

Pengda Liu

List of Publications by Year in Descending Order

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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.

38
papers

2,341
citations

23
h-index

40
g-index

40
ext. papers

2,952
ext. citations

16.4
avg, IF

4.97
L-index

#	Paper	IF	Citations
38	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	8.8	2
37	Synergistic efficacy of combined EGFR and HDAC inhibitors overcomes tolerance to EGFR monotherapy in salivary mucoepidermoid carcinoma. <i>Oral Oncology</i> , 2021 , 115, 105166	4.4	5
36	Cytosolic DNA sensing by cGAS: regulation, function, and human diseases. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 170	21	10
35	Lenalidomide downregulates ACE2 protein abundance to alleviate infection by SARS-CoV-2 spike protein conditioned pseudoviruses. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 182	21	1
34	SPOP and OTUD7A Control EWS-FLI1 Protein Stability to Govern Ewing Sarcoma Growth. <i>Advanced Science</i> , 2021 , 8, e2004846	13.6	7
33	Attacking the PI3K/Akt/mTOR signaling pathway for targeted therapeutic treatment in human cancer. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	15
32	Protocol for Monitoring DNA-Triggered cGAS/STING Signaling in Mammalian Cells and Mice. <i>STAR Protocols</i> , 2020 , 1, 100171	1.4	2
31	FAM13A Represses AMPK Activity and Regulates Hepatic Glucose and Lipid Metabolism. <i>IScience</i> , 2020 , 23, 100928	6.1	8
30	Experimental Approaches in Delineating mTOR Signaling. <i>Genes</i> , 2020 , 11,	4.2	8
29	LATS suppresses mTORC1 activity to directly coordinate Hippo and mTORC1 pathways in growth control. <i>Nature Cell Biology</i> , 2020 , 22, 246-256	23.4	27
28	Roles of Ubiquitination and SUMOylation in DNA Damage Response. <i>Current Issues in Molecular Biology</i> , 2020 , 35, 59-84	2.9	12
27	Streptavidin Promotes DNA Binding and Activation of cGAS to Enhance Innate Immunity. <i>IScience</i> , 2020 , 23, 101463	6.1	10
26	Structural basis of nucleosome-dependent cGAS inhibition. <i>Science</i> , 2020 , 370, 450-454	33.3	74
25	AKT methylation by SETDB1 promotes AKT kinase activity and oncogenic functions. <i>Nature Cell Biology</i> , 2019 , 21, 226-237	23.4	63
24	Control of mTOR signaling by ubiquitin. <i>Oncogene</i> , 2019 , 38, 3989-4001	9.2	20
23	Beyond growth signaling: apoptotic sensor MERTK activates AKT by a novel mechanism. <i>Molecular and Cellular Oncology</i> , 2019 , 6, 1611161	1.2	1
22	MERTK mediated novel site Akt phosphorylation alleviates SAV1 suppression. <i>Nature Communications</i> , 2019 , 10, 1515	17.4	15

21	BRD4 Promotes Gastric Cancer Progression and Metastasis through Acetylation-Dependent Stabilization of Snail. <i>Cancer Research</i> , 2019 , 79, 4869-4881	10.1	40
20	The mTOR-S6K pathway links growth signalling to DNA damage response by targeting RNF168. <i>Nature Cell Biology</i> , 2018 , 20, 320-331	23.4	48
19	K63-linked polyubiquitin chains bind to DNA to facilitate DNA damage repair. <i>Science Signaling</i> , 2018 , 11,	8.8	29
18	The APC/C E3 Ligase Complex Activator FZR1 Restricts BRAF Oncogenic Function. <i>Cancer Discovery</i> , 2017 , 7, 424-441	24.4	47
17	TRAF2 and OTUD7B govern a ubiquitin-dependent switch that regulates mTORC2 signalling. <i>Nature</i> , 2017 , 545, 365-369	50.4	90
16	The E3 Ubiquitin Ligase SCF(Cyclin F) Transmits AKT Signaling to the Cell-Cycle Machinery. <i>Cell Reports</i> , 2017 , 20, 3212-3222	10.6	28
15	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. <i>Nature Medicine</i> , 2017 , 23, 1063-1071	50.5	169
14	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. <i>Science</i> , 2016 , 353, 929-32	33.3	120
13	Inhibition of Rb Phosphorylation Leads to mTORC2-Mediated Activation of Akt. <i>Molecular Cell</i> , 2016 , 62, 929-942	17.6	66
12	PtdIns(3,4,5)P3-Dependent Activation of the mTORC2 Kinase Complex. <i>Cancer Discovery</i> , 2015 , 5, 1194-2004	21.4	220
11	SPOP Promotes Ubiquitination and Degradation of the ERG Oncoprotein to Suppress Prostate Cancer Progression. <i>Molecular Cell</i> , 2015 , 59, 917-30	17.6	136
10	Therapeutic Implications for Overcoming Radiation Resistance in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26880-913	6.3	110
9	Akt-mediated phosphorylation of XLF impairs non-homologous end-joining DNA repair. <i>Molecular Cell</i> , 2015 , 57, 648-661	17.6	48
8	Dual phosphorylation of Sin1 at T86 and T398 negatively regulates mTORC2 complex integrity and activity. <i>Protein and Cell</i> , 2014 , 5, 171-7	7.2	35
7	Roles of F-box proteins in cancer. <i>Nature Reviews Cancer</i> , 2014 , 14, 233-47	31.3	309
6	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , 2014 , 508, 541-5	50.4	232
5	mTOR signaling in tumorigenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014 , 1846, 638-54	11.2	81
4	Phosphorylation of Akt at the C-terminal tail triggers Akt activation. <i>Cell Cycle</i> , 2014 , 13, 2162-4	4.7	26

- 3 SIRT1 phosphorylation by AMP-activated protein kinase regulates p53 acetylation. *American Journal of Cancer Research*, **2014**, 4, 245-55 4.4 41
- 2 Sin1 phosphorylation impairs mTORC2 complex integrity and inhibits downstream Akt signalling to suppress tumorigenesis. *Nature Cell Biology*, **2013**, 15, 1340-50 23.4 180
- 1 Protein Degradation in Cell Cycle **2012**, 3