

Lixin Wan

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55
papers

3,459
citations

30
h-index

57
g-index

57
ext. papers

4,085
ext. citations

15.1
avg, IF

4.6
L-index

#	Paper	IF	Citations
55	SCF(FBW7) regulates cellular apoptosis by targeting MCL1 for ubiquitylation and destruction. <i>Nature</i> , 2011 , 471, 104-9	50.4	489
54	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , 2014 , 508, 541-5	50.4	232
53	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
52	Cancer-associated PTEN mutants act in a dominant-negative manner to suppress PTEN protein function. <i>Cell</i> , 2014 , 157, 595-610	56.2	190
51	Sin1 phosphorylation impairs mTORC2 complex integrity and inhibits downstream Akt signalling to suppress tumorigenesis. <i>Nature Cell Biology</i> , 2013 , 15, 1340-50	23.4	180
50	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
49	Acetylation-dependent regulation of Skp2 function. <i>Cell</i> , 2012 , 150, 179-93	56.2	153
48	Tumor suppressor functions of FBW7 in cancer development and progression. <i>FEBS Letters</i> , 2012 , 586, 1409-18	3.8	126
47	Reactivation of PTEN tumor suppressor for cancer treatment through inhibition of a MYC-WWP1 inhibitory pathway. <i>Science</i> , 2019 , 364,	33.3	115
46	Targeting Cdc20 as a novel cancer therapeutic strategy. <i>Pharmacology & Therapeutics</i> , 2015 , 151, 141-51	13.9	112
45	MC1R is a potent regulator of PTEN after UV exposure in melanocytes. <i>Molecular Cell</i> , 2013 , 51, 409-22	17.6	104
44	Phosphorylation of EZH2 by AMPK Suppresses PRC2 Methyltransferase Activity and Oncogenic Function. <i>Molecular Cell</i> , 2018 , 69, 279-291.e5	17.6	91
43	APC(Cdc20) suppresses apoptosis through targeting Bim for ubiquitination and destruction. <i>Developmental Cell</i> , 2014 , 29, 377-91	10.2	90
42	Cdh1 regulates osteoblast function through an APC/C-independent modulation of Smurf1. <i>Molecular Cell</i> , 2011 , 44, 721-33	17.6	78
41	Rictor forms a complex with Cullin-1 to promote SGK1 ubiquitination and destruction. <i>Molecular Cell</i> , 2010 , 39, 797-808	17.6	75
40	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
39	Cdc20: a potential novel therapeutic target for cancer treatment. <i>Current Pharmaceutical Design</i> , 2013 , 19, 3210-4	3.3	67

38	Cdh1 regulates cell cycle through modulating the claspin/Chk1 and the Rb/E2F1 pathways. <i>Molecular Biology of the Cell</i> , 2009 , 20, 3305-16	3.5	57
37	SCF-mediated Cdh1 degradation defines a negative feedback system that coordinates cell-cycle progression. <i>Cell Reports</i> , 2013 , 4, 803-16	10.6	55
36	Functional characterization of Anaphase Promoting Complex/Cyclosome (APC/C) E3 ubiquitin ligases in tumorigenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014 , 1845, 277-93	11.2	55
35	PLK1 stabilizes a MYC-dependent kinase network in aggressive B cell lymphomas. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5517-5530	15.9	49
34	The APC/C E3 Ligase Complex Activator FZR1 Restricts BRAF Oncogenic Function. <i>Cancer Discovery</i> , 2017 , 7, 424-441	24.4	47
33	FBW7 Loss Promotes Chromosomal Instability and Tumorigenesis via Cyclin E1/CDK2-Mediated Phosphorylation of CENP-A. <i>Cancer Research</i> , 2017 , 77, 4881-4893	10.1	47
32	SCF ^{TRCP} targets MTSS1 for ubiquitination-mediated destruction to regulate cancer cell proliferation and migration. <i>Oncotarget</i> , 2013 , 4, 2339-53	3.3	43
31	A covalently bound inhibitor triggers EZH2 degradation through CHIP-mediated ubiquitination. <i>EMBO Journal</i> , 2017 , 36, 1243-1260	13	41
30	HDAC8 Regulates a Stress Response Pathway in Melanoma to Mediate Escape from BRAF Inhibitor Therapy. <i>Cancer Research</i> , 2019 , 79, 2947-2961	10.1	37
29	SCF ^{TRCP} -mediated degradation of NEDD4 inhibits tumorigenesis through modulating the PTEN/Akt signaling pathway. <i>Oncotarget</i> , 2014 , 5, 1026-37	3.3	36
28	SCF-mediated degradation of Brg1 suppresses gastric cancer metastasis. <i>Nature Communications</i> , 2018 , 9, 3569	17.4	36
27	Prostate cancer-associated mutation in SPOP impairs its ability to target Cdc20 for poly-ubiquitination and degradation. <i>Cancer Letters</i> , 2017 , 385, 207-214	9.9	33
26	The two faces of FBW7 in cancer drug resistance. <i>BioEssays</i> , 2011 , 33, 851-9	4.1	32
25	SCF ^{TRCP} promotes cell growth by targeting PR-Set7/Set8 for degradation. <i>Nature Communications</i> , 2015 , 6, 10185	17.4	27
24	K27-linked ubiquitination of BRAF by ITCH engages cytokine response to maintain MEK-ERK signaling. <i>Nature Communications</i> , 2019 , 10, 1870	17.4	26
23	DNA damage-induced activation of ATM promotes TRCP-mediated Mdm2 ubiquitination and destruction. <i>Oncotarget</i> , 2012 , 3, 1026-35	3.3	25
22	Cdh1 inhibits WWP2-mediated ubiquitination of PTEN to suppress tumorigenesis in an APC-independent manner. <i>Cell Discovery</i> , 2016 , 2, 15044	22.3	24
21	Deregulated PP1 β phosphatase activity towards MAPK activation is antagonized by a tumor suppressive failsafe mechanism. <i>Nature Communications</i> , 2018 , 9, 159	17.4	23

