

Bo Zhai

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

3,042
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

7378
citing authors

#	ARTICLE	IF	CITATIONS
1	The BioPlex Network: A Systematic Exploration of the Human Interactome. <i>Cell</i> , 2015, 162, 425-440.	28.9	1,241
2	A mass-tolerant database search identifies a large proportion of unassigned spectra in shotgun proteomics as modified peptides. <i>Nature Biotechnology</i> , 2015, 33, 743-749.	17.5	371
3	mTOR inhibition activates overall protein degradation by the ubiquitin proteasome system as well as by autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15790-15797.	7.1	364
4	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , 2014, 508, 541-545.	27.8	285
5	Phosphoproteome Analysis of <i>Drosophila melanogaster</i> Embryos. <i>Journal of Proteome Research</i> , 2008, 7, 1675-1682.	3.7	250
6	Prolyl hydroxylation by EglN2 destabilizes FOXO3a by blocking its interaction with the USP9x deubiquitinase. <i>Genes and Development</i> , 2014, 28, 1429-1444.	5.9	111
7	Quantitative phosphoproteomic analysis reveals system-wide signaling pathways downstream of SDF-1/CXCR4 in breast cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2182-90.	7.1	109
8	Transcription Factor Networks in <i>Drosophila melanogaster</i> . <i>Cell Reports</i> , 2014, 8, 2031-2043.	6.4	83
9	Combining Genetic Perturbations and Proteomics to Examine Kinase-Phosphatase Networks in <i>Drosophila</i> Embryos. <i>Developmental Cell</i> , 2014, 31, 114-127.	7.0	64
10	Regulation of Cellular Levels of Sprouty2 Protein by Prolyl Hydroxylase Domain and von Hippel-Lindau Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 42027-42036.	3.4	50
11	MEKK2 mediates an alternative β -catenin pathway that promotes bone formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1226-35.	7.1	47
12	Nicotinamide N-Methyltransferase Interacts with Enzymes of the Methionine Cycle and Regulates Methyl Donor Metabolism. <i>Biochemistry</i> , 2018, 57, 5775-5779.	2.5	35
13	MicroRNA-8 promotes robust motor axon targeting by coordinate regulation of cell adhesion molecules during synapse development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130517.	4.0	26
14	Reply to "Phosphorylation sites of higher stoichiometry are more conserved". <i>Nature Methods</i> , 2012, 9, 318-318.	19.0	2