

Kun Ping Lu

List of Publications by Citations

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79
papers

7,889
citations

37
h-index

81
g-index

81
ext. papers

8,951
ext. citations

13.7
avg, IF

5.87
L-index

#	Paper	IF	Citations
79	A human peptidyl-prolyl isomerase essential for regulation of mitosis. <i>Nature</i> , 1996 , 380, 544-7	50.4	766
78	The prolyl isomerase Pin1 restores the function of Alzheimer-associated phosphorylated tau protein. <i>Nature</i> , 1999 , 399, 784-8	50.4	606
77	Regulation of NF-kappaB signaling by Pin1-dependent prolyl isomerization and ubiquitin-mediated proteolysis of p65/RelA. <i>Molecular Cell</i> , 2003 , 12, 1413-26	17.6	540
76	The prolyl isomerase PIN1: a pivotal new twist in phosphorylation signalling and disease. <i>Nature Reviews Molecular Cell Biology</i> , 2007 , 8, 904-16	48.7	521
75	Prolyl cis-trans isomerization as a molecular timer. <i>Nature Chemical Biology</i> , 2007 , 3, 619-29	11.7	476
74	Pin1-dependent prolyl isomerization regulates dephosphorylation of Cdc25C and tau proteins. <i>Molecular Cell</i> , 2000 , 6, 873-83	17.6	461
73	Pin1 regulates turnover and subcellular localization of beta-catenin by inhibiting its interaction with APC. <i>Nature Cell Biology</i> , 2001 , 3, 793-801	23.4	409
72	Role of the prolyl isomerase Pin1 in protecting against age-dependent neurodegeneration. <i>Nature</i> , 2003 , 424, 556-61	50.4	353
71	Prevalent overexpression of prolyl isomerase Pin1 in human cancers. <i>American Journal of Pathology</i> , 2004 , 164, 1727-37	5.8	316
70	Pinning down proline-directed phosphorylation signaling. <i>Trends in Cell Biology</i> , 2002 , 12, 164-72	18.3	288
69	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. <i>Nature</i> , 2015 , 523, 431-436	50.4	263
68	Prolyl isomerase Pin1 as a molecular switch to determine the fate of phosphoproteins. <i>Trends in Biochemical Sciences</i> , 2011 , 36, 501-14	10.3	250
67	PIN1 is an E2F target gene essential for Neu/Ras-induced transformation of mammary epithelial cells. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5281-95	4.8	219
66	Pinning down cell signaling, cancer and Alzheimer β disease. <i>Trends in Biochemical Sciences</i> , 2004 , 29, 200-9	10.3	201
65	Proline isomer-specific antibodies reveal the early pathogenic tau conformation in Alzheimer β disease. <i>Cell</i> , 2012 , 149, 232-44	56.2	172
64	Active Pin1 is a key target of all-trans retinoic acid in acute promyelocytic leukemia and breast cancer. <i>Nature Medicine</i> , 2015 , 21, 457-66	50.5	166
63	The isomerase PIN1 controls numerous cancer-driving pathways and is a unique drug target. <i>Nature Reviews Cancer</i> , 2016 , 16, 463-78	31.3	140

