

Hiroyuki Inuzuka

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.

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	SCF(FBW7) regulates cellular apoptosis by targeting MCL1 for ubiquitylation and destruction. <i>Nature</i> , 2011 , 471, 104-9	50.4	489
44	Roles of F-box proteins in cancer. <i>Nature Reviews Cancer</i> , 2014 , 14, 233-47	31.3	309
43	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , 2014 , 508, 541-5	50.4	232
42	Phosphorylation by Akt1 promotes cytoplasmic localization of Skp2 and impairs APCCdh1-mediated Skp2 destruction. <i>Nature Cell Biology</i> , 2009 , 11, 397-408	23.4	193
41	mTOR drives its own activation via SCF(β TRCP)-dependent degradation of the mTOR inhibitor DEPTOR. <i>Molecular Cell</i> , 2011 , 44, 290-303	17.6	191
40	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. <i>Nature Medicine</i> , 2017 , 23, 1063-1071	50.5	169
39	Phosphorylation by casein kinase I promotes the turnover of the Mdm2 oncoprotein via the SCF(β -TRCP) ubiquitin ligase. <i>Cancer Cell</i> , 2010 , 18, 147-59	24.3	164
38	Acetylation-dependent regulation of Skp2 function. <i>Cell</i> , 2012 , 150, 179-93	56.2	153
37	SPOP Promotes Ubiquitination and Degradation of the ERG Oncoprotein to Suppress Prostate Cancer Progression. <i>Molecular Cell</i> , 2015 , 59, 917-30	17.6	136
36	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. <i>Science</i> , 2016 , 353, 929-32	33.3	120
35	SGK3 mediates INPP4B-dependent PI3K signaling in breast cancer. <i>Molecular Cell</i> , 2014 , 56, 595-607	17.6	105
34	Cyclin C is a haploinsufficient tumour suppressor. <i>Nature Cell Biology</i> , 2014 , 16, 1080-91	23.4	94
33	APC(Cdc20) suppresses apoptosis through targeting Bim for ubiquitination and destruction. <i>Developmental Cell</i> , 2014 , 29, 377-91	10.2	90
32	G1 cyclins link proliferation, pluripotency and differentiation of embryonic stem cells. <i>Nature Cell Biology</i> , 2017 , 19, 177-188	23.4	76
31	Mcl-1 ubiquitination and destruction. <i>Oncotarget</i> , 2011 , 2, 239-44	3.3	70
30	SCF(β TRCP) suppresses angiogenesis and thyroid cancer cell migration by promoting ubiquitination and destruction of VEGF receptor 2. <i>Journal of Experimental Medicine</i> , 2012 , 209, 1289-307	16.6	68
29	Acetylation-dependent regulation of PD-L1 nuclear translocation dictates the efficacy of anti-PD-1 immunotherapy. <i>Nature Cell Biology</i> , 2020 , 22, 1064-1075	23.4	57

28	Skp2 is a promising therapeutic target in breast cancer. <i>Frontiers in Oncology</i> , 2012 , 1,	5.3	51
27	The APC/C E3 Ligase Complex Activator FZR1 Restricts BRAF Oncogenic Function. <i>Cancer Discovery</i> , 2017 , 7, 424-441	24.4	47
26	SCF ^{βTrCP} targets MTSS1 for ubiquitination-mediated destruction to regulate cancer cell proliferation and migration. <i>Oncotarget</i> , 2013 , 4, 2339-53	3.3	43
25	SIRT1 phosphorylation by AMP-activated protein kinase regulates p53 acetylation. <i>American Journal of Cancer Research</i> , 2014 , 4, 245-55	4.4	41
24	Acetylation-dependent regulation of MDM2 E3 ligase activity dictates its oncogenic function. <i>Science Signaling</i> , 2017 , 10,	8.8	38
23	SCF-mediated degradation of Brg1 suppresses gastric cancer metastasis. <i>Nature Communications</i> , 2018 , 9, 3569	17.4	36
22	DNA damage regulates UHRF1 stability via the SCF(βTrCP) E3 ligase. <i>Molecular and Cellular Biology</i> , 2013 , 33, 1139-48	4.8	35
21	FBXW7 and USP7 regulate CCDC6 turnover during the cell cycle and affect cancer drugs susceptibility in NSCLC. <i>Oncotarget</i> , 2015 , 6, 12697-709	3.3	34
20	Physiological functions of FBW7 in cancer and metabolism. <i>Cellular Signalling</i> , 2018 , 46, 15-22	4.9	33
19	The SCF ^{βTrCP} E3 ubiquitin ligase complex targets Lipin1 for ubiquitination and degradation to promote hepatic lipogenesis. <i>Science Signaling</i> , 2017 , 10,	8.8	32
18	Skp2-dependent reactivation of AKT drives resistance to PI3K inhibitors. <i>Science Signaling</i> , 2018 , 11,	8.8	28
17	SOX9 is targeted for proteasomal degradation by the E3 ligase FBW7 in response to DNA damage. <i>Nucleic Acids Research</i> , 2016 , 44, 8855-8869	20.1	28
16	SCF(βTrCP) promotes cell growth by targeting PR-Set7/Set8 for degradation. <i>Nature Communications</i> , 2015 , 6, 10185	17.4	27
15	Novel insights into the molecular mechanisms governing Mdm2 ubiquitination and destruction. <i>Oncotarget</i> , 2010 , 1, 685-90	3.3	23
14	Smurf1 regulation of DAB2IP controls cell proliferation and migration. <i>Oncotarget</i> , 2016 , 7, 26057-69	3.3	22
13	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. <i>Cell Research</i> , 2021 , 31, 80-93	24.7	21
12	Acetylation-dependent regulation of essential iPS-inducing factors: a regulatory crossroad for pluripotency and tumorigenesis. <i>Cancer Medicine</i> , 2014 , 3, 1211-24	4.8	16
11	SCF ^{βTrCP} regulates osteoclastogenesis via promoting CYLD ubiquitination. <i>Oncotarget</i> , 2014 , 5, 4211-21	3.3	14

10	SCF ^{E3} TrCP ubiquitinates CHK1 in an AMPK-dependent manner in response to glucose deprivation. <i>Molecular Oncology</i> , 2019 , 13, 307-321	7.9	14
9	SCF E3 ubiquitin ligase targets the tumor suppressor ZNRF3 for ubiquitination and degradation. <i>Protein and Cell</i> , 2018 , 9, 879-889	7.2	8
8	Lipin-2 degradation elicits a proinflammatory gene signature in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 524, 477-483	3.4	6
7	Phosphorylation-dependent osterix degradation negatively regulates osteoblast differentiation. <i>FASEB Journal</i> , 2020 , 34, 14930-14945	0.9	5
6	The regulation of neuronal autophagy and cell survival by MCL1 in Alzheimer's disease. 2022 , 1, 42-55		1
5	PROTACs technology for treatment of Alzheimer's disease: Advances and perspectives. 2022 , 1, 24-41		1
4	Acetylation-dependent regulation of BRAF oncogenic function.. <i>Cell Reports</i> , 2022 , 38, 110250	10.6	1
3	Interplay between protein acetylation and ubiquitination controls MCL1 protein stability. <i>Cell Reports</i> , 2021 , 37, 109988	10.6	1
2	Inhibition of CK1 δ potentiates the therapeutic efficacy of CDK4/6 inhibitor in breast cancer. <i>Nature Communications</i> , 2021 , 12, 5386	17.4	1
1	PCAF and SIRT1 modulate TrCP1 protein stability in an acetylation-dependent manner. <i>Journal of Genetics and Genomics</i> , 2021 , 48, 652-655	4	0