20	Monoubiquitination Inhibits the Actin Bundling Activity of Fascin. <i>Journal of Biological Chemistry</i> , 2016 , 291, 27323-27333	5.4	23
19	Energy status dictates PD-L1 protein abundance and anti-tumor immunity to enable checkpoint blockade. <i>Molecular Cell</i> , 2021 , 81, 2317-2331.e6	17.6	23
18	Regulation of APC(Cdh1) E3 ligase activity by the Fbw7/cyclin E signaling axis contributes to the tumor suppressor function of Fbw7. <i>Cell Research</i> , 2013 , 23, 947-61	24.7	22
17	Smurf1 regulation of DAB2IP controls cell proliferation and migration. <i>Oncotarget</i> , 2016 , 7, 26057-69	3.3	22
16	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. <i>Cell Research</i> , 2021 , 31, 80-93	24.7	21
15	Plays Oncogenic Roles and Is a Therapeutic Target for Wild-Type Melanomas. <i>Molecular Cancer Research</i> , 2019 , 17, 583-593	6.6	20
14	Cdh1 regulates craniofacial development via APC-dependent ubiquitination and activation of Goosecoid. <i>Cell Research</i> , 2016 , 26, 699-712	24.7	17
13	The E3 ligase APC/C(Cdh1) promotes ubiquitylation-mediated proteolysis of PAX3 to suppress melanocyte proliferation and melanoma growth. <i>Science Signaling</i> , 2015 , 8, ra87	8.8	15
12	Phosphorylation of Rictor at Thr1135 impairs the Rictor/Cullin-1 complex to ubiquitinate SGK1. <i>Protein and Cell</i> , 2010 , 1, 881-5	7.2	15
11	ITCH as a potential therapeutic target in human cancers. <i>Seminars in Cancer Biology</i> , 2020 , 67, 117-130	12.7	14
10	IRTKS is correlated with progression and survival time of patients with gastric cancer. <i>Gut</i> , 2018 , 67, 1400-1409	14.09	13
9	Interplay between c-Src and the APC/C co-activator Cdh1 regulates mammary tumorigenesis. <i>Nature Communications</i> , 2019 , 10, 3716	17.4	11
8	Palmitoylation modification of Galpha(o) depresses its susceptibility to GAP-43 activation. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 1495-501	5.6	7
7	RAF-MEK-ERK pathway in cancer evolution and treatment. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	7
6	Cycling for renewal: Cell cycle machinery maintains prostate cancer stem-like cells. <i>EBioMedicine</i> , 2019 , 42, 24-25	8.8	2
5	The CREB-binding protein inhibitor ICG-001: a promising therapeutic strategy in sporadic meningioma with mutations. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdz055	0.9	2
4	Characterization of the ATPase activity of a novel chimeric fusion protein consisting of the two nucleotide binding domains of MRP1. <i>Archives of Biochemistry and Biophysics</i> , 2009 , 485, 102-8	4.1	2
3	AMPK lifts the PRC2-implemented gene repression. <i>Molecular and Cellular Oncology</i> , 2018 , 5, e1441632	1.2	1

2	Acetylation-dependent regulation of BRAF oncogenic function.. <i>Cell Reports</i> , 2022 , 38, 110250	10.6	1
1	Pharmacoproteomics Identifies PLK1 As Vulnerability for Aggressive B-Cell Lymphomas. <i>Blood</i> , 2018 , 132, 2853-2853	2.2	