

Xiao Zhen Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,548
citations

159525

30
h-index

197736

49
g-index

51
all docs

51
docs citations

51
times ranked

4818
citing authors

#	ARTICLE	IF	CITATIONS
1	The prolyl isomerase Pin1 restores the function of Alzheimer-associated phosphorylated tau protein. <i>Nature</i> , 1999, 399, 784-788.	13.7	687
2	The prolyl isomerase PIN1: a pivotal new twist in phosphorylation signalling and disease. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 904-916.	16.1	606
3	Role of the prolyl isomerase Pin1 in protecting against age-dependent neurodegeneration. <i>Nature</i> , 2003, 424, 556-561.	13.7	412
4	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. <i>Nature</i> , 2015, 523, 431-436.	13.7	374
5	Proline Isomer-Specific Antibodies Reveal the Early Pathogenic Tau Conformation in Alzheimer's Disease. <i>Cell</i> , 2012, 149, 232-244.	13.5	232
6	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.	15.2	220
7	The isomerase PIN1 controls numerous cancer-driving pathways and is a unique drug target. <i>Nature Reviews Cancer</i> , 2016, 16, 463-478.	12.8	209
8	Arsenic targets Pin1 and cooperates with retinoic acid to inhibit cancer-driving pathways and tumor-initiating cells. <i>Nature Communications</i> , 2018, 9, 3069.	5.8	116
9	Cis P-tau is induced in clinical and preclinical brain injury and contributes to post-injury sequelae. <i>Nature Communications</i> , 2017, 8, 1000.	5.8	103
10	Targeting Pin1 renders pancreatic cancer eradicable by synergizing with immunochemotherapy. <i>Cell</i> , 2021, 184, 4753-4771.e27.	13.5	99
11	Pin1 cysteine-113 oxidation inhibits its catalytic activity and cellular function in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2015, 76, 13-23.	2.1	91
12	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.	1.1	84
13	The Rab2A GTPase Promotes Breast Cancer Stem Cells and Tumorigenesis via Erk Signaling Activation. <i>Cell Reports</i> , 2015, 11, 111-124.	2.9	80
14	Sulfopin is a covalent inhibitor of Pin1 that blocks Myc-driven tumors in vivo. <i>Nature Chemical Biology</i> , 2021, 17, 954-963.	3.9	73
15	ATR Plays a Direct Antiapoptotic Role at Mitochondria, which Is Regulated by Prolyl Isomerase Pin1. <i>Molecular Cell</i> , 2015, 60, 35-46.	4.5	71
16	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.	0.4	68
17	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.	4.5	64
18	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.	5.8	58

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19	Death-Associated Protein Kinase 1 Phosphorylation in Neuronal Cell Death and Neurodegenerative Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3131.	1.8	56
20	G Protein-coupled Receptor Kinase 2 (GRK2) Promotes Breast Tumorigenesis Through a HDAC6-Pin1 Axis. <i>EBioMedicine</i> , 2016, 13, 132-145.	2.7	53
21	The telomerase inhibitor PinX1 is a major haploinsufficient tumor suppressor essential for chromosome stability in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1266-1282.	3.9	52
22	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.	4.8	49
23	Binding and regulation of the transcription factor NFAT by the peptidyl prolyl cis-trans isomerase Pin1. <i>FEBS Letters</i> , 2001, 496, 105-108.	1.3	45
24	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.	0.9	42
25	Identification of a potent and selective covalent Pin1 inhibitor. <i>Nature Chemical Biology</i> , 2020, 16, 979-987.	3.9	40
26	Prolyl Isomerase Pin1 Regulates Axon Guidance by Stabilizing CRMP2A Selectively in Distal Axons. <i>Cell Reports</i> , 2015, 13, 812-828.	2.9	39
27	An IRAK1-PIN1 signalling axis drives intrinsic tumour resistance to radiation therapy. <i>Nature Cell Biology</i> , 2019, 21, 203-213.	4.6	38
28	Melatonin directly binds and inhibits death-associated protein kinase 1 function in Alzheimer's disease. <i>Journal of Pineal Research</i> , 2020, 69, e12665.	3.4	37
29	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.	2.1	35
30	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.	3.2	35
31	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, .	5.8	34
32	The role of Pin1 in the development and treatment of cancer. <i>Archives of Pharmacal Research</i> , 2016, 39, 1609-1620.	2.7	32
33	Involvement of the telomeric protein Pin2/TRF1 in the regulation of the mitotic spindle. <i>FEBS Letters</i> , 2002, 514, 193-198.	1.3	31
34	Role of Pin2/TRF1 in telomere maintenance and cell cycle control. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 19-37.	1.2	30
35	Cobalt induces neurodegenerative damages through Pin1 inactivation in mice and human neuroglioma cells. <i>Journal of Hazardous Materials</i> , 2021, 419, 126378.	6.5	25
36	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.	1.3	24

#	ARTICLE	IF	CITATIONS
37	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.	6.9	23
38	Inactivation of the Prolyl Isomerase Pin1 Sensitizes BRCA1-Proficient Breast Cancer to PARP Inhibition. <i>Cancer Research</i> , 2020, 80, 3033-3045.	0.4	23
39	Inhibition of death-associated protein kinase 1 attenuates cis P-tau and neurodegeneration in traumatic brain injury. <i>Progress in Neurobiology</i> , 2021, 203, 102072.	2.8	22
40	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.	1.8	19
41	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.	1.9	18
42	The prolyl isomerase Pin1 regulates hypoxia-inducible transcription factor (HIF) activity. <i>Cellular Signalling</i> , 2014, 26, 1649-1656.	1.7	17
43	PinX1: a sought-after major tumor suppressor at human chromosome 8p23. <i>Oncotarget</i> , 2011, 2, 810-819.	0.8	16
44	â€œTau immunotherapy: Hopes and hindrancesâ€•. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 277-284.	1.4	15
45	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.	1.6	13
46	Targeting Prion-like Cis Phosphorylated Tau Pathology in Neurodegenerative Diseases. , 2018, 08, .		12
47	Targeting PIN 1 exerts potent antitumor activity in pancreatic ductal carcinoma via inhibiting tumor metastasis. <i>Cancer Science</i> , 2019, 110, 2442-2455.	1.7	9
48	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.	0.4	7
49	The Pin1-CaMKII-AMPA Receptor Axis Regulates Epileptic Susceptibility. <i>Cerebral Cortex</i> , 2021, 31, 3082-3095.	1.6	6
50	O4-04-01: Pin1 protects against tau and Abeta-related pathologies and delays onset of Alzheimer's disease. , 2010, 6, S154-S155.		2