Hiroyuki Inuzuka

List of Publications by Year in Descending Order

45 papers	3,326 citations	28 h-index	48 g-index
48 ext. papers	3,887 ext. citations	15.6 avg, IF	4.73 L-index

#	Paper	IF	Citations
45	The regulation of neuronal autophagy and cell survival by MCL1 in Alzheimer\'s disease. **2022**, 1, 42-55		1
44	PROTACs technology for treatment of Alzheimer\'s disease: Advances and perspectives. **2022**, 1, 24-41		1
43	Acetylation-dependent regulation of BRAF oncogenic function.. *Cell Reports*, **2022**, 38, 110250	10.6	1
42	Interplay between protein acetylation and ubiquitination controls MCL1 protein stability. *Cell Reports*, **2021**, 37, 109988	10.6	1
41	PCAF and SIRT1 modulate βTrCP1 protein stability in an acetylation-dependent manner. *Journal of Genetics and Genomics*, **2021**, 48, 652-655	4	0
40	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. *Cell Research*, **2021**, 31, 80-93	24.7	21
39	Inhibition of CK1βpotentiates the therapeutic efficacy of CDK4/6 inhibitor in breast cancer. *Nature Communications*, **2021**, 12, 5386	17.4	1
38	Lipin-2 degradation elicits a proinflammatory gene signature in macrophages. *Biochemical and Biophysical Research Communications*, **2020**, 524, 477-483	3.4	6
37	Phosphorylation-dependent osterix degradation negatively regulates osteoblast differentiation. *FASEB Journal*, **2020**, 34, 14930-14945	0.9	5
36	Acetylation-dependent regulation of PD-L1 nuclear translocation dictates the efficacy of anti-PD-1 immunotherapy. *Nature Cell Biology*, **2020**, 22, 1064-1075	23.4	57
35	SCFβTrCP ubiquitinates CHK1 in an AMPK-dependent manner in response to glucose deprivation. *Molecular Oncology*, **2019**, 13, 307-321	7.9	14
34	Physiological functions of FBW7 in cancer and metabolism. *Cellular Signalling*, **2018**, 46, 15-22	4.9	33
33	SCF E3 ubiquitin ligase targets the tumor suppressor ZNRF3 for ubiquitination and degradation. *Protein and Cell*, **2018**, 9, 879-889	7.2	8
32	Skp2-dependent reactivation of AKT drives resistance to PI3K inhibitors. *Science Signaling*, **2018**, 11,	8.8	28
31	SCF-mediated degradation of Brg1 suppresses gastric cancer metastasis. *Nature Communications*, **2018**, 9, 3569	17.4	36
30	The APC/C E3 Ligase Complex Activator FZR1 Restricts BRAF Oncogenic Function. *Cancer Discovery*, **2017**, 7, 424-441	24.4	47
29	G1 cyclins link proliferation, pluripotency and differentiation of embryonic stem cells. *Nature Cell Biology*, **2017**, 19, 177-188	23.4	76

28	Acetylation-dependent regulation of MDM2 E3 ligase activity dictates its oncogenic function. *Science Signaling*, **2017**, 10,	8.8	38
27	The SCFβTRCP E3 ubiquitin ligase complex targets Lipin1 for ubiquitination and degradation to promote hepatic lipogenesis. *Science Signaling*, **2017**, 10,	8.8	32
26	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. *Nature Medicine*, **2017**, 23, 1063-1071	50.5	169
25	SOX9 is targeted for proteasomal degradation by the E3 ligase FBW7 in response to DNA damage. *Nucleic Acids Research*, **2016**, 44, 8855-8869	20.1	28
24	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. *Science*, **2016**, 353, 929-32	33.3	120
23	Smurf1 regulation of DAB2IP controls cell proliferation and migration. *Oncotarget*, **2016**, 7, 26057-69	3.3	22
22	SPOP Promotes Ubiquitination and Degradation of the ERG Oncoprotein to Suppress Prostate Cancer Progression. *Molecular Cell*, **2015**, 59, 917-30	17.6	136
21	FBXW7 and USP7 regulate CCDC6 turnover during the cell cycle and affect cancer drugs susceptibility in NSCLC. *Oncotarget*, **2015**, 6, 12697-709	3.3	34
20	SCF(βTRCP) promotes cell growth by targeting PR-Set7/Set8 for degradation. *Nature Communications*, **2015**, 6, 10185	17.4	27
19	Roles of F-box proteins in cancer. *Nature Reviews Cancer*, **2014**, 14, 233-47	31.3	309
18	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. *Nature*, **2014**, 508, 541-5	50.4	232
17	SGK3 mediates INPP4B-dependent PI3K signaling in breast cancer. *Molecular Cell*, **2014**, 56, 595-607	17.6	105
16	Acetylation-dependent regulation of essential iPS-inducing factors: a regulatory crossroad for pluripotency and tumorigenesis. *Cancer Medicine*, **2014**, 3, 1211-24	4.8	16
15	Cyclin C is a haploinsufficient tumour suppressor. *Nature Cell Biology*, **2014**, 16, 1080-91	23.4	94
14	APC(Cdc20) suppresses apoptosis through targeting Bim for ubiquitination and destruction. *Developmental Cell*, **2014**, 29, 377-91	10.2	90
13	SCFβTRCP regulates osteoclastogenesis via promoting CYLD ubiquitination. *Oncotarget*, **2014**, 5, 4211-21	3.3	14
12	SIRT1 phosphorylation by AMP-activated protein kinase regulates p53 acetylation. *American Journal of Cancer Research*, **2014**, 4, 245-55	4.4	41
11	DNA damage regulates UHRF1 stability via the SCF(βTrCP) E3 ligase. *Molecular and Cellular Biology* , **2013**, 33, 1139-48	4.8	35

10	SCF □TRCP targets MTSS1 for ubiquitination-mediated destruction to regulate cancer cell proliferation and migration. *Oncotarget*, **2013**, 4, 2339-53	3.3	43
9	SCF(□TRCP) suppresses angiogenesis and thyroid cancer cell migration by promoting ubiquitination and destruction of VEGF receptor 2. *Journal of Experimental Medicine*, **2012**, 209, 1289-307	16.6	68
8	Acetylation-dependent regulation of Skp2 function. *Cell*, **2012**, 150, 179-93	56.2	153
7	Skp2 is a promising therapeutic target in breast cancer. *Frontiers in Oncology*, **2012**, 1,	5.3	51
6	mTOR drives its own activation via SCF(□rCP)-dependent degradation of the mTOR inhibitor DEPTOR. *Molecular Cell*, **2011**, 44, 290-303	17.6	191
5	SCF(FBW7) regulates cellular apoptosis by targeting MCL1 for ubiquitylation and destruction. *Nature*, **2011**, 471, 104-9	50.4	489
4	Mcl-1 ubiquitination and destruction. *Oncotarget*, **2011**, 2, 239-44	3.3	70
3	Phosphorylation by casein kinase I promotes the turnover of the Mdm2 oncoprotein via the SCF(beta-TRCP) ubiquitin ligase. *Cancer Cell*, **2010**, 18, 147-59	24.3	164
2	Novel insights into the molecular mechanisms governing Mdm2 ubiquitination and destruction. *Oncotarget*, **2010**, 1, 685-90	3.3	23
1	Phosphorylation by Akt1 promotes cytoplasmic localization of Skp2 and impairs APCCdh1-mediated Skp2 destruction. *Nature Cell Biology*, **2009**, 11, 397-408	23.4	193