

Christof Taxis

List of Publications by Citations

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33
papers

2,932
citations

17
h-index

35
g-index

35
ext. papers

3,382
ext. citations

5.6
avg, IF

4.59
L-index

#	Paper	IF	Citations
33	A versatile toolbox for PCR-based tagging of yeast genes: new fluorescent proteins, more markers and promoter substitution cassettes. <i>Yeast</i> , 2004 , 21, 947-62	3.4	1404
32	Protein dislocation from the ER requires polyubiquitination and the AAA-ATPase Cdc48. <i>Nature Cell Biology</i> , 2002 , 4, 134-9	23.4	447
31	A LOV2 domain-based optogenetic tool to control protein degradation and cellular function. <i>Chemistry and Biology</i> , 2013 , 20, 619-26		181
30	Use of modular substrates demonstrates mechanistic diversity and reveals differences in chaperone requirement of ERAD. <i>Journal of Biological Chemistry</i> , 2003 , 278, 35903-13	5.4	155
29	System of centromeric, episomal, and integrative vectors based on drug resistance markers for <i>Saccharomyces cerevisiae</i> . <i>BioTechniques</i> , 2006 , 40, 73-8	2.5	136
28	ER-golgi traffic is a prerequisite for efficient ER degradation. <i>Molecular Biology of the Cell</i> , 2002 , 13, 1806-18	9.1	97
27	Efficient protein depletion by genetically controlled deprotection of a dormant N-degron. <i>Molecular Systems Biology</i> , 2009 , 5, 267	12.2	78
26	Spore number control and breeding in <i>Saccharomyces cerevisiae</i> : a key role for a self-organizing system. <i>Journal of Cell Biology</i> , 2005 , 171, 627-40	7.3	60
25	Targeted protein depletion in <i>Saccharomyces cerevisiae</i> by activation of a bidirectional degron. <i>BMC Systems Biology</i> , 2010 , 4, 176	3.5	46
24	Photo-sensitive degron variants for tuning protein stability by light. <i>BMC Systems Biology</i> , 2014 , 8, 128	3.5	44
23	The deca-GX3 proteins Yae1-Lto1 function as adaptors recruiting the ABC protein Rli1 for iron-sulfur cluster insertion. <i>ELife</i> , 2015 , 4, e08231	8.9	42
22	Dynamic organization of the actin cytoskeleton during meiosis and spore formation in budding yeast. <i>Traffic</i> , 2006 , 7, 1628-42	5.7	33
21	Cytokinesis in yeast meiosis depends on the regulated removal of Ssp1p from the prospore membrane. <i>EMBO Journal</i> , 2007 , 26, 1843-52	13	25
20	TIP1: TEV protease-mediated induction of protein instability. <i>Methods in Molecular Biology</i> , 2012 , 832, 611-26	1.4	23
19	A tobacco etch virus protease with increased substrate tolerance at the P1 position. <i>PLoS ONE</i> , 2013 , 8, e67915	3.7	23
18	Nud1p, the yeast homolog of Centriolin, regulates spindle pole body inheritance in meiosis. <i>EMBO Journal</i> , 2006 , 25, 3856-68	13	23
17	Acetate regulation of spore formation is under the control of the Ras/cyclic AMP/protein kinase A pathway and carbon dioxide in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2012 , 11, 1021-32		18

16	Optogenetic Downregulation of Protein Levels with an Ultrasensitive Switch. <i>ACS Synthetic Biology</i> , 2019 , 8, 1026-1036	5.7	15
15	The Mitotic Exit Network Regulates Spindle Pole Body Selection During Sporulation of. <i>Genetics</i> , 2017 , 206, 919-937	4	13
14	Synthetic Control of Protein Degradation during Cell Proliferation and Developmental Processes. <i>ACS Omega</i> , 2019 , 4, 2766-2778	3.9	13
13	An Optogenetic Tool for Induced Protein Stabilization Based on the <i>Phaeodactylum tricornutum</i> Aureochrome 1a Light-Oxygen-Voltage Domain. <i>Journal of Molecular Biology</i> , 2020 , 432, 1880-1900	6.5	11
12	Controlling Protein Activity and Degradation Using Blue Light. <i>Methods in Molecular Biology</i> , 2016 , 1408, 67-78	1.4	10
11	Proteasome Activity Is Influenced by the HECT_2 Protein Ipa1 in Budding Yeast. <i>Genetics</i> , 2018 , 209, 157-171	4	9
10	Strategies to investigate protein turnover with fluorescent protein reporters in eukaryotic organisms. <i>AIMS Biophysics</i> , 2020 , 7, 90-118	0.8	7
9	Development of a Synthetic Switch to Control Protein Stability in Eukaryotic Cells with Light. <i>Methods in Molecular Biology</i> , 2017 , 1596, 241-255	1.4	5
8	Degradation of integral membrane proteins modified with the photosensitive degron module requires the cytosolic endoplasmic reticulum-associated degradation pathway. <i>Molecular Biology of the Cell</i> , 2019 , 30, 2558-2570	3.5	4
7	Regulation of exocytotic events by centrosome-analogous structures. <i>Topics in Current Genetics</i> , 2004 , 193-207		4
6	Biophotography: concepts, applications and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 3415-20	5.7	3
5	An Optogenetic Toolbox for Synergistic Regulation of Protein Abundance. <i>ACS Synthetic Biology</i> , 2021 ,	5.7	1
4	Development of an Optogenetic Tool to Regulate Protein Stability In Vivo118-131		
3	Lichtsignale für die Hefe. <i>BioSpektrum</i> , 2019 , 25, 628-630	0.1	
2	Synthetische Biologie löst Mikroorganismen Behen <i>BioSpektrum</i> , 2015 , 21, 380-381	0.1	
1	Light-induced fermenter production of derivatives of the sweet protein monellin is maximized in prestationary <i>Saccharomyces cerevisiae</i> cultures.. <i>Biotechnology Journal</i> , 2022 , e2100676	5.6	