Hui-Kuan Lin

List of Publications by Year
in descending order

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 E3 Ligase TRAF6 Regulates Akt Ubiquitination and Activation. Science, 2009, 325, 1134-1138.	12.6	527
2	The Skp2-SCF E3 Ligase Regulates Akt Ubiquitination, Glycolysis, Herceptin Sensitivity, and Tumorigenesis. Cell, 2012, 149, 1098-1111.	28.9	332
3	Lactate Is a Natural Suppressor of RLR Signaling by Targeting MAVS. Cell, 2019, 178, 176-189.e15.	28.9	327
4	Cytoplasmic PML function in TGF-Î² signalling. Nature, 2004, 431, 205-211.	27.8	291
5	LncRNA NBR2 engages a metabolic checkpoint by regulating AMPK under energy stress. Nature Cell Biology, 2016, 18, 431-442.	10.3	239
6	Circular RNAs in cancer: novel insights into origins, properties, functions and implications. American Journal of Cancer Research, 2015, 5, 472-80.	1.4	221
7	Phosphorylation-dependent regulation of cytosolic localization and oncogenic function of Skp2 by Akt/PKB. Nature Cell Biology, 2009, 11, 420-432.	10.3	213
8	Deciphering the transcriptional complex critical for RhoA gene expression and cancer metastasis. Nature Cell Biology, 2010, 12, 457-467.	10.3	190
9	SETDB1-mediated methylation of Akt promotes its K63-linked ubiquitination and activation leading to tumorigenesis. Nature Cell Biology, 2019, 21, 214-225.	10.3	133
10	Regulation of Akt signaling activation by ubiquitination. Cell Cycle, 2010, 9, 486-497.	2.6	130
11	The critical role of AMPK in driving Akt activation under stress, tumorigenesis and drug resistance. Nature Communications, 2018, 9, 4728.	12.8	125
12	Phosphorylation of PDHA by AMPK Drives TCA Cycle to Promote Cancer Metastasis. Molecular Cell, 2020, 80, 263-278.e7.	9.7	120
13	Skp2 E3 Ligase Integrates ATM Activation and Homologous Recombination Repair by Ubiquitinating NBS1. Molecular Cell, 2012, 46, 351-361.	9.7	115
14	Posttranslational regulation of Akt in human cancer. Cell and Bioscience, 2014, 4, 59.	4.8	111
15	JARID1D Is a Suppressor and Prognostic Marker of Prostate Cancer Invasion and Metastasis. Cancer Research, 2016, 76, 831-843.	0.9	99
16	Regulation of Skp2 Expression and Activity and Its Role in Cancer Progression. Scientific World Journal, The, 2010, 10, 1001-1015.	2.1	98
17	Skp2-Dependent Ubiquitination and Activation of LKB1 Is Essential for Cancer Cell Survival under Energy Stress. Molecular Cell, 2015, 57, 1022-1033.	9.7	97
18	Atad3a suppresses Pink1-dependent mitophagy to maintain homeostasis of hematopoietic progenitor cells. Nature Immunology, 2018, 19, 29-40.	14.5	97

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19	MDM2-mediated degradation of SIRT6 phosphorylated by AKT1 promotes tumorigenesis and trastuzumab resistance in breast cancer. Science Signaling, 2014, 7, ra71.	3.6	90
20	Skp2â€"MacroH2A1â€"CDK8 axis orchestrates G2/M transition and tumorigenesis. Nature Communications, 2015, 6, 6641.	12.8	87
21	Targeting ubiquitination for cancer therapies. Future Medicinal Chemistry, 2015, 7, 2333-2350.	2.3	85
22	A hypoxia-responsive TRAF6â€"ATMâ€"H2AX signalling axis promotes HIF1Î± activation, tumorigenesis andÂmetastasis. Nature Cell Biology, 2017, 19, 38-51.	10.3	83
23	The Skp2 Pathway: A Critical Target for Cancer Therapy. Seminars in Cancer Biology, 2020, 67, 16-33.	9.6	81
24	Critical Role of Monoubiquitination of Histone H2AX Protein in Histone H2AX Phosphorylation and DNA Damage Response*. Journal of Biological Chemistry, 2011, 286, 30806-30815.	3.4	69
25	Skp2-Mediated RagA Ubiquitination Elicits a Negative Feedback to Prevent Amino-Acid-Dependent mTORC1 Hyperactivation by Recruiting GATOR1. Molecular Cell, 2015, 58, 989-1000.	9.7	69
26	TRAF6 Restricts p53 Mitochondrial Translocation, Apoptosis, and Tumor Suppression. Molecular Cell, 2016, 64, 803-814.	9.7	63
27	Insights into the post-translational modification and its emerging role in shaping the tumor microenvironment. Signal Transduction and Targeted Therapy, 2021, 6, 422.	17.1	57
28	Deregulated TGF-Î² signaling in leukemogenesis. Oncogene, 2005, 24, 5693-5700.	5.9	50
29	AMPK signaling and its targeting in cancer progression and treatment. Seminars in Cancer Biology, 2022, 85, 52-68.	9.6	50
30	Akt: a new activation mechanism. Cell Research, 2014, 24, 785-786.	12.0	47
31	Skp2: A dream target in the coming age of cancer therapy. Cell Cycle, 2014, 13, 679-680.	2.6	39
32	Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. Molecular Cell, 2021, 81, 3803-3819.e7.	9.7	39
33	SENP1 regulates PTEN stability to dictate prostate cancer development. Oncotarget, 2017, 8, 17651-17664.	1.8	37
34	H3 ubiquitination by NEDD4 regulates H3 acetylation and tumorigenesis. Nature Communications, 2017, 8, 14799.	12.8	34
35	Characterization of the GNMT-HectH9-PREX2 tripartite relationship in the pathogenesis of hepatocellular carcinoma. International Journal of Cancer, 2017, 140, 2284-2297.	5.1	28
36	Facile construction of fused benzimidazole-isoquinolinones that induce cell-cycle arrest and apoptosis in colorectal cancer cells. Bioorganic and Medicinal Chemistry, 2018, 26, 3899-3908.	3.0	24

