

Laura Trinkle-Mulcahy

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,284
citations

361413
20
h-index

434195
31
g-index

171
all docs

171
docs citations

171
times ranked

4428
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Identifying specific protein interaction partners using quantitative mass spectrometry and bead proteomes. <i>Journal of Cell Biology</i> , 2008, 183, 223-239. | 5.2 | 404 |
| 2 | OPA1-dependent cristae modulation is essential for cellular adaptation to metabolic demand. <i>EMBO Journal</i> , 2014, 33, 2676-2691. | 7.8 | 312 |
| 3 | Prion-like domains in RNA binding proteins are essential for building subnuclear paraspeckles. <i>Journal of Cell Biology</i> , 2015, 210, 529-539. | 5.2 | 269 |
| 4 | Adaptation to Stressors by Systemic Protein Amyloidogenesis. <i>Developmental Cell</i> , 2016, 39, 155-168. | 7.0 | 136 |
| 5 | Recent advances in proximity-based labeling methods for interactome mapping. <i>F1000Research</i> , 2019, 8, 135. | 1.6 | 124 |
| 6 | Nuclear bodies: new insights into assembly/dynamics and disease relevance. <i>Current Opinion in Cell Biology</i> , 2014, 28, 76-83. | 5.4 | 111 |
| 7 | Mitotic phosphatases: no longer silent partners. <i>Current Opinion in Cell Biology</i> , 2006, 18, 623-631. | 5.4 | 107 |
| 8 | Cajal body proteins SMN and Coilin show differential dynamic behaviour in vivo. <i>Journal of Cell Science</i> , 2003, 116, 2039-2050. | 2.0 | 91 |
| 9 | Regulation of myeloid cell phagocytosis by LRRK2 via WAVE2 complex stabilization is altered in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5164-E5173. | 7.1 | 83 |
| 10 | New insights into nucleolar structure and function. <i>F1000prime Reports</i> , 2015, 7, 48. | 5.9 | 65 |
| 11 | Toward a High-Resolution View of Nuclear Dynamics. <i>Science</i> , 2007, 318, 1402-1407. | 12.6 | 63 |
| 12 | Establishment of a Protein Frequency Library and Its Application in the Reliable Identification of Specific Protein Interaction Partners. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 861-879. | 3.8 | 63 |
| 13 | The Cajal body and the nucleolus: in a relationship or it's complicated?. <i>RNA Biology</i> , 2017, 14, 739-751. | 3.1 | 57 |
| 14 | Polo-like kinase 1 (PLK1) and protein phosphatase 6 (PP6) regulate DNA-dependent protein kinase catalytic subunit (DNA-PKcs) phosphorylation in mitosis. <i>Bioscience Reports</i> , 2014, 34, . | 2.4 | 51 |
| 15 | Resolving protein interactions and complexes by affinity purification followed by label-based quantitative mass spectrometry. <i>Proteomics</i> , 2012, 12, 1623-1638. | 2.2 | 48 |
| 16 | WDR82/PNUTS-PP1 Prevents Transcription-Replication Conflicts by Promoting RNA Polymerase II Degradation on Chromatin. <i>Cell Reports</i> , 2020, 33, 108469. | 6.4 | 33 |
| 17 | PRMT7 methylates eukaryotic translation initiation factor 2 ϵ and regulates its role in stress granule formation. <i>Molecular Biology of the Cell</i> , 2019, 30, 778-793. | 2.1 | 31 |
| 18 | Recent advances in large-scale protein interactome mapping. <i>F1000Research</i> , 2016, 5, 782. | 1.6 | 31 |

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|----|--|------|-----------|
| 19 | Actin-dependent regulation of cilia length by the inverted formin FHDC1. <i>Molecular Biology of the Cell</i> , 2018, 29, 1611-1627. | 2.1 | 29 |
| 20 | Nuclear functions in space and time: Gene expression in a dynamic, constrained environment. <i>FEBS Letters</i> , 2008, 582, 1960-1970. | 2.8 | 23 |
| 21 | Mio depletion links mTOR regulation to Aurora A and Plk1 activation at mitotic centrosomes. <i>Journal of Cell Biology</i> , 2015, 210, 45-62. | 5.2 | 22 |
| 22 | Identification of the PRMT1v1 and PRMT1v2 specific interactomes by quantitative mass spectrometry in breast cancer cells. <i>Proteomics</i> , 2015, 15, 2187-2197. | 2.2 | 19 |
| 23 | Phosphorylation of SAF-A/hnRNP-U Serine 59 by Polo-Like Kinase 1 Is Required for Mitosis. <i>Molecular and Cellular Biology</i> , 2015, 35, 2699-2713. | 2.3 | 17 |
| 24 | Identification of Cdk1â€“LATSâ€“Pin1 as a Novel Signaling Axis in Anti-tubulin Drug Response of Cancer Cells. <i>Molecular Cancer Research</i> , 2018, 16, 1035-1045. | 3.4 | 17 |
| 25 | Visualization of Intracellular PP1 Targeting Through Transiently and Stably Expressed Fluorescent Protein Fusions. , 2007, 365, 133-154. | | 14 |
| 26 | Regulation of Macropinocytosis by Diacylglycerol Kinase Î¶. <i>PLoS ONE</i> , 2015, 10, e0144942. | 2.5 | 14 |
| 27 | Autophagy and Adult Neurogenesis: Discoveries Made Half a Century Ago Yet in their Infancy of being Connected. <i>Brain Plasticity</i> , 2017, 3, 99-110. | 3.5 | 13 |
| 28 | Regulation of ATR activity via the RNA polymerase II associated factors CDC73 and PNUTS-PP1. <i>Nucleic Acids Research</i> , 2019, 47, 1797-1813. | 14.5 | 13 |
| 29 | Cdx2 Regulates Gene Expression through Recruitment of Brg1-associated Switch-Sucrose Non-fermentable (SWI-SNF) Chromatin Remodeling Activity. <i>Journal of Biological Chemistry</i> , 2017, 292, 3389-3399. | 3.4 | 11 |
| 30 | Expansion microscopy-based imaging of nuclear structures in cultured cells. <i>STAR Protocols</i> , 2021, 2, 100630. | 1.2 | 7 |
| 31 | Using affinity purification coupled with stable isotope labeling by amino acids in cell culture quantitative mass spectrometry to identify novel interactors/substrates of protein arginine methyltransferases. <i>Methods</i> , 2020, 175, 44-52. | 3.8 | 3 |
| 32 | A Nuclear Stress Pathway that Parallels Cytoplasmic Stress Granule Formation. <i>IScience</i> , 2020, 23, 101664. | 4.1 | 3 |
| 33 | Mapping New Residents of the Mitochondrial Nucleoid. <i>Cell Chemical Biology</i> , 2017, 24, 250-251. | 5.2 | 0 |
| 34 | BioID organelle mapping: you are the company you keep. <i>Trends in Biochemical Sciences</i> , 2021, 46, 950-952. | 7.5 | 0 |