

# Tae Ho Lee

## List of Publications by Citations

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49  
papers

2,603  
citations

23  
h-index

51  
g-index

53  
ext. papers

3,103  
ext. citations

11  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
49	Prolyl cis-trans isomerization as a molecular timer. <i>Nature Chemical Biology</i> , <b>2007</b> , 3, 619-29	11.7	476
48	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , <b>2014</b> , 508, 541-5	50.4	232
47	Sin1 phosphorylation impairs mTORC2 complex integrity and inhibits downstream Akt signalling to suppress tumorigenesis. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 1340-50	23.4	180
46	Active Pin1 is a key target of all-trans retinoic acid in acute promyelocytic leukemia and breast cancer. <i>Nature Medicine</i> , <b>2015</b> , 21, 457-66	50.5	166
45	Peptidyl-prolyl cis-trans isomerase Pin1 in ageing, cancer and Alzheimer disease. <i>Expert Reviews in Molecular Medicine</i> , <b>2011</b> , 13, e21	6.7	134
44	Death-associated protein kinase 1 phosphorylates Pin1 and inhibits its prolyl isomerase activity and cellular function. <i>Molecular Cell</i> , <b>2011</b> , 42, 147-59	17.6	123
43	Negative regulation of the stability and tumor suppressor function of Fbw7 by the Pin1 prolyl isomerase. <i>Molecular Cell</i> , <b>2012</b> , 46, 771-83	17.6	116
42	Therapeutic Implications for Overcoming Radiation Resistance in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 26880-913	6.3	110
41	Deficiency in ubiquitin ligase TRIM2 causes accumulation of neurofilament light chain and neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 12016-21	11.5	91
40	Essential role of Pin1 in the regulation of TRF1 stability and telomere maintenance. <i>Nature Cell Biology</i> , <b>2009</b> , 11, 97-105	23.4	85
39	The F-box protein FBX4 targets PIN2/TRF1 for ubiquitin-mediated degradation and regulates telomere maintenance. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 759-68	5.4	82
38	Pin1 has opposite effects on wild-type and P301L tau stability and tauopathy. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 1877-89	15.9	80
37	Essential role for the prolyl isomerase Pin1 in Toll-like receptor signaling and type I interferon-mediated immunity. <i>Nature Immunology</i> , <b>2011</b> , 12, 733-41	19.1	64
36	Pin1 cysteine-113 oxidation inhibits its catalytic activity and cellular function in Alzheimer's disease. <i>Neurobiology of Disease</i> , <b>2015</b> , 76, 13-23	7.5	62
35	SEN1 deSUMOylates and regulates Pin1 protein activity and cellular function. <i>Cancer Research</i> , <b>2013</b> , 73, 3951-62	10.1	60
34	Mixed-lineage kinase 3 phosphorylates prolyl-isomerase Pin1 to regulate its nuclear translocation and cellular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 8149-54	11.5	51
33	The telomerase inhibitor PinX1 is a major haploinsufficient tumor suppressor essential for chromosome stability in mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1266-82	15.9	46

