Sylvain Tollis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5889813/publications.pdf

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17	454	1162367 8	1058022 14
papers	citations	h-index	g-index

19	19	19	769
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The zipper mechanism in phagocytosis: energetic requirements and variability in phagocytic cup shape. BMC Systems Biology, 2010, 4, 149.	3.0	91
2	Robust polarity establishment occurs via an endocytosis-based cortical corralling mechanism. Journal of Cell Biology, 2013, 200, 407-418.	2.3	62
3	Cdc48/VCP Promotes Chromosome Morphogenesis by Releasing Condensin from Self-Entrapment in Chromatin. Molecular Cell, 2018, 69, 664-676.e5.	4.5	53
4	G1/S Transcription Factor Copy Number Is a Growth-Dependent Determinant of Cell Cycle Commitment in Yeast. Cell Systems, 2018, 6, 539-554.e11.	2.9	52
5	The motor protein myosin 1G functions in FcÎ³R-mediated phagocytosis. Journal of Cell Science, 2012, 125, 6020-6029.	1.2	40
6	QuiescentSaccharomyces cerevisiaeforms telomere hyperclusters at the nuclear membrane vicinity through a multifaceted mechanism involving Esc1, the Sir complex, and chromatin condensation. Molecular Biology of the Cell, 2016, 27, 1875-1884.	0.9	40
7	Imipridone Anticancer Compounds Ectopically Activate the ClpP Protease and Represent a New Scaffold for Antibiotic Development. Genetics, 2020, 214, 1103-1120.	1.2	36
8	A quantitative imaging-based screen reveals the exocyst as a network hub connecting endocytosis and exocytosis. Molecular Biology of the Cell, 2015, 26, 2519-2534.	0.9	35
9	Chemical Interrogation of Nuclear Size Identifies Compounds with Cancer Cell Line-Specific Effects on Migration and Invasion. ACS Chemical Biology, 2022, 17, 680-700.	1.6	12
10	The microprotein Nrs1 rewires the G1/S transcriptional machinery during nitrogen limitation in budding yeast. PLoS Biology, 2022, 20, e3001548.	2.6	10
11	The timing of Start is determined primarily by increased synthesis of the Cln3 activator rather than dilution of the Whi5 inhibitor. Molecular Biology of the Cell, 2022, 33, rp2.	0.9	9
12	G1/S transcription factors assemble in increasing numbers of discrete clusters through G1 phase. Journal of Cell Biology, 2020, 219, .	2.3	8
13	In-depth Correlation Analysis of SARS-CoV-2 Effective Reproduction Number and Mobility Patterns: Three Groups of Countries. Journal of Preventive Medicine and Public Health, 2022, 55, 134-143.	0.7	3
14	The G1/S repressor WHI5 is expressed at similar levels throughout the cell cycle. BMC Research Notes, 2022, 15, .	0.6	1
15	Absolute Quantification Reveals Growth and Nutrient-Dependent Control of G1/S Transcription Factor Abundance as a Determinant of Start. Biophysical Journal, 2018, 114, 151a.	0.2	0
16	Quantification of G1-Cyclin Dynamics in Yeast by Scanning Number and Brightness. Biophysical Journal, 2019, 116, 532a.	0.2	0
17	Robust polarity establishment occurs via an endocytosis-based cortical corralling mechanism. Journal of General Physiology, 2013, 141, i6-i6.	0.9	0