

Wenjian Gan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,744
citations

304743

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454955

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docs citations

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times ranked

5338
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA-PK promotes activation of the survival kinase AKT in response to DNA damage through an mTORC2-ECT2 pathway. <i>Science Signaling</i> , 2022, 15, eabh2290.	3.6	16
2	The Roles of Post-Translational Modifications on mTOR Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1784.	4.1	15
3	PRMT5-mediated arginine methylation activates AKT kinase to govern tumorigenesis. <i>Nature Communications</i> , 2021, 12, 3444.	12.8	39
4	Genetic fusions favor tumorigenesis through degron loss in oncogenes. <i>Nature Communications</i> , 2021, 12, 6704.	12.8	14
5	LATS suppresses mTORC1 activity to directly coordinate Hippo and mTORC1 pathways in growth control. <i>Nature Cell Biology</i> , 2020, 22, 246-256.	10.3	56
6	AKT methylation by SETDB1 promotes AKT kinase activity and oncogenic functions. <i>Nature Cell Biology</i> , 2019, 21, 226-237.	10.3	109
7	PTEN Methylation by NSD2 Controls Cellular Sensitivity to DNA Damage. <i>Cancer Discovery</i> , 2019, 9, 1306-1323.	9.4	54
8	Hippo signaling is intrinsically regulated during cell cycle progression by APC/C ^{Cdh1}. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9423-9432.	7.1	48
9	SPOP Promotes Nanog Destruction to Suppress Stem Cell Traits and Prostate Cancer Progression. <i>Developmental Cell</i> , 2019, 48, 329-344.e5.	7.0	53
10	The mTORâ€“S6K pathway links growth signalling to DNA damage response by targeting RNF168. <i>Nature Cell Biology</i> , 2018, 20, 320-331.	10.3	86
11	The p85 isoform of the kinase S6K1 functions as a secreted oncoprotein to facilitate cell migration and tumor growth. <i>Science Signaling</i> , 2018, 11, .	3.6	10
12	K63-linked polyubiquitin chains bind to DNA to facilitate DNA damage repair. <i>Science Signaling</i> , 2018, 11, .	3.6	56
13	Tumor suppressor SPOP ubiquitinates and degrades EglN2 to compromise growth of prostate cancer cells. <i>Cancer Letters</i> , 2017, 390, 11-20.	7.2	37
14	TRAF2 and OTUD7B govern a ubiquitin-dependent switch that regulates mTORC2 signalling. <i>Nature</i> , 2017, 545, 365-369.	27.8	136
15	Prostate cancerâ€“associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. <i>Nature Medicine</i> , 2017, 23, 1063-1071.	30.7	240
16	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.	7.2	43
17	Inhibition of Rb Phosphorylation Leads to mTORC2-Mediated Activation of Akt. <i>Molecular Cell</i> , 2016, 62, 929-942.	9.7	87
18	pVHL suppresses kinase activity of Akt in a proline-hydroxylationâ€“dependent manner. <i>Science</i> , 2016, 353, 929-932.	12.6	165

#	ARTICLE	IF	CITATIONS
19	Cell cycle status dictates effectiveness of rapamycin. <i>Cell Cycle</i> , 2015, 14, 2556-2557.	2.6	3
20	Akt-Mediated Phosphorylation of XLF Impairs Non-Homologous End-Joining DNA Repair. <i>Molecular Cell</i> , 2015, 57, 648-661.	9.7	59
21	Akt promotes tumorigenesis in part through modulating genomic instability via phosphorylating XLF. <i>Nucleus</i> , 2015, 6, 261-265.	2.2	9
22	PtdIns(3,4,5)P ₃ -Dependent Activation of the mTORC2 Kinase Complex. <i>Cancer Discovery</i> , 2015, 5, 1194-1209.	9.4	297
23	SPOP Promotes Ubiquitination and Degradation of the ERG Oncoprotein to Suppress Prostate Cancer Progression. <i>Molecular Cell</i> , 2015, 59, 917-930.	9.7	172
24	Dual phosphorylation of Sin1 at T86 and T398 negatively regulates mTORC2 complex integrity and activity. <i>Protein and Cell</i> , 2014, 5, 171-177.	11.0	37
25	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , 2014, 508, 541-545.	27.8	285
26	Sin1 phosphorylation impairs mTORC2 complex integrity and inhibits downstream Akt signalling to suppress tumorigenesis. <i>Nature Cell Biology</i> , 2013, 15, 1340-1350.	10.3	216
27	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> , 2012, 109, 1216-1221.	7.1	28
28	R-loop-mediated genomic instability is caused by impairment of replication fork progression. <i>Genes and Development</i> , 2011, 25, 2041-2056.	5.9	361
29	Two BTB proteins function redundantly as negative regulators of defense against pathogens in <i>Arabidopsis</i> . <i>Botany</i> , 2010, 88, 953-960.	1.0	10