

Christof Taxis

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,678
citations

394421

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434195

31
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docs citations

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times ranked

4248
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 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, 17, e2100676. | 3.5 | 3 |
| 2 | An Optogenetic Toolbox for Synergistic Regulation of Protein Abundance. <i>ACS Synthetic Biology</i> , 2021, 10, 3411-3421. | 3.8 | 4 |
| 3 | 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 |
| 4 | Strategies to investigate protein turnover with fluorescent protein reporters in eukaryotic organisms. <i>AIMS Biophysics</i> , 2020, 7, 90-118. | 0.6 | 9 |
| 5 | 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 |
| 6 | Optogenetic Downregulation of Protein Levels with an Ultrasensitive Switch. <i>ACS Synthetic Biology</i> , 2019, 8, 1026-1036. | 3.8 | 24 |
| 7 | Synthetic Control of Protein Degradation during Cell Proliferation and Developmental Processes. <i>ACS Omega</i> , 2019, 4, 2766-2778. | 3.5 | 25 |
| 8 | Proteasome Activity Is Influenced by the HECT_2 Protein Ipa1 in Budding Yeast. <i>Genetics</i> , 2018, 209, 157-171. | 2.9 | 13 |
| 9 | 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 |
| 10 | 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 |
| 11 | Biophotography: concepts, applications and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 3415-3420. | 3.6 | 4 |
| 12 | Controlling Protein Activity and Degradation Using Blue Light. <i>Methods in Molecular Biology</i> , 2016, 1408, 67-78. | 0.9 | 13 |
| 13 | A safety catch for ornithine decarboxylase degradation. <i>Microbial Cell</i> , 2015, 2, 174-177. | 3.2 | 2 |
| 14 | 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 |
| 15 | Photo-sensitive degron variants for tuning protein stability by light. <i>BMC Systems Biology</i> , 2014, 8, 128. | 3.0 | 56 |
| 16 | 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 |
| 17 | A Tobacco Etch Virus Protease with Increased Substrate Tolerance at the P1' position. <i>PLoS ONE</i> , 2013, 8, e67915. | 2.5 | 32 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | TIPI: TEV Protease-Mediated Induction of Protein Instability. <i>Methods in Molecular Biology</i> , 2012, 832, 611-626. | 0.9 | 25 |
| 20 | 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 |
| 21 | Efficient protein depletion by genetically controlled deprotection of a dormant N ^α -degron. <i>Molecular Systems Biology</i> , 2009, 5, 267. | 7.2 | 92 |
| 22 | 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 |
| 23 | 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 |
| 24 | Dynamic Organization of the Actin Cytoskeleton During Meiosis and Spore Formation in Budding Yeast. <i>Traffic</i> , 2006, 7, 1628-1642. | 2.7 | 39 |
| 25 | Nud1p, the yeast homolog of Centriolin, regulates spindle pole body inheritance in meiosis. <i>EMBO Journal</i> , 2006, 25, 3856-3868. | 7.8 | 28 |
| 26 | Spore number control and breeding in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2005, 171, 627-640. | 5.2 | 73 |
| 27 | Regulation of exocytotic events by centrosome-analogous structures. <i>Topics in Current Genetics</i> , 2004, , 193-207. | 0.7 | 4 |
| 28 | 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 |
| 29 | 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 |
| 30 | ER-Golgi Traffic Is a Prerequisite for Efficient ER Degradation. <i>Molecular Biology of the Cell</i> , 2002, 13, 1806-1818. | 2.1 | 105 |
| 31 | Protein dislocation from the ER requires polyubiquitination and the AAA-ATPase Cdc48. <i>Nature Cell Biology</i> , 2002, 4, 134-139. | 10.3 | 489 |
| 32 | Development of an Optogenetic Tool to Regulate Protein Stability In Vivo. , 0, , 118-131. | | 0 |