62	Prolyl isomerase Pin1 as a molecular target for cancer diagnostics and therapeutics. <i>Cancer Cell</i> , 2003 , 4, 175-80	24.3	103
61	Pin1 has opposite effects on wild-type and P301L tau stability and tauopathy. <i>Journal of Clinical Investigation</i> , 2008 , 118, 1877-89	15.9	80
60	Arsenic targets Pin1 and cooperates with retinoic acid to inhibit cancer-driving pathways and tumor-initiating cells. <i>Nature Communications</i> , 2018 , 9, 3069	17.4	72
59	Cis P-tau is induced in clinical and preclinical brain injury and contributes to post-injury sequelae. <i>Nature Communications</i> , 2017 , 8, 1000	17.4	71
58	Proline-directed phosphorylation and isomerization in mitotic regulation and in Alzheimer β Disease. <i>BioEssays</i> , 2003 , 25, 174-81	4.1	69
57	The Rab2A GTPase promotes breast cancer stem cells and tumorigenesis via Erk signaling activation. <i>Cell Reports</i> , 2015 , 11, 111-24	10.6	67
56	Pin1 in Alzheimer β disease: multiple substrates, one regulatory mechanism?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007 , 1772, 422-9	6.9	63
55	Pin1 cysteine-113 oxidation inhibits its catalytic activity and cellular function in Alzheimer β disease. <i>Neurobiology of Disease</i> , 2015 , 76, 13-23	7.5	62
54	Prolyl isomerase Pin1 promotes amyloid precursor protein (APP) turnover by inhibiting glycogen synthase kinase-3 β activity: novel mechanism for Pin1 to protect against Alzheimer disease. <i>Journal of Biological Chemistry</i> , 2012 , 287, 6969-73	5.4	59
53	Prolyl isomerase Pin1 acts downstream of miR200c to promote cancer stem-like cell traits in breast cancer. <i>Cancer Research</i> , 2014 , 74, 3603-16	10.1	57
52	A PIN1 polymorphism that prevents its suppression by AP4 associates with delayed onset of Alzheimer β disease. <i>Neurobiology of Aging</i> , 2012 , 33, 804-13	5.6	54
51	Pin1 dysregulation helps to explain the inverse association between cancer and Alzheimer β disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 2069-76	4	53
50	Association of cancer and Alzheimer β disease risk in a national cohort of veterans. <i>Alzheimer's and Dementia</i> , 2017 , 13, 1364-1370	1.2	43
49	ATR Plays a Direct Antiapoptotic Role at Mitochondria, which Is Regulated by Prolyl Isomerase Pin1. <i>Molecular Cell</i> , 2015 , 60, 35-46	17.6	42
48	Targeting carcinogenesis: a role for the prolyl isomerase Pin1?. <i>Molecular Carcinogenesis</i> , 2006 , 45, 397-402	4.2	42
47	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, 2201-11	3.5	40
46	G Protein-coupled Receptor Kinase 2 (GRK2) Promotes Breast Tumorigenesis Through a HDAC6-Pin1 Axis. <i>EBioMedicine</i> , 2016 , 13, 132-145	8.8	40
45	Potential of the Antibody Against cis-Phosphorylated Tau in the Early Diagnosis, Treatment, and Prevention of Alzheimer Disease and Brain Injury. <i>JAMA Neurology</i> , 2016 , 73, 1356-1362	17.2	39

44	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	11.7	39
43	Binding and regulation of the transcription factor NFAT by the peptidyl prolyl cis-trans isomerase Pin1. <i>FEBS Letters</i> , 2001 , 496, 105-8	3.8	38
42	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	4.9	36
41	SPOP Promotes Nanog Destruction to Suppress Stem Cell Traits and Prostate Cancer Progression. <i>Developmental Cell</i> , 2019 , 48, 329-344.e5	10.2	36
40	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	17.4	33
39	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	4.9	32
38	Prolyl Isomerase Pin1 Regulates Axon Guidance by Stabilizing CRMP2A Selectively in Distal Axons. <i>Cell Reports</i> , 2015 , 13, 812-828	10.6	29
37	Involvement of the telomeric protein Pin2/TRF1 in the regulation of the mitotic spindle. <i>FEBS Letters</i> , 2002 , 514, 193-8	3.8	29
36	The role of Pin1 in the development and treatment of cancer. <i>Archives of Pharmacal Research</i> , 2016 , 39, 1609-1620	6.1	28
35	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	9.8	28
34	Role of Pin2/TRF1 in telomere maintenance and cell cycle control. <i>Journal of Cellular Biochemistry</i> , 2003 , 89, 19-37	4.7	26
33	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	3.3	26
32	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	9.9	22
31	Melatonin directly binds and inhibits death-associated protein kinase 1 function in Alzheimer's disease. <i>Journal of Pineal Research</i> , 2020 , 69, e12665	10.4	20
30	An IRAK1-PIN1 signalling axis drives intrinsic tumour resistance to radiation therapy. <i>Nature Cell Biology</i> , 2019 , 21, 203-213	23.4	19
29	Identification of a potent and selective covalent Pin1 inhibitor. <i>Nature Chemical Biology</i> , 2020 , 16, 979-987	7.7	18
28	Targeting Pin1 renders pancreatic cancer eradicable by synergizing with immunochemotherapy. <i>Cell</i> , 2021 , 184, 4753-4771.e27	56.2	18
27	Pin1-Targeted Therapy for Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2016 , 68, 2503-2513	3.5	17