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37	Novel Inhibitors Induce Large Conformational Changes of GAB1 Pleckstrin Homology Domain and Kill Breast Cancer Cells. PLoS Computational Biology, 2015, 11, e1004021.	3.2	23
38	Systematically understanding the immunity leading to CRPC progression. PLoS Computational Biology, 2019, 15, e1007344.	3.2	23
39	Diversity-Oriented Synthesis of Imidazo-Dipyridines with Anticancer Activity via the Groebkeâ€“Blackburnâ€“BienaymÃ© and TBAB-Mediated Cascade Reaction in One Pot. Journal of Organic Chemistry, 2019, 84, 12632-12638.	3.2	22
40	Ubiquitin Carboxyl-Terminal Hydrolase L1 (UCHL1) Promotes Uterine Serous Cancer Cell Proliferation and Cell Cycle Progression. Cancers, 2020, 12, 118.	3.7	22
41	SIRPÎ³-expressing cancer stem-like cells promote immune escape of lung cancer via Hippo signaling. Journal of Clinical Investigation, 2022, 132, .	8.2	20
42	Novel Cancer Therapeutics with Allosteric Modulation of the Mitochondrial C-Rafâ€“DAPK Complex by Raf Inhibitor Combination Therapy. Cancer Research, 2015, 75, 3568-3582.	0.9	19
43	Phosphorylation by mTORC1 stablizes Skp2 and regulates its oncogenic function in gastric cancer. Molecular Cancer, 2017, 16, 83.	19.2	19
44	Skp2 is required for Aurora B activation in cell mitosis and spindle checkpoint. Cell Cycle, 2015, 14, 3877-3884.	2.6	14
45	E3-ligase Skp2 regulates Î²-catenin expression and maintains hematopoietic stem cell homing. Biochemical and Biophysical Research Communications, 2014, 445, 566-571.	2.1	13
46	Identification of Plasma Glycosphingolipids as Potential Biomarkers for Prostate Cancer (PCa) Status. Biomolecules, 2020, 10, 1393.	4.0	12
47	Expeditious access of chromone analogues <i>via</i> a Michael addition-driven multicomponent reaction. Organic Chemistry Frontiers, 2020, 7, 987-992.	4.5	12
48	Abnormal gametogenesis induced by p53 deficiency promotes tumor progression and drug resistance. Cell Discovery, 2018, 4, 54.	6.7	11
49	Diversityâ€Oriented Synthesis of Functionalized Imidazopyridine Analogues with Antiâ€Cancer Activity through a Transitionâ€Metal Free, Oneâ€pot Cascade Reaction. Advanced Synthesis and Catalysis, 2018, 360, 3655-3661.	4.3	10
50	A chiralityâ€dependent action of vitamin C in suppressing Kirsten rat sarcoma mutant tumor growth by the oxidative combination: Rationale for cancer therapeutics. International Journal of Cancer, 2020, 146, 2822-2828.	5.1	9
51	One-pot construction of functionalized aziridines and maleimides <i>via</i> a novel pseudo-Knoevenagel cascade reaction. Chemical Communications, 2020, 56, 2194-2197.	4.1	8
52	AMPK maintains TCA cycle through sequential phosphorylation of PDHA to promote tumor metastasis. Cell Stress, 2020, 4, 273-277.	3.2	8
53	Functionalized Spiroindolines with Anticancer Activity through a Metalâ€Free Postâ€Ugi Diastereoselective Oneâ€Pot Cascade Reaction. Chemistry - A European Journal, 2018, 24, 6732-6736.	3.3	7
54	Her2 promotes early dissemination of breast cancer by suppressing the p38 pathway through Skp2-mediated proteasomal degradation of Tpl2. Oncogene, 2020, 39, 7034-7050.	5.9	6

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55	NEDD4 degrades TUSC2 to promote glioblastoma progression. Cancer Letters, 2022, 531, 124-135.	7.2	6
56	The foundational framework of tumors: Gametogenesis, p53, and cancer. Seminars in Cancer Biology, 2022, 81, 193-205.	9.6	5
57	Identification of primordial germ cell-like cells as liver metastasis initiating cells in mouse tumour models. Cell Discovery, 2020, 6, 15.	6.7	4
58	A gene signature consisting of ubiquitin ligases and deubiquitinating enzymes of SKP2 is associated with clinical outcome in breast cancer. Scientific Reports, 2022, 12, 2478.	3.3	2
59	Cytoplasmic PML Function in TGF-Î² Signaling.. Blood, 2004, 104, 481-481.	1.4	1
60	PML and PMLRARÎ± Interact with Fas to Regulate Fas-Mediated Apoptosis In Vivo. Blood, 2011, 118, 2451-2451.	1.4	0
61	UHRF1: a novel metabolic guardian restricting AMPK activity. Cell Research, 2022, 32, 3-4.	12.0	0