

# Hui-Kuan Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

4,826  
citations

126907

33  
h-index

110387

64  
g-index

69  
all docs

69  
docs citations

69  
times ranked

7834  
citing authors

#	ARTICLE	IF	CITATIONS
1	The foundational framework of tumors: Gametogenesis, p53, and cancer. <i>Seminars in Cancer Biology</i> , 2022, 81, 193-205.	9.6	5
2	AMPK signaling and its targeting in cancer progression and treatment. <i>Seminars in Cancer Biology</i> , 2022, 85, 52-68.	9.6	50
3	NEDD4 degrades TUSC2 to promote glioblastoma progression. <i>Cancer Letters</i> , 2022, 531, 124-135.	7.2	6
4	A gene signature consisting of ubiquitin ligases and deubiquitinating enzymes of SKP2 is associated with clinical outcome in breast cancer. <i>Scientific Reports</i> , 2022, 12, 2478.	3.3	2
5	SIRP $\beta^3$ -expressing cancer stem-like cells promote immune escape of lung cancer via Hippo signaling. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	20
6	UHRF1: a novel metabolic guardian restricting AMPK activity. <i>Cell Research</i> , 2022, 32, 3-4.	12.0	0
7	Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. <i>Molecular Cell</i> , 2021, 81, 3803-3819.e7.	9.7	39
8	Insights into the post-translational modification and its emerging role in shaping the tumor microenvironment. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 422.	17.1	57
9	A chirality-dependent action of vitamin C in suppressing Kirsten rat sarcoma mutant tumor growth by the oxidative combination: Rationale for cancer therapeutics. <i>International Journal of Cancer</i> , 2020, 146, 2822-2828.	5.1	9
10	Ubiquitin Carboxyl-Terminal Hydrolase L1 (UCHL1) Promotes Uterine Serous Cancer Cell Proliferation and Cell Cycle Progression. <i>Cancers</i> , 2020, 12, 118.	3.7	22
11	One-pot construction of functionalized aziridines and maleimides <i>via</i> a novel pseudo-Knoevenagel cascade reaction. <i>Chemical Communications</i> , 2020, 56, 2194-2197.	4.1	8
12	Identification of Plasma Glycosphingolipids as Potential Biomarkers for Prostate Cancer (PCa) Status. <i>Biomolecules</i> , 2020, 10, 1393.	4.0	12
13	Phosphorylation of PDHA by AMPK Drives TCA Cycle to Promote Cancer Metastasis. <i>Molecular Cell</i> , 2020, 80, 263-278.e7.	9.7	120
14	Her2 promotes early dissemination of breast cancer by suppressing the p38 pathway through Skp2-mediated proteasomal degradation of Tpl2. <i>Oncogene</i> , 2020, 39, 7034-7050.	5.9	6
15	Expeditious access of chromone analogues <i>via</i> a Michael addition-driven multicomponent reaction. <i>Organic Chemistry Frontiers</i> , 2020, 7, 987-992.	4.5	12
16	The Skp2 Pathway: A Critical Target for Cancer Therapy. <i>Seminars in Cancer Biology</i> , 2020, 67, 16-33.	9.6	81
17	Identification of primordial germ cell-like cells as liver metastasis initiating cells in mouse tumour models. <i>Cell Discovery</i> , 2020, 6, 15.	6.7	4
18	AMPK maintains TCA cycle through sequential phosphorylation of PDHA to promote tumor metastasis. <i>Cell Stress</i> , 2020, 4, 273-277.	3.2	8

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19	Diversity-Oriented Synthesis of Imidazo-Dipyridines with Anticancer Activity via the Groebke-Blackburn-Bienaymé and TBAB-Mediated Cascade Reaction in One Pot. <i>Journal of Organic Chemistry</i> , 2019, 84, 12632-12638.	3.2	22
20	Systematically understanding the immunity leading to CRPC progression. <i>PLoS Computational Biology</i> , 2019, 15, e1007344.	3.2	23
21	SETDB1-mediated methylation of Akt promotes its K63-linked ubiquitination and activation leading to tumorigenesis. <i>Nature Cell Biology</i> , 2019, 21, 214-225.	10.3	133
22	Lactate Is a Natural Suppressor of RLR Signaling by Targeting MAVS. <i>Cell</i> , 2019, 178, 176-189.e15.	28.9	327
23	Functionalized Spiroindolines with Anticancer Activity through a Metal-Free Post-Ugi Diastereoselective One-Pot Cascade Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 6732-6736.	3.3	7
24	Atad3a suppresses Pink1-dependent mitophagy to maintain homeostasis of hematopoietic progenitor cells. <i>Nature Immunology</i> , 2018, 19, 29-40.	14.5	97
25	The critical role of AMPK in driving Akt activation under stress, tumorigenesis and drug resistance. <i>Nature Communications</i> , 2018, 9, 4728.	12.8	125
26	Abnormal gametogenesis induced by p53 deficiency promotes tumor progression and drug resistance. <i>Cell Discovery</i> , 2018, 4, 54.	6.7	11
27	Diversity-Oriented Synthesis of Functionalized Imidazopyridine Analogues with Anti-Cancer Activity through a Transition-Metal Free, One-pot Cascade Reaction. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3655-3661.	4.3	10
28	Facile construction of fused benzimidazole-isoquinolinones that induce cell-cycle arrest and apoptosis in colorectal cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3899-3908.	3.0	24
29	Characterization of the GNMT-HectH9-PREX2 tripartite relationship in the pathogenesis of hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2017, 140, 2284-2297.	5.1	28
30	H3 ubiquitination by NEDD4 regulates H3 acetylation and tumorigenesis. <i>Nature Communications</i> , 2017, 8, 14799.	12.8	34
31	A hypoxia-responsive TRAF6-ATM-H2AX signalling axis promotes HIF1 $\alpha$ activation, tumorigenesis and metastasis. <i>Nature Cell Biology</i> , 2017, 19, 38-51.	10.3	83
32	Phosphorylation by mTORC1 stabilizes Skp2 and regulates its oncogenic function in gastric cancer. <i>Molecular Cancer</i> , 2017, 16, 83.	19.2	19
33	SENPI1 regulates PTEN stability to dictate prostate cancer development. <i>Oncotarget</i> , 2017, 8, 17651-17664.	1.8	37
34	TRAF6 Restricts p53 Mitochondrial Translocation, Apoptosis, and Tumor Suppression. <i>Molecular Cell</i> , 2016, 64, 803-814.	9.7	63
35	LncRNA NBR2 engages a metabolic checkpoint by regulating AMPK under energy stress. <i>Nature Cell Biology</i> , 2016, 18, 431-442.	10.3	239
36	JARID1D Is a Suppressor and Prognostic Marker of Prostate Cancer Invasion and Metastasis. <i>Cancer Research</i> , 2016, 76, 831-843.	0.9	99