26	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	22.4	17
25	Pin1 inhibition potently suppresses gastric cancer growth and blocks PI3K/AKT and Wnt/ β -catenin oncogenic pathways. <i>Molecular Carcinogenesis</i> , 2019 , 58, 1450-1464	5	16
24	The prolyl isomerase Pin1 regulates hypoxia-inducible transcription factor (HIF) activity. <i>Cellular Signalling</i> , 2014 , 26, 1649-56	4.9	16
23	Sulfopin is a covalent inhibitor of Pin1 that blocks Myc-driven tumors in vivo. <i>Nature Chemical Biology</i> , 2021 , 17, 954-963	11.7	16
22	Critical role of XBP1 in cancer signalling is regulated by PIN1. <i>Biochemical Journal</i> , 2016 , 473, 2603-10	3.8	14
21	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	5.7	13
20	"Tau immunotherapy: Hopes and hindrances". <i>Human Vaccines and Immunotherapeutics</i> , 2018 , 14, 277-284	4.4	11
19	Inactivation of the Prolyl Isomerase Pin1 Sensitizes BRCA1-Proficient Breast Cancer to PARP Inhibition. <i>Cancer Research</i> , 2020 , 80, 3033-3045	10.1	10
18	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	4.9	8
17	Neighboring phosphoSer-Pro motifs in the undefined domain of IRAK1 impart bivalent advantage for Pin1 binding. <i>FEBS Journal</i> , 2016 , 283, 4528-4548	5.7	8
16	Targeting PIN1 exerts potent antitumor activity in pancreatic ductal carcinoma via inhibiting tumor metastasis. <i>Cancer Science</i> , 2019 , 110, 2442-2455	6.9	8
15	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		8
14	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	6.1	8
13	Targeting Prion-like Cis Phosphorylated Tau Pathology in Neurodegenerative Diseases 2018 , 8,		8
12	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,	17.5	6
11	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	1.4	4
10	Cyclic cis-Locked Phospho-Dipeptides Reduce Entry of APP into Amyloidogenic Processing Pathway. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 391-410	4.3	4
9	Cobalt induces neurodegenerative damages through Pin1 inactivation in mice and human neuroglioma cells. <i>Journal of Hazardous Materials</i> , 2021 , 419, 126378	12.8	4

- 8 Induction of IL-6R α by ATF3 enhances IL-6 mediated sorafenib and regorafenib resistance in hepatocellular carcinoma. *Cancer Letters*, **2022**, 524, 161-171 9.9 3
- 7 O4-04-01: Pin1 protects against tau and Abeta-related pathologies and delays onset of Alzheimer's disease **2010**, 6, S154-S155 2
- 6 The Pin1-CaMKII-AMPA Receptor Axis Regulates Epileptic Susceptibility. *Cerebral Cortex*, **2021**, 31, 3082-3095 3.0
- 5 ADIPOQ +45T>G, +712A>G and +4545C>G variants are associated with dyslipidemia in Chinese pre-eclampsia women. *International Journal of Diabetes in Developing Countries*, **2015**, 35, 206-210 0.8
- 4 Evaluation of polygenic risk scores for 17 cancer types in relation to cognitive decline in the UK Biobank. *Alzheimers and Dementia*, **2020**, 16, e041625 1.2
- 3 [P3027]: CONCUSSION, MICROVASCULAR INJURY, AND EARLY TAUOPATHY IN YOUNG ATHLETES AFTER IMPACT HEAD INJURY AND AN IMPACT CONCUSSION MOUSE MODEL **2017**, 13, P983-P984
- 2 The Association Between Cancer and Spousal Rate of Memory Decline: A Negative Control Study to Evaluate (Unmeasured) Social Confounding of the Cancer-memory Relationship. *Alzheimer Disease and Associated Disorders*, **2021**, 35, 271-274 2.5
- 1 P2-055: Early Chronic Traumatic Encephalopathy in Young Athletes After Concussive Closed-Head Impact Injury and Mouse Model of Impact Concussion **2016**, 12, P628-P629