Wenjian Gan

List of Publications by Citations

29 papers	1,953 citations	21 h-index	30 g-index
30 ext. papers	2,397 ext. citations	17.6 avg, IF	4.18 L-index

#	Paper	IF	Citations
29	R-loop-mediated genomic instability is caused by impairment of replication fork progression. *Genes and Development*, **2011**, 25, 2041-56	12.6	266
28	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. *Nature*, **2014**, 508, 541-5	50.4	232
27	PtdIns(3,4,5)P3-Dependent Activation of the mTORC2 Kinase Complex. *Cancer Discovery*, **2015**, 5, 1194-209	24.4	220
26	Sin1 phosphorylation impairs mTORC2 complex integrity and inhibits downstream Akt signalling to suppress tumorigenesis. *Nature Cell Biology*, **2013**, 15, 1340-50	23.4	180
25	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. *Nature Medicine*, **2017**, 23, 1063-1071	50.5	169
24	SPOP Promotes Ubiquitination and Degradation of the ERG Oncoprotein to Suppress Prostate Cancer Progression. *Molecular Cell*, **2015**, 59, 917-30	17.6	136
23	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. *Science*, **2016**, 353, 929-32	33.3	120
22	TRAF2 and OTUD7B govern a ubiquitin-dependent switch that regulates mTORC2 signalling. *Nature* , **2017**, 545, 365-369	50.4	90
21	Inhibition of Rb Phosphorylation Leads to mTORC2-Mediated Activation of Akt. *Molecular Cell*, **2016**, 62, 929-942	17.6	66
20	AKT methylation by SETDB1 promotes AKT kinase activity and oncogenic functions. *Nature Cell Biology*, **2019**, 21, 226-237	23.4	63
19	The mTOR-S6K pathway links growth signalling to DNA damage response by targeting RNF168. *Nature Cell Biology*, **2018**, 20, 320-331	23.4	48
18	Akt-mediated phosphorylation of XLF impairs non-homologous end-joining DNA repair. *Molecular Cell*, **2015**, 57, 648-661	17.6	48
17	SPOP Promotes Nanog Destruction to Suppress Stem Cell Traits and Prostate Cancer Progression. *Developmental Cell*, **2019**, 48, 329-344.e5	10.2	36
16	Dual phosphorylation of Sin1 at T86 and T398 negatively regulates mTORC2 complex integrity and activity. *Protein and Cell*, **2014**, 5, 171-7	7.2	35
15	Prostate cancer-associated mutation in SPOP impairs its ability to target Cdc20 for poly-ubiquitination and degradation. *Cancer Letters*, **2017**, 385, 207-214	9.9	33
14	PTEN Methylation by NSD2 Controls Cellular Sensitivity to DNA Damage. *Cancer Discovery*, **2019**, 9, 1306-1323	24.4	31
13	Tumor suppressor SPOP ubiquitinates and degrades EglN2 to compromise growth of prostate cancer cells. *Cancer Letters*, **2017**, 390, 11-20	9.9	30

List of Publications

12	Hippo signaling is intrinsically regulated during cell cycle progression by APC/C. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9423-9432	11.5	29
11	K63-linked polyubiquitin chains bind to DNA to facilitate DNA damage repair. *Science Signaling*, **2018**, 11,	8.8	29
10	LATS suppresses mTORC1 activity to directly coordinate Hippo and mTORC1 pathways in growth control. *Nature Cell Biology*, **2020**, 22, 246-256	23.4	27
9	Activation-induced cytidine deaminase (AID)-dependent somatic hypermutation requires a splice isoform of the serine/arginine-rich (SR) protein SRSF1. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 1216-21	11.5	22
8	Two BTB proteins function redundantly as negative regulators of defense against pathogens in Arabidopsis. *Botany*, **2010**, 88, 953-960	1.3	10
7	PRMT5-mediated arginine methylation activates AKT kinase to govern tumorigenesis. *Nature Communications*, **2021**, 12, 3444	17.4	9
6	The p85 isoform of the kinase S6K1 functions as a secreted oncoprotein to facilitate cell migration and tumor growth. *Science Signaling*, **2018**, 11,	8.8	6
5	Akt promotes tumorigenesis in part through modulating genomic instability via phosphorylating XLF. *Nucleus*, **2015**, 6, 261-5	3.9	5
4	Cell cycle status dictates effectiveness of rapamycin. *Cell Cycle*, **2015**, 14, 2556-7	4.7	3
3	The Roles of Post-Translational Modifications on mTOR Signaling. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
2	DNA-PK promotes activation of the survival kinase AKT in response to DNA damage through an mTORC2-ECT2 pathway.. *Science Signaling*, **2022**, 15, eabh2290	8.8	2
1	Genetic fusions favor tumorigenesis through degron loss in oncogenes. *Nature Communications*, **2021**, 12, 6704	17.4	2