Akihisa Matsuyama

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	1,787 citations	16 h-index	23 g-index
23 ext. papers	2,005 ext. citations	10.9 avg, IF	3.61 L-index

#	Paper	IF	Citations
22	In vivo destabilization of dynamic microtubules by HDAC6-mediated deacetylation. *EMBO Journal*, **2002**, 21, 6820-31	13	542
21	ORFeome cloning and global analysis of protein localization in the fission yeast Schizosaccharomyces pombe. *Nature Biotechnology*, **2006**, 24, 841-7	44.5	443
20	From discovery to the coming generation of histone deacetylase inhibitors. *Current Medicinal Chemistry*, **2003**, 10, 2351-8	4.3	114
19	Marine antifungal theonellamides target 3beta-hydroxysterol to activate Rho1 signaling. *Nature Chemical Biology*, **2010**, 6, 519-26	11.7	99
18	Translational control of cell division by Elongator. *Cell Reports*, **2012**, 1, 424-33	10.6	96
17	Global analysis of gel mobility of proteins and its use in target identification. *Journal of Biological Chemistry*, **2008**, 283, 10745-52	5.4	95
16	pDUAL, a multipurpose, multicopy vector capable of chromosomal integration in fission yeast. *Yeast*, **2004**, 21, 1289-305	3.4	85
15	A Proteome-wide Fission Yeast Interactome Reveals Network Evolution Principles from Yeasts to Human. *Cell*, **2016**, 164, 310-323	56.2	67
14	SUMOylation regulates telomere length by targeting the shelterin subunit Tpz1(Tpp1) to modulate shelterin-Stn1 interaction in fission yeast. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 5950-5	11.5	31
13	PostMod: sequence based prediction of kinase-specific phosphorylation sites with indirect relationship. *BMC Bioinformatics*, **2010**, 11 Suppl 1, S10	3.6	31
12	Cross-species protein interactome mapping reveals species-specific wiring of stress response pathways. *Science Signaling*, **2013**, 6, ra38	8.8	29
11	Effects of downregulated HDAC6 expression on the proliferation of lung cancer cells. *Biochemical and Biophysical Research Communications*, **2008**, 374, 84-9	3.4	27
10	Inhibition of splicing and nuclear retention of pre-mRNA by spliceostatin A in fission yeast. *Biochemical and Biophysical Research Communications*, **2007**, 364, 573-7	3.4	26
9	New insights into chemical biology from ORFeome libraries. *Current Opinion in Chemical Biology*, **2008**, 12, 55-9	9.7	21
8	A series of promoters for constitutive expression of heterologous genes in fission yeast. *Yeast*, **2008**, 25, 371-6	3.4	20
7	Microarray-based target identification using drug hypersensitive fission yeast expressing ORFeome. *Molecular BioSystems*, **2011**, 7, 1463-72		16
6	Diminishing HDACs by drugs or mutations promotes normal or abnormal sister chromatid separation by affecting APC/C and adherin. *Journal of Cell Science*, **2008**, 121, 1107-18	5.3	13

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5	A novel series of vectors for chromosomal integration in fission yeast. *Biochemical and Biophysical Research Communications*, **2008**, 374, 315-9	3.4	12
4	Determining proteome-wide expression levels using reverse protein arrays in fission yeast. *Nature Protocols*, **2012**, 7, 1830-5	18.8	7
3	Mitochondrial localization of fission yeast manganese superoxide dismutase is required for its lysine acetylation and for cellular stress resistance and respiratory growth. *Biochemical and Biophysical Research Communications*, **2011**, 406, 42-6	3.4	6
2	Heterologous gene expression by chromosomal integration in fission yeast. *Methods in Molecular Biology*, **2012**, 824, 433-50	1.4	5
1	Chemical Proteomics: A Global Study of Protein–Small Molecule Interactions26-36		