Nayana Prabhu

List of Publications by Citations

11 papers	426 citations	9 h-index	12 g-index
12 ext. papers	620 ext. citations	19.3 avg, IF	3.56 L-index

#	Paper	IF	Citations
11	Thermal proximity coaggregation for system-wide profiling of protein complex dynamics in cells. *Science*, **2018**, 359, 1170-1177	33.3	90
10	Identifying purine nucleoside phosphorylase as the target of quinine using cellular thermal shift assay. *Science Translational Medicine*, **2019**, 11,	17.5	81
9	Modulation of Protein-Interaction States through the Cell Cycle. *Cell*, **2018**, 173, 1481-1494.e13	56.2	80
8	Dual blockade of the lipid kinase PIP4Ks and mitotic pathways leads to cancer-selective lethality. *Nature Communications*, **2017**, 8, 2200	17.4	46
7	Horizontal Cell Biology: Monitoring Global Changes of Protein Interaction States with the Proteome-Wide Cellular Thermal Shift Assay (CETSA). *Annual Review of Biochemistry*, **2019**, 88, 383-408	29.1	39
6	Cellular thermal shift assay for the identification of drug-target interactions in the Plasmodium falciparum proteome. *Nature Protocols*, **2020**, 15, 1881-1921	18.8	27
5	Monitoring structural modulation of redox-sensitive proteins in cells with MS-CETSA. *Redox Biology*, **2019**, 24, 101168	11.3	23
4	An efficient proteome-wide strategy for discovery and characterization of cellular nucleotide-protein interactions. *PLoS ONE*, **2018**, 13, e0208273	3.7	22
3	CETSA in integrated proteomics studies of cellular processes. *Current Opinion in Chemical Biology*, **2020**, 54, 54-62	9.7	16
2	Recent advances in proteome-wide label-free target deconvolution for bioactive small molecules. *Medicinal Research Reviews*, **2021**, 41, 2893-2926	14.4	1
1	CETSA interaction proteomics define specific RNA-modification pathways as key components of fluorouracil-based cancer drug cytotoxicity. *Cell Chemical Biology*, **2021**,	8.2	1