

# Xiangpeng Dai

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,496  
citations

279798

23  
h-index

414414

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclin Dâ€“CDK4 kinase destabilizes PD-L1 via cullin 3â€“SPOP to control cancer immune surveillance. <i>Nature</i> , 2018, 553, 91-95.	27.8	660
2	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
3	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
4	Phosphorylation of EZH2 by AMPK Suppresses PRC2 Methyltransferase Activity and Oncogenic Function. <i>Molecular Cell</i> , 2018, 69, 279-291.e5.	9.7	138
5	TRAF2 and OTUD7B govern a ubiquitin-dependent switch that regulates mTORC2 signalling. <i>Nature</i> , 2017, 545, 365-369.	27.8	136
6	APCCdc20 Suppresses Apoptosis through Targeting Bim for Ubiquitination and Destruction. <i>Developmental Cell</i> , 2014, 29, 377-391.	7.0	110
7	AKT methylation by SETDB1 promotes AKT kinase activity and oncogenic functions. <i>Nature Cell Biology</i> , 2019, 21, 226-237.	10.3	109
8	Targeting the ubiquitin pathway for cancer treatment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1855, 50-60.	7.4	99
9	The emerging roles of protein homeostasisâ€“governing pathways in Alzheimer's disease. <i>Aging Cell</i> , 2018, 17, e12801.	6.7	88
10	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, 277-293.	7.4	64
11	The APC/C E3 Ligase Complex Activator FZR1 Restricts BRAF Oncogenic Function. <i>Cancer Discovery</i> , 2017, 7, 424-441.	9.4	57
12	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
13	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
14	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. <i>Cell Research</i> , 2021, 31, 80-93.	12.0	51
15	Functional analysis of Cullin 3 E3 ligases in tumorigenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 11-28.	7.4	48
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	SCF <sup>Î²</sup> -TRCP promotes cell growth by targeting PR-Set7/Set8 for degradation. <i>Nature Communications</i> , 2015, 6, 10185.	12.8	37
18	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

#	ARTICLE	IF	CITATIONS
19	Towards Functional Annotation of the Preimplantation Transcriptome: An RNAi Screen in Mammalian Embryos. <i>Scientific Reports</i> , 2016, 6, 37396.	3.3	32
20	Cullin 3SPOP ubiquitin E3 ligase promotes the poly-ubiquitination and degradation of HDAC6. <i>Oncotarget</i> , 2017, 8, 47890-47901.	1.8	30
21	Smurf1 regulation of DAB2IP controls cell proliferation and migration. <i>Oncotarget</i> , 2016, 7, 26057-26069.	1.8	28
22	Negative regulation of DAB2IP by Akt and SCF<sup>Fbw7</sup> pathways. <i>Oncotarget</i> , 2014, 5, 3307-3315.	1.8	27
23	Acetylation-dependent regulation of essential iPS inducing factors: a regulatory crossroad for pluripotency and tumorigenesis. <i>Cancer Medicine</i> , 2014, 3, 1211-1224.	2.8	21
24	The E3 ligase APC/C<sup>Cdh1</sup> promotes ubiquitylation-mediated proteolysis of PAX3 to suppress melanocyte proliferation and melanoma growth. <i>Science Signaling</i> , 2015, 8, ra87.	3.6	21
25	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene. <i>PLoS Genetics</i> , 2019, 15, e1008229.	3.5	17
26	SCF <sup>2</sup> -TRCP E3 ubiquitin ligase targets the tumor suppressor ZNRF3 for ubiquitination and degradation. <i>Protein and Cell</i> , 2018, 9, 879-889.	11.0	16
27	SPOP-mediated degradation of BRD4 dictates cellular sensitivity to BET inhibitors. <i>Cell Cycle</i> , 2017, 16, 2326-2329.	2.6	15
28	Acetylation-dependent regulation of BRAF oncogenic function. <i>Cell Reports</i> , 2022, 38, 110250.	6.4	13
29	Identification of four genes required for mammalian blastocyst formation. <i>Zygote</i> , 2014, 22, 331-339.	1.1	11
30	Loss of Phd2 cooperates with BRAFV600E to drive melanomagenesis. <i>Nature Communications</i> , 2018, 9, 5426.	12.8	11
31	A new layer of degradation mechanism for PR-Set7/Set8 during cell cycle. <i>Cell Cycle</i> , 2016, 15, 3042-3047.	2.6	6