

Ruey-Hwa Chen

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

5,793
citations

40
h-index

75
g-index

87
ext. papers

6,438
ext. citations

10.8
avg, IF

5.37
L-index

#	Paper	IF	Citations
86	Cloning of a type I TGF-beta receptor and its effect on TGF-beta binding to the type II receptor. <i>Science</i> , 1993 , 260, 1344-8	33.3	384
85	Inactivation of the type II receptor reveals two receptor pathways for the diverse TGF-beta activities. <i>Science</i> , 1993 , 260, 1335-8	33.3	370
84	TGF-beta induces apoptosis through Smad-mediated expression of DAP-kinase. <i>Nature Cell Biology</i> , 2002 , 4, 51-8	23.4	321
83	miR-103/107 promote metastasis of colorectal cancer by targeting the metastasis suppressors DAPK and KLF4. <i>Cancer Research</i> , 2012 , 72, 3631-41	10.1	246
82	Determination of type I receptor specificity by the type II receptors for TGF-beta or activin. <i>Science</i> , 1993 , 262, 900-2	33.3	209
81	Interleukin-6 inhibits transforming growth factor-beta-induced apoptosis through the phosphatidylinositol 3-kinase/Akt and signal transducers and activators of transcription 3 pathways. <i>Journal of Biological Chemistry</i> , 1999 , 274, 23013-9	5.4	192
80	A WD-domain protein that is associated with and phosphorylated by the type II TGF-beta receptor. <i>Nature</i> , 1995 , 377, 548-52	50.4	183
79	Suppression of transforming growth factor-beta-induced apoptosis through a phosphatidylinositol 3-kinase/Akt-dependent pathway. <i>Oncogene</i> , 1998 , 17, 1959-68	9.2	173
78	Bidirectional signals transduced by DAPK-ERK interaction promote the apoptotic effect of DAPK. <i>EMBO Journal</i> , 2005 , 24, 294-304	13	166
77	Cul3-KLHL20 Ubiquitin Ligase Governs the Turnover of ULK1 and VPS34 Complexes to Control Autophagy Termination. <i>Molecular Cell</i> , 2016 , 61, 84-97	17.6	138
76	DAP-kinase induces apoptosis by suppressing integrin activity and disrupting matrix survival signals. <i>Journal of Cell Biology</i> , 2002 , 159, 169-79	7.3	134
75	Brk activates rac1 and promotes cell migration and invasion by phosphorylating paxillin. <i>Molecular and Cellular Biology</i> , 2004 , 24, 10558-72	4.8	131
74	Effect of excision repair by diploid human fibroblasts on the kinds and locations of mutations induced by (+/-)-7 beta,8 alpha-dihydroxy-9 alpha,10 alpha-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene in the coding region of the HPRT gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 2488-91	11.5	127
73	Pentoxifylline attenuates tubulointerstitial fibrosis by blocking Smad3/4-activated transcription and profibrogenic effects of connective tissue growth factor. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 2702-13	12.7	125
72	A Cullin3-KLHL20 Ubiquitin ligase-dependent pathway targets PML to potentiate HIF-1 signaling and prostate cancer progression. <i>Cancer Cell</i> , 2011 , 20, 214-28	24.3	124
71	Death-associated protein kinase 1 phosphorylates Pin1 and inhibits its prolyl isomerase activity and cellular function. <i>Molecular Cell</i> , 2011 , 42, 147-59	17.6	123
70	Etk, a Btk family tyrosine kinase, mediates cellular transformation by linking Src to STAT3 activation. <i>Molecular and Cellular Biology</i> , 2000 , 20, 2043-54	4.8	118

69	Preferential repair and strand-specific repair of benzo[a]pyrene diol epoxide adducts in the HPRT gene of diploid human fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 5413-7	11.5	116
68	Reactivation of PTEN tumor suppressor for cancer treatment through inhibition of a MYC-WWP1 inhibitory pathway. <i>Science</i> , 2019 , 364,	33.3	115
67	Structural and functional roles of Daxx SIM phosphorylation in SUMO paralog-selective binding and apoptosis modulation. <i>Molecular Cell</i> , 2011 , 42, 62-74	17.6	112
66	K33-Linked Polyubiquitination of Coronin 7 by Cul3-KLHL20 Ubiquitin E3 Ligase Regulates Protein Trafficking. <i>Molecular Cell</i> , 2014 , 54, 586-600	17.6	95
65	The tumor suppressor DAPK inhibits cell motility by blocking the integrin-mediated polarity pathway. <i>Journal of Cell Biology</i> , 2006 , 172, 619-31	7.3	93
64	The type II transforming growth factor-beta receptor autophosphorylates not only on serine and threonine but also on tyrosine residues. <i>Journal of Biological Chemistry</i> , 1997 , 272, 14850-9	5.4	92
63	Daxx mediates the small ubiquitin-like modifier-dependent transcriptional repression of Smad4. <i>Journal of Biological Chemistry</i> , 2005 , 280, 10164-73	5.4	90
62	PSPC1 mediates TGF- β autocrine signalling and Smad2/3 target switching to promote EMT, stemness and metastasis. <i>Nature Cell Biology</i> , 2018 , 20, 479-491	23.4	88
61	The Cullin 3 substrate adaptor KLHL20 mediates DