

# Kun Ping Lu

## List of Publications by Year in descending order

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79  
papers

9,786  
citations

71102

41  
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74163

75  
g-index

81  
all docs

81  
docs citations

81  
times ranked

7671  
citing authors

#	ARTICLE	IF	CITATIONS
1	A human peptidyl-prolyl isomerase essential for regulation of mitosis. <i>Nature</i> , 1996, 380, 544-547.	27.8	868
2	The prolyl isomerase Pin1 restores the function of Alzheimer-associated phosphorylated tau protein. <i>Nature</i> , 1999, 399, 784-788.	27.8	687
3	Regulation of NF- $\kappa$ B Signaling by Pin1-Dependent Prolyl Isomerization and Ubiquitin-Mediated Proteolysis of p65/RelA. <i>Molecular Cell</i> , 2003, 12, 1413-1426.	9.7	611
4	The prolyl isomerase PIN1: a pivotal new twist in phosphorylation signalling and disease. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 904-916.	37.0	606
5	Prolyl cis-trans isomerization as a molecular timer. <i>Nature Chemical Biology</i> , 2007, 3, 619-629.	8.0	574
6	Pin1-Dependent Prolyl Isomerization Regulates Dephosphorylation of Cdc25C and Tau Proteins. <i>Molecular Cell</i> , 2000, 6, 873-883.	9.7	519
7	Pin1 regulates turnover and subcellular localization of $\beta$ -catenin by inhibiting its interaction with APC. <i>Nature Cell Biology</i> , 2001, 3, 793-801.	10.3	447
8	Role of the prolyl isomerase Pin1 in protecting against age-dependent neurodegeneration. <i>Nature</i> , 2003, 424, 556-561.	27.8	412
9	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. <i>Nature</i> , 2015, 523, 431-436.	27.8	374
10	Prevalent Overexpression of Prolyl Isomerase Pin1 in Human Cancers. <i>American Journal of Pathology</i> , 2004, 164, 1727-1737.	3.8	347
11	Pinning down proline-directed phosphorylation signaling. <i>Trends in Cell Biology</i> , 2002, 12, 164-172.	7.9	334
12	Prolyl isomerase Pin1 as a molecular switch to determine the fate of phosphoproteins. <i>Trends in Biochemical Sciences</i> , 2011, 36, 501-514.	7.5	290
13	PIN1 Is an E2F Target Gene Essential for Neu / Ras -Induced Transformation of Mammary Epithelial Cells. <i>Molecular and Cellular Biology</i> , 2002, 22, 5281-5295.	2.3	250
14	Proline Isomer-Specific Antibodies Reveal the Early Pathogenic Tau Conformation in Alzheimer's Disease. <i>Cell</i> , 2012, 149, 232-244.	28.9	232
15	Pinning down cell signaling, cancer and Alzheimer's disease. <i>Trends in Biochemical Sciences</i> , 2004, 29, 200-209.	7.5	226
16	Active Pin1 is a key target of all-trans retinoic acid in acute promyelocytic leukemia and breast cancer. <i>Nature Medicine</i> , 2015, 21, 457-466.	30.7	220
17	The isomerase PIN1 controls numerous cancer-driving pathways and is a unique drug target. <i>Nature Reviews Cancer</i> , 2016, 16, 463-478.	28.4	209
18	Arsenic targets Pin1 and cooperates with retinoic acid to inhibit cancer-driving pathways and tumor-initiating cells. <i>Nature Communications</i> , 2018, 9, 3069.	12.8	116

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19	Prolyl isomerase Pin1 as a molecular target for cancer diagnostics and therapeutics. <i>Cancer Cell</i> , 2003, 4, 175-180.	16.8	114
20	Cis P-tau is induced in clinical and preclinical brain injury and contributes to post-injury sequelae. <i>Nature Communications</i> , 2017, 8, 1000.	12.8	103
21	Targeting Pin1 renders pancreatic cancer eradicable by synergizing with immunochemotherapy. <i>Cell</i> , 2021, 184, 4753-4771.e27.	28.9	99
22	Pin1 has opposite effects on wild-type and P301L tau stability and tauopathy. <i>Journal of Clinical Investigation</i> , 2008, 118, 1877-89.	8.2	96
23	Pin1 cysteine-113 oxidation inhibits its catalytic activity and cellular function in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2015, 76, 13-23.	4.4	91
24	Association of cancer and Alzheimer's disease risk in a national cohort of veterans. <i>Alzheimer's and Dementia</i> , 2017, 13, 1364-1370.	0.8	87
25	Pin1 dysregulation helps to explain the inverse association between cancer and Alzheimer's disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2069-2076.	2.4	84
26	Proline-directed phosphorylation and isomerization in mitotic regulation and in Alzheimer's Disease. <i>BioEssays</i> , 2003, 25, 174-181.	2.5	83
27	Pin1 in Alzheimer's disease: Multiple substrates, one regulatory mechanism?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007, 1772, 422-429.	3.8	83
28	The Rab2A GTPase Promotes Breast Cancer Stem Cells and Tumorigenesis via Erk Signaling Activation. <i>Cell Reports</i> , 2015, 11, 111-124.	6.4	80
29	Prolyl Isomerase Pin1 Promotes Amyloid Precursor Protein (APP) Turnover by Inhibiting Glycogen Synthase Kinase-3 $\beta$ (GSK3 $\beta$ ) Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 6969-6973.	3.4	76
30	Sulfopin is a covalent inhibitor of Pin1 that blocks Myc-driven tumors in vivo. <i>Nature Chemical Biology</i> , 2021, 17, 954-963.	8.0	73
31	ATR Plays a Direct Antiapoptotic Role at Mitochondria, which Is Regulated by Prolyl Isomerase Pin1. <i>Molecular Cell</i> , 2015, 60, 35-46.	9.7	71
32	A PIN1 polymorphism that prevents its suppression by AP4 associates with delayed onset of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 804-813.	3.1	68
33	Prolyl Isomerase Pin1 Acts Downstream of miR200c to Promote Cancer Stem-like Cell Traits in Breast Cancer. <i>Cancer Research</i> , 2014, 74, 3603-3616.	0.9	68
34	Potential of the Antibody Against <i>cis</i> -Phosphorylated Tau in the Early Diagnosis, Treatment, and Prevention of Alzheimer Disease and Brain Injury. <i>JAMA Neurology</i> , 2016, 73, 1356.	9.0	64
35	The IL-33-PIN1-IRAK-M axis is critical for type 2 immunity in IL-33-induced allergic airway inflammation. <i>Nature Communications</i> , 2018, 9, 1603.	12.8	58
36	G Protein-coupled Receptor Kinase 2 (GRK2) Promotes Breast Tumorigenesis Through a HDAC6-Pin1 Axis. <i>EBioMedicine</i> , 2016, 13, 132-145.	6.1	53

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37	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
38	A novel controlled release formulation of the Pin1 inhibitor ATRA to improve liver cancer therapy by simultaneously blocking multiple cancer pathways. <i>Journal of Controlled Release</i> , 2018, 269, 405-422.	9.9	49
39	Targeting carcinogenesis: A role for the prolyl isomerase Pin1?. <i>Molecular Carcinogenesis</i> , 2006, 45, 397-402.	2.7	48
40	Binding and regulation of the transcription factor NFAT by the peptidyl prolyl cis -trans isomerase Pin1. <i>FEBS Letters</i> , 2001, 496, 105-108.	2.8	45
41	MicroRNA-140-5p inhibits hepatocellular carcinoma by directly targeting the unique isomerase Pin1 to block multiple cancer-driving pathways. <i>Scientific Reports</i> , 2017, 7, 45915.	3.3	43
42	Accumulation of rab4GTP in the Cytoplasm and Association with the Peptidyl-Prolyl Isomerase Pin1 during Mitosis. <i>Molecular Biology of the Cell</i> , 2000, 11, 2201-2211.	2.1	42
43	Identification of a potent and selective covalent Pin1 inhibitor. <i>Nature Chemical Biology</i> , 2020, 16, 979-987.	8.0	40
44	Prolyl Isomerase Pin1 Regulates Axon Guidance by Stabilizing CRMP2A Selectively in Distal Axons. <i>Cell Reports</i> , 2015, 13, 812-828.	6.4	39
45	Chemical or genetic Pin1 inhibition exerts potent anticancer activity against hepatocellular carcinoma by blocking multiple cancer-driving pathways. <i>Scientific Reports</i> , 2017, 7, 43639.	3.3	39
46	An IRAK1â€“PIN1 signalling axis drives intrinsic tumour resistance to radiation therapy. <i>Nature Cell Biology</i> , 2019, 21, 203-213.	10.3	38
47	Melatonin directly binds and inhibits deathâ€“associated protein kinase 1 function in Alzheimerâ€™s disease. <i>Journal of Pineal Research</i> , 2020, 69, e12665.	7.4	37
48	Function and regulation of tau conformations in the development and treatment of traumatic brain injury and neurodegeneration. <i>Cell and Bioscience</i> , 2016, 6, 59.	4.8	35
49	Pin1 inhibition reverses the acquired resistance of human hepatocellular carcinoma cells to Regorafenib via the Gli1/Snail/E-cadherin pathway. <i>Cancer Letters</i> , 2019, 444, 82-93.	7.2	35
50	Cis P-tau underlies vascular contribution to cognitive impairment and dementia and can be effectively targeted by immunotherapy in mice. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	34
51	The role of Pin1 in the development and treatment of cancer. <i>Archives of Pharmacal Research</i> , 2016, 39, 1609-1620.	6.3	32
52	Involvement of the telomeric protein Pin2/TRF1 in the regulation of the mitotic spindle. <i>FEBS Letters</i> , 2002, 514, 193-198.	2.8	31
53	Role of Pin2/TRF1 in telomere maintenance and cell cycle control. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 19-37.	2.6	30
54	Inhibition of the prolyl isomerase Pin1 enhances the ability of sorafenib to induce cell death and inhibit tumor growth in hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 29771-29784.	1.8	30

