Sheng-hong Chen

List of Publications by Year
in descending order

16	1,045	759233 12	996975 15
papers	citations	h-index	g-index

17	17	17	1695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional buffering via cell-specific gene expression promotes tissue homeostasis and cancer robustness. Scientific Reports, 2022, 12, 2974.	3.3	2
2	Multistability maintains redox homeostasis in human cells. Molecular Systems Biology, 2021, 17, e10480.	7.2	8
3	Inferring Leading Interactions in the p53/Mdm2/Mdmx Circuit through Live-Cell Imaging and Modeling. Cell Systems, 2019, 9, 548-558.e5.	6.2	16
4	Two is better than one; toward a rational design of combinatorial therapy. Current Opinion in Structural Biology, 2016, 41, 145-150.	5.7	47
5	Schedule-dependent interaction between anticancer treatments. Science, 2016, 351, 1204-1208.	12.6	62
6	Direct Binding of SAS-6 to ZYG-1 Recruits SAS-6 to the Mother Centriole for Cartwheel Assembly. Developmental Cell, 2013, 25, 284-298.	7.0	55
7	Incoherent feed-forward regulatory logic underpinning glucocorticoid receptor action. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1964-1969.	7.1	27
8	A Proteome-wide Analysis of Kinase-Substrate Network in the DNA Damage Response. Journal of Biological Chemistry, 2010, 285, 12803-12812.	3.4	110
9	hNOA1 Interacts with Complex I and DAP3 and Regulates Mitochondrial Respiration and Apoptosis. Journal of Biological Chemistry, 2009, 284, 5414-5424.	3.4	39
10	Reconstitution of Rad53 Activation by Mec1 through Adaptor Protein Mrc1. Journal of Biological Chemistry, 2009, 284, 18593-18604.	3.4	42
11	Proteome-wide identification of in vivo targets of DNA damage checkpoint kinases. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10364-10369.	7.1	378
12	Mechanism of Dun1 Activation by Rad53 Phosphorylation in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2007, 282, 986-995.	3.4	68
13	Quantitative Phosphoproteomic Analysis Identifies Targets of the DNA Damage Checkpoint Kinases in Yeast. FASEB Journal, 2007, 21, A659.	0.5	0
14	An FHA domainâ€“mediated protein interaction network of Rad53 reveals its role in polarized cell growth. Journal of Cell Biology, 2006, 175, 743-753.	5.2	85
15	Dynamic Changes in Protein-Protein Interaction and Protein Phosphorylation Probed with Amine-reactive Isotope Tag. Molecular and Cellular Proteomics, 2005, 4, 1358-1369.	3.8	71
16	Tandem mass spectrometry identifies proteins phosphorylated by cyclic AMP-dependent protein kinase when sea urchin sperm undergo the acrosome reaction. Developmental Biology, 2005, 285, 116-125.	2.0	35