32	Cellular Mechanisms of Melatonin: Insight from Neurodegenerative Diseases. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	34
31	Telomerase inhibitor PinX1 provides a link between TRF1 and telomerase to prevent telomere elongation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 3894-906	5.4	32
30	Death-associated protein kinase 1 phosphorylates NDRG2 and induces neuronal cell death. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 238-250	12.7	30
29	WT1 is a modifier of the Pax2 mutant phenotype: cooperation and interaction between WT1 and Pax2. <i>Oncogene</i> , <b>2003</b> , 22, 8145-55	9.2	30
28	Death-Associated Protein Kinase 1 Phosphorylation in Neuronal Cell Death and Neurodegenerative Disease. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	24
27	Inhibition of Wilms tumor 1 transactivation by bone marrow zinc finger 2, a novel transcriptional repressor. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 44826-37	5.4	24
26	Inhibition of death-associated protein kinase 1 attenuates the phosphorylation and amyloidogenic processing of amyloid precursor protein. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 2498-2513	5.6	23
25	Phosphorylation Signaling in APP Processing in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	22
24	A potential therapeutic effect of saikosaponin C as a novel dual-target anti-Alzheimer agent. <i>Journal of Neurochemistry</i> , <b>2016</b> , 136, 1232-1245	6	22
23	Pin1 inhibition reverses the acquired resistance of human hepatocellular carcinoma cells to Regorafenib via the Gli1/Snail/E-cadherin pathway. <i>Cancer Letters</i> , <b>2019</b> , 444, 82-93	9.9	22
22	Melatonin directly binds and inhibits death-associated protein kinase 1 function in Alzheimer's disease. <i>Journal of Pineal Research</i> , <b>2020</b> , 69, e12665	10.4	20
21	Caspase-4 is essential for saikosaponin a-induced apoptosis acting upstream of caspase-2 and B2AX in colon cancer cells. <i>Oncotarget</i> , <b>2017</b> , 8, 100433-100448	3.3	20
20	The essential role of FKBP38 in regulating phosphatase of regenerating liver 3 (PRL-3) protein stability. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 406, 305-9	3.4	18
19	Targeting Pin1 renders pancreatic cancer eradicable by synergizing with immunochemotherapy. <i>Cell</i> , <b>2021</b> , 184, 4753-4771.e27	56.2	18
18	Pinning down HER2-ER crosstalk in SMRT regulation. <i>Trends in Biochemical Sciences</i> , <b>2009</b> , 34, 162-5	10.3	16
17	Saikosaponin C inhibits lipopolysaccharide-induced apoptosis by suppressing caspase-3 activation and subsequent degradation of focal adhesion kinase in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 445, 615-21	3.4	15
16	Peptidyl-Prolyl Isomerase Pin1 and Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 355	5.7	10
15	Post-translational Modifications of the Peptidyl-Prolyl Isomerase Pin1. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 129	5.7	9

14	Melatonin as a Novel Interventional Candidate for Fragile X Syndrome with Autism Spectrum Disorder in Humans. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	9
13	Potential implications of hydrogen peroxide in the pathogenesis and therapeutic strategies of gliomas. <i>Archives of Pharmacal Research</i> , <b>2020</b> , 43, 187-203	6.1	8
12	Inhibition of death-associated protein kinase 1 attenuates cis P-tau and neurodegeneration in traumatic brain injury. <i>Progress in Neurobiology</i> , <b>2021</b> , 203, 102072	10.9	7
11	Pathophysiological role of endogenous irisin against tumorigenesis and metastasis: Is it a potential biomarker and therapeutic?. <i>Tumor Biology</i> , <b>2019</b> , 41, 1010428319892790	2.9	6
10	The Genetics of Alzheimer's Disease in the Chinese Population. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
9	Death-associated protein kinase 1 mediates A $\beta$ 2 aggregation-induced neuronal apoptosis and tau dysregulation in Alzheimer's disease.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 693-706	11.2	3
8	Role of Protein Kinases and Their Inhibitors in Radiation Response of Tumor Cells. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 4259-4280	3.3	3
7	Induction of IL-6R $\alpha$ by ATF3 enhances IL-6 mediated sorafenib and regorafenib resistance in hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2022</b> , 524, 161-171	9.9	3
6	Inhibition of Death-associated Protein Kinase 1 protects against Epileptic Seizures in mice. <i>International Journal of Biological Sciences</i> , <b>2021</b> , 17, 2356-2366	11.2	3
5	Melatonin ameliorates tau-related pathology via the miR-504-3p and CDK5 axis in Alzheimer's disease.. <i>Translational Neurodegeneration</i> , <b>2022</b> , 11, 27	10.3	3
4	Programmed Cell Death Protein 1 Blockade Reduces Glycogen Synthase Kinase 3 $\beta$ Activity and Tau Hyperphosphorylation in Alzheimer's Disease Mouse Models.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 769229	5.7	1
3	The Pin1-CaMKII-AMPA Receptor Axis Regulates Epileptic Susceptibility. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 3082-3095	5.0	0
2	Novel regulation of death-associated protein kinase 1 in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e047572	1.2	
1	New oncogenic signalling pathway: EWS-Oct4 mediates bone and soft tissue tumourigenesis by activating fibroblast growth factor-4. <i>FEBS Journal</i> , <b>2019</b> , 286, 4418-4421	5.7	