Laura Trinkle-Mulcahy

List of Publications by Year
in descending order

34 papers	2,284 citations	361045 20 h-index	433756 31 g-index
171 all docs	171 docs citations	171 times ranked	4428 citing authors

#	Article	IF	Citations
1	Expansion microscopy-based imaging of nuclear structures in cultured cells. STAR Protocols, 2021, 2, 100630.	0.5	7
2	BioID organelle mapping: you are the company you keep. Trends in Biochemical Sciences, 2021, 46, 950-952.	3.7	0
3	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. Methods, 2020, 175, 44-52.	1.9	3
4	WDR82/PNUTS-PP1 Prevents Transcription-Replication Conflicts by Promoting RNA Polymerase II Degradation on Chromatin. Cell Reports, 2020, 33, 108469.	2.9	33
5	A Nuclear Stress Pathway that Parallels Cytoplasmic Stress Granule Formation. IScience, 2020, 23, 101664.	1.9	3
6	PRMT7 methylates eukaryotic translation initiation factor 2Î± and regulates its role in stress granule formation. Molecular Biology of the Cell, 2019, 30, 778-793.	0.9	31
7	Recent advances in proximity-based labeling methods for interactome mapping. F1000Research, 2019, 8, 135.	0.8	124
8	Regulation of ATR activity via the RNA polymerase II associated factors CDC73 and PNUTS-PP1. Nucleic Acids Research, 2019, 47, 1797-1813.	6.5	13
9	Identification of Cdk1â€“LATSâ€“Pin1 as a Novel Signaling Axis in Anti-tubulin Drug Response of Cancer Cells. Molecular Cancer Research, 2018, 16, 1035-1045.	1.5	17
10	Regulation of myeloid cell phagocytosis by LRRK2 via WAVE2 complex stabilization is altered in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5164-E5173.	3.3	83
11	Actin-dependent regulation of cilia length by the inverted formin FHDC1. Molecular Biology of the Cell, 2018, 29, 1611-1627.	0.9	29
12	Cdx2 Regulates Gene Expression through Recruitment of Brg1-associated Switch-Sucrose Non-fermentable (SWI-SNF) Chromatin Remodeling Activity. Journal of Biological Chemistry, 2017, 292, 3389-3399.	1.6	11
13	Mapping New Residents of the Mitochondrial Nucleoid. Cell Chemical Biology, 2017, 24, 250-251.	2.5	0
14	Autophagy and Adult Neurogenesis: Discoveries Made Half a Century Ago Yet in their Infancy of being Connected. Brain Plasticity, 2017, 3, 99-110.	1.9	13
15	The Cajal body and the nucleolus: â€œIn a relationshipâ€•or â€œIt's complicatedâ€?. RNA Biology, 2017, 14, 739-751.	1.5	57
16	Adaptation to Stressors by Systemic Protein Amyloidogenesis. Developmental Cell, 2016, 39, 155-168.	3.1	136
17	Recent advances in large-scale protein interactome mapping. F1000Research, 2016, 5, 782.	0.8	31
18	Regulation of Macropinocytosis by Diacylglycerol Kinase Î¶. PLoS ONE, 2015, 10, e0144942.	1.1	14

#	Article	IF	Citations
19	Phosphorylation of SAF-A/hnRNP-U Serine 59 by Polo-Like Kinase 1 Is Required for Mitosis. Molecular and Cellular Biology, 2015, 35, 2699-2713.	1.1	17
20	Identification of the PRMT1v1 and PRMT1v2 specific interactomes by quantitative mass spectrometry in breast cancer cells. Proteomics, 2015, 15, 2187-2197.	1.3	19
21	New insights into nucleolar structure and function. F1000prime Reports, 2015, 7, 48.	5.9	65
22	Mio depletion links mTOR regulation to Aurora A and Plk1 activation at mitotic centrosomes. Journal of Cell Biology, 2015, 210, 45-62.	2.3	22
23	Prion-like domains in RNA binding proteins are essential for building subnuclear paraspeckles. Journal of Cell Biology, 2015, 210, 529-539.	2.3	269
24	Polo-like kinase 1 (PLK1) and protein phosphatase 6 (PP6) regulate DNA-dependent protein kinase catalytic subunit (DNA-PKcs) phosphorylation in mitosis. Bioscience Reports, 2014, 34, .	1.1	51
25	Nuclear bodies: new insights into assembly/dynamics and disease relevance. Current Opinion in Cell Biology, 2014, 28, 76-83.	2.6	111
26	OPA1â€dependent cristae modulation is essential for cellular adaptation to metabolic demand. EMBO Journal, 2014, 33, 2676-2691.	3.5	312
27	Resolving protein interactions and complexes by affinity purification followed by labelâ€based quantitative mass spectrometry. Proteomics, 2012, 12, 1623-1638.	1.3	48
28	Establishment of a Protein Frequency Library and Its Application in the Reliable Identification of Specific Protein Interaction Partners. Molecular and Cellular Proteomics, 2010, 9, 861-879.	2.5	63
29	Nuclear functions in space and time: Gene expression in a dynamic, constrained environment. FEBS Letters, 2008, 582, 1960-1970.	1.3	23
30	Identifying specific protein interaction partners using quantitative mass spectrometry and bead proteomes. Journal of Cell Biology, 2008, 183, 223-239.	2.3	404
31	Visualization of Intracellular PP1 Targeting Through Transiently and Stably Expressed Fluorescent Protein Fusions. , 2007, 365, 133-154.		14
32	Toward a High-Resolution View of Nuclear Dynamics. Science, 2007, 318, 1402-1407.	6.0	63
33	Mitotic phosphatases: no longer silent partners. Current Opinion in Cell Biology, 2006, 18, 623-631.	2.6	107
34	Cajal body proteins SMN and Coilin show differential dynamic behaviour in vivo. Journal of Cell Science, 2003, 116, 2039-2050.	1.2	91