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37	Targeting ubiquitination for cancer therapies. <i>Future Medicinal Chemistry</i> , 2015, 7, 2333-2350.	2.3	85
38	Skp2 is required for Aurora B activation in cell mitosis and spindle checkpoint. <i>Cell Cycle</i> , 2015, 14, 3877-3884.	2.6	14
39	Skp2-Dependent Ubiquitination and Activation of LKB1 Is Essential for Cancer Cell Survival under Energy Stress. <i>Molecular Cell</i> , 2015, 57, 1022-1033.	9.7	97
40	Skp2-Mediated RagA Ubiquitination Elicits a Negative Feedback to Prevent Amino-Acid-Dependent mTORC1 Hyperactivation by Recruiting GATOR1. <i>Molecular Cell</i> , 2015, 58, 989-1000.	9.7	69
41	Novel Inhibitors Induce Large Conformational Changes of GAB1 Pleckstrin Homology Domain and Kill Breast Cancer Cells. <i>PLoS Computational Biology</i> , 2015, 11, e1004021.	3.2	23
42	Skp2- $\beta$ -Tubulin axis orchestrates G2/M transition and tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6641.	12.8	87
43	Novel Cancer Therapeutics with Allosteric Modulation of the Mitochondrial C-Raf-DAPK Complex by Raf Inhibitor Combination Therapy. <i>Cancer Research</i> , 2015, 75, 3568-3582.	0.9	19
44	Circular RNAs in cancer: novel insights into origins, properties, functions and implications. <i>American Journal of Cancer Research</i> , 2015, 5, 472-80.	1.4	221
45	Akt: a new activation mechanism. <i>Cell Research</i> , 2014, 24, 785-786.	12.0	47
46	Skp2: A dream target in the coming age of cancer therapy. <i>Cell Cycle</i> , 2014, 13, 679-680.	2.6	39
47	Posttranslational regulation of Akt in human cancer. <i>Cell and Bioscience</i> , 2014, 4, 59.	4.8	111
48	MDM2-mediated degradation of SIRT6 phosphorylated by AKT1 promotes tumorigenesis and trastuzumab resistance in breast cancer. <i>Science Signaling</i> , 2014, 7, ra71.	3.6	90
49	E3-ligase Skp2 regulates $\beta$ -catenin expression and maintains hematopoietic stem cell homing. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 566-571.	2.1	13
50	Skp2 E3 Ligase Integrates ATM Activation and Homologous Recombination Repair by Ubiquitinating NBS1. <i>Molecular Cell</i> , 2012, 46, 351-361.	9.7	115
51	The Skp2-SCF E3 Ligase Regulates Akt Ubiquitination, Glycolysis, Herceptin Sensitivity, and Tumorigenesis. <i>Cell</i> , 2012, 149, 1098-1111.	28.9	332
52	Critical Role of Monoubiquitination of Histone H2AX Protein in Histone H2AX Phosphorylation and DNA Damage Response*. <i>Journal of Biological Chemistry</i> , 2011, 286, 30806-30815.	3.4	69
53	PML and PMLRAR $\alpha$ Interact with Fas to Regulate Fas-Mediated Apoptosis In Vivo. <i>Blood</i> , 2011, 118, 2451-2451.	1.4	0
54	Deciphering the transcriptional complex critical for RhoA gene expression and cancer metastasis. <i>Nature Cell Biology</i> , 2010, 12, 457-467.	10.3	190

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55	Regulation of Skp2 Expression and Activity and Its Role in Cancer Progression. Scientific World Journal, The, 2010, 10, 1001-1015.	2.1	98
56	Regulation of Akt signaling activation by ubiquitination. Cell Cycle, 2010, 9, 486-497.	2.6	130
57	Phosphorylation-dependent regulation of cytosolic localization and oncogenic function of Skp2 by Akt/PKB. Nature Cell Biology, 2009, 11, 420-432.	10.3	213
58	The E3 Ligase TRAF6 Regulates Akt Ubiquitination and Activation. Science, 2009, 325, 1134-1138.	12.6	527
59	Deregulated TGF- $\beta$ signaling in leukemogenesis. Oncogene, 2005, 24, 5693-5700.	5.9	50
60	Cytoplasmic PML function in TGF- $\beta$ signalling. Nature, 2004, 431, 205-211.	27.8	291
61	Cytoplasmic PML Function in TGF- $\beta$ Signaling.. Blood, 2004, 104, 481-481.	1.4	1