

# Wenjian Gan

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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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.

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	DNA-PK promotes activation of the survival kinase AKT in response to DNA damage through an mTORC2-ECT2 pathway.. <i>Science Signaling</i> , <b>2022</b> , 15, eabh2290	8.8	2
28	Genetic fusions favor tumorigenesis through degron loss in oncogenes. <i>Nature Communications</i> , <b>2021</b> , 12, 6704	17.4	2
27	PRMT5-mediated arginine methylation activates AKT kinase to govern tumorigenesis. <i>Nature Communications</i> , <b>2021</b> , 12, 3444	17.4	9
26	The Roles of Post-Translational Modifications on mTOR Signaling. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
25	LATS suppresses mTORC1 activity to directly coordinate Hippo and mTORC1 pathways in growth control. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 246-256	23.4	27
24	AKT methylation by SETDB1 promotes AKT kinase activity and oncogenic functions. <i>Nature Cell Biology</i> , <b>2019</b> , 21, 226-237	23.4	63
23	PTEN Methylation by NSD2 Controls Cellular Sensitivity to DNA Damage. <i>Cancer Discovery</i> , <b>2019</b> , 9, 1306-1323	23.4	31
22	Hippo signaling is intrinsically regulated during cell cycle progression by APC/C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 9423-9432	11.5	29
21	SPOP Promotes Nanog Destruction to Suppress Stem Cell Traits and Prostate Cancer Progression. <i>Developmental Cell</i> , <b>2019</b> , 48, 329-344.e5	10.2	36
20	The mTOR-S6K pathway links growth signalling to DNA damage response by targeting RNF168. <i>Nature Cell Biology</i> , <b>2018</b> , 20, 320-331	23.4	48
19	The p85 isoform of the kinase S6K1 functions as a secreted oncoprotein to facilitate cell migration and tumor growth. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	6
18	K63-linked polyubiquitin chains bind to DNA to facilitate DNA damage repair. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	29
17	Tumor suppressor SPOP ubiquitinates and degrades EglN2 to compromise growth of prostate cancer cells. <i>Cancer Letters</i> , <b>2017</b> , 390, 11-20	9.9	30
16	TRAF2 and OTUD7B govern a ubiquitin-dependent switch that regulates mTORC2 signalling. <i>Nature</i> , <b>2017</b> , 545, 365-369	50.4	90
15	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. <i>Nature Medicine</i> , <b>2017</b> , 23, 1063-1071	50.5	169
14	Prostate cancer-associated mutation in SPOP impairs its ability to target Cdc20 for poly-ubiquitination and degradation. <i>Cancer Letters</i> , <b>2017</b> , 385, 207-214	9.9	33
13	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. <i>Science</i> , <b>2016</b> , 353, 929-32	33.3	120

12	Inhibition of Rb Phosphorylation Leads to mTORC2-Mediated Activation of Akt. <i>Molecular Cell</i> , <b>2016</b> , 62, 929-942	17.6	66
11	Akt promotes tumorigenesis in part through modulating genomic instability via phosphorylating XLF. <i>Nucleus</i> , <b>2015</b> , 6, 261-5	3.9	5
10	PtdIns(3,4,5)P3-Dependent Activation of the mTORC2 Kinase Complex. <i>Cancer Discovery</i> , <b>2015</b> , 5, 1194-2004	20.4	220
9	SPOP Promotes Ubiquitination and Degradation of the ERG Oncoprotein to Suppress Prostate Cancer Progression. <i>Molecular Cell</i> , <b>2015</b> , 59, 917-30	17.6	136
8	Cell cycle status dictates effectiveness of rapamycin. <i>Cell Cycle</i> , <b>2015</b> , 14, 2556-7	4.7	3
7	Akt-mediated phosphorylation of XLF impairs non-homologous end-joining DNA repair. <i>Molecular Cell</i> , <b>2015</b> , 57, 648-661	17.6	48
6	Dual phosphorylation of Sin1 at T86 and T398 negatively regulates mTORC2 complex integrity and activity. <i>Protein and Cell</i> , <b>2014</b> , 5, 171-7	7.2	35
5	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , <b>2014</b> , 508, 541-5	50.4	232
4	Sin1 phosphorylation impairs mTORC2 complex integrity and inhibits downstream Akt signalling to suppress tumorigenesis. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 1340-50	23.4	180
3	Activation-induced cytidine deaminase (AID)-dependent somatic hypermutation requires a splice isoform of the serine/arginine-rich (SR) protein SRSF1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 1216-21	11.5	22
2	R-loop-mediated genomic instability is caused by impairment of replication fork progression. <i>Genes and Development</i> , <b>2011</b> , 25, 2041-56	12.6	266
1	Two BTB proteins function redundantly as negative regulators of defense against pathogens in Arabidopsis. <i>Botany</i> , <b>2010</b> , 88, 953-960	1.3	10