.2	16
10	Role of Cdc42 dynamics in the control of fission yeast cell polarization. Biochemical Society Transactions, 2013, 41, 1745-1749.	1.6	12
11	Rho Family GTPases in Fission Yeast Cytokinesis. Communicative and Integrative Biology, 2019, 12, 171-180.	0.6	10
12	F-BAR Cdc15 Promotes Cdc42 Activation During Cytokinesis and Cell Polarization in Schizosaccharomyces pombe. Genetics, 2019, 213, 1341-1356.	1.2	10
13	Pseudohyphal differentiation defect due to mutations in GPCR and ammonium signaling is suppressed by low glucose concentration: a possible integrated role for carbon and nitrogen limitation. Current Genetics, 2008, 54, 71-81.	0.8	9
14	Cdc42 promotes Bgs1 recruitment for septum synthesis and glucanase localization for cell separation during cytokinesis in fission yeast. Small GTPases, 2021, 12, 257-264.	0.7	9
15	Cdc42 reactivation at growth sites is regulated by local cell-cycle-dependent loss of its GTPase-activating protein Rga4 in fission yeast. Journal of Cell Science, 2021, 134, .	1.2	7
16	Disruption of MRG19 results in altered nitrogen metabolic status and defective pseudohyphal development in Saccharomyces cerevisiae. Microbiology (United Kingdom), 2005, 151, 91-98.	0.7	5
17	Microtubule-Dependent Spatial Organization of Mitochondria in Fission Yeast. Methods in Cell Biology, 2010, 97, 203-221.	0.5	5
18	Spatiotemporal Analysis of Cytokinetic Events in Fission Yeast. Journal of Visualized Experiments, 2017, , .	0.2	5

#	Article	IF	Citations
19	Cdc42 GTPase-activating proteins (GAPs) regulate generational inheritance of cell polarity and cell shape in fission yeast. Molecular Biology of the Cell, 2021, 32, ar14.	0.9	4