

Christof Taxis

List of Publications by Year in descending order

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32
papers

3,678
citations

394421

19
h-index

434195

31
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all docs

35
docs citations

35
times ranked

4248
citing authors

#	ARTICLE	IF	CITATIONS
1	A versatile toolbox for PCR-based tagging of yeast genes: new fluorescent proteins, more markers and promoter substitution cassettes. <i>Yeast</i> , 2004, 21, 947-962.	1.7	1,837
2	Protein dislocation from the ER requires polyubiquitination and the AAA-ATPase Cdc48. <i>Nature Cell Biology</i> , 2002, 4, 134-139.	10.3	489
3	A LOV2 Domain-Based Optogenetic Tool to Control Protein Degradation and Cellular Function. <i>Chemistry and Biology</i> , 2013, 20, 619-626.	6.0	227
4	System of centromeric, episomal, and integrative vectors based on drug resistance markers for <i>Saccharomyces cerevisiae</i> . <i>BioTechniques</i> , 2006, 40, 73-78.	1.8	174
5	Use of Modular Substrates Demonstrates Mechanistic Diversity and Reveals Differences in Chaperone Requirement of ERAD. <i>Journal of Biological Chemistry</i> , 2003, 278, 35903-35913.	3.4	169
6	ER-Golgi Traffic Is a Prerequisite for Efficient ER Degradation. <i>Molecular Biology of the Cell</i> , 2002, 13, 1806-1818.	2.1	105
7	Efficient protein depletion by genetically controlled deprotection of a dormant N ^α degron. <i>Molecular Systems Biology</i> , 2009, 5, 267.	7.2	92
8	Spore number control and breeding in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2005, 171, 627-640.	5.2	73
9	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.	6.0	62
10	Targeted protein depletion in <i>Saccharomyces cerevisiae</i> by activation of a bidirectional degron. <i>BMC Systems Biology</i> , 2010, 4, 176.	3.0	56
11	Photo-sensitive degron variants for tuning protein stability by light. <i>BMC Systems Biology</i> , 2014, 8, 128.	3.0	56
12	Dynamic Organization of the Actin Cytoskeleton During Meiosis and Spore Formation in Budding Yeast. <i>Traffic</i> , 2006, 7, 1628-1642.	2.7	39
13	Cytokinesis in yeast meiosis depends on the regulated removal of Ssp1p from the prospore membrane. <i>EMBO Journal</i> , 2007, 26, 1843-1852.	7.8	32
14	A Tobacco Etch Virus Protease with Increased Substrate Tolerance at the P1' position. <i>PLoS ONE</i> , 2013, 8, e67915.	2.5	32
15	Nud1p, the yeast homolog of Centriolin, regulates spindle pole body inheritance in meiosis. <i>EMBO Journal</i> , 2006, 25, 3856-3868.	7.8	28
16	TIPI: TEV Protease-Mediated Induction of Protein Instability. <i>Methods in Molecular Biology</i> , 2012, 832, 611-626.	0.9	25
17	Synthetic Control of Protein Degradation during Cell Proliferation and Developmental Processes. <i>ACS Omega</i> , 2019, 4, 2766-2778.	3.5	25
18	Optogenetic Downregulation of Protein Levels with an Ultrasensitive Switch. <i>ACS Synthetic Biology</i> , 2019, 8, 1026-1036.	3.8	24

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19	The Mitotic Exit Network Regulates Spindle Pole Body Selection During Sporulation of <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2017, 206, 919-937.	2.9	23
20	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, 1021-1032.	3.4	22
21	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.	4.2	22
22	Proteasome Activity Is Influenced by the HECT_2 Protein Ipa1 in Budding Yeast. <i>Genetics</i> , 2018, 209, 157-171.	2.9	13
23	Controlling Protein Activity and Degradation Using Blue Light. <i>Methods in Molecular Biology</i> , 2016, 1408, 67-78.	0.9	13
24	Strategies to investigate protein turnover with fluorescent protein reporters in eukaryotic organisms. <i>AIMS Biophysics</i> , 2020, 7, 90-118.	0.6	9
25	Development of a Synthetic Switch to Control Protein Stability in Eukaryotic Cells with Light. <i>Methods in Molecular Biology</i> , 2017, 1596, 241-255.	0.9	7
26	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.	2.1	7
27	Regulation of exocytotic events by centrosome-analogous structures. <i>Topics in Current Genetics</i> , 2004, , 193-207.	0.7	4
28	Biophotography: concepts, applications and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 3415-3420.	3.6	4
29	An Optogenetic Toolbox for Synergistic Regulation of Protein Abundance. <i>ACS Synthetic Biology</i> , 2021, 10, 3411-3421.	3.8	4
30	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, 17, e2100676.	3.5	3
31	A safety catch for ornithine decarboxylase degradation. <i>Microbial Cell</i> , 2015, 2, 174-177.	3.2	2
32	Development of an Optogenetic Tool to Regulate Protein Stability In Vivo. , 0, , 118-131.		0