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55	Cobalt induces neurodegenerative damages through Pin1 inactivation in mice and human neuroglioma cells. <i>Journal of Hazardous Materials</i> , 2021, 419, 126378.	12.4	25
56	Pin1 inhibition potently suppresses gastric cancer growth and blocks PI3K/AKT and Wnt/ $\beta$ -catenin oncogenic pathways. <i>Molecular Carcinogenesis</i> , 2019, 58, 1450-1464.	2.7	24
57	Pin1 inhibition exerts potent activity against acute myeloid leukemia through blocking multiple cancer-driving pathways. <i>Journal of Hematology and Oncology</i> , 2018, 11, 73.	17.0	23
58	Inactivation of the Prolyl Isomerase Pin1 Sensitizes BRCA1-Proficient Breast Cancer to PARP Inhibition. <i>Cancer Research</i> , 2020, 80, 3033-3045.	0.9	23
59	Induction of IL-6R $\alpha$ by ATF3 enhances IL-6 mediated sorafenib and regorafenib resistance in hepatocellular carcinoma. <i>Cancer Letters</i> , 2022, 524, 161-171.	7.2	23
60	Pin1-Targeted Therapy for Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2016, 68, 2503-2513.	5.6	22
61	Targeting Pin1 by All-Trans Retinoic Acid (ATRA) Overcomes Tamoxifen Resistance in Breast Cancer via Multifactorial Mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 322.	3.7	19
62	PIN1 Inhibition Sensitizes Chemotherapy in Gastric Cancer Cells by Targeting Stem Cell-like Traits and Multiple Biomarkers. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 906-919.	4.1	18
63	The prolyl isomerase Pin1 regulates hypoxia-inducible transcription factor (HIF) activity. <i>Cellular Signalling</i> , 2014, 26, 1649-1656.	3.6	17
64	$\tau$ immunotherapy: Hopes and hindrances. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 277-284.	3.3	15
65	Critical role of XBP1 in cancer signalling is regulated by PIN1. <i>Biochemical Journal</i> , 2016, 473, 2603-2610.	3.7	14
66	Traumatic Brain Injury-related voiding dysfunction in mice is caused by damage to rostral pathways, altering inputs to the reflex pathways. <i>Scientific Reports</i> , 2019, 9, 8646.	3.3	13
67	Neighboring phosphoSer-Pro motifs in the undefined domain of IRAK1 impart bivalent advantage for Pin1 binding. <i>FEBS Journal</i> , 2016, 283, 4528-4548.	4.7	12
68	Targeting Prion-like Cis Phosphorylated Tau Pathology in Neurodegenerative Diseases. , 2018, 08, .		12
69	Targeting PIN 1 exerts potent antitumor activity in pancreatic ductal carcinoma via inhibiting tumor metastasis. <i>Cancer Science</i> , 2019, 110, 2442-2455.	3.9	9
70	Phosphorylation of the amyloid precursor protein (APP): Is this a mechanism in favor or against Alzheimer's disease?. <i>Neuroscience Research Communications</i> , 2004, 35, 213-231.	0.2	8
71	Pin1 Knockout Mice: A Model for the Study of Tau Pathology in Alzheimer's Disease. <i>Methods in Molecular Biology</i> , 2017, 1523, 415-425.	0.9	7
72	Cyclic cis-Locked Phospho-Dipeptides Reduce Entry of A $\beta$ PP into Amyloidogenic Processing Pathway. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 391-410.	2.6	6

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73	The Pin1-CaMKII-AMPA Receptor Axis Regulates Epileptic Susceptibility. <i>Cerebral Cortex</i> , 2021, 31, 3082-3095.	2.9	6
74	O4-04-01: Pin1 protects against tau and Abeta-related pathologies and delays onset of Alzheimer's disease. , 2010, 6, S154-S155.		2
75	The Association Between Cancer and Spousal Rate of Memory Decline. <i>Alzheimer Disease and Associated Disorders</i> , 2021, 35, 271-274.	1.3	2
76	ADIPOQ +45T>G, +712A>G and +4545C>G variants are associated with dyslipidemia in Chinese pre-eclampsia women. <i>International Journal of Diabetes in Developing Countries</i> , 2015, 35, 206-210.	0.8	0
77	P2055: Early Chronic Traumatic Encephalopathy in Young Athletes After Concussive Closed-Head Impact Injury and Mouse Model of Impact Concussion. <i>Alzheimer's and Dementia</i> , 2016, 12, P628.	0.8	0
78	[P3127]: CONCUSSION, MICROVASCULAR INJURY, AND EARLY TAUOPATHY IN YOUNG ATHLETES AFTER IMPACT HEAD INJURY AND AN IMPACT CONCUSSION MOUSE MODE. <i>Alzheimer's and Dementia</i> , 2017, 13, P983.	0.8	0
79	Evaluation of polygenic risk scores for 17 cancer types in relation to cognitive decline in the UK Biobank. <i>Alzheimer's and Dementia</i> , 2020, 16, e041625.	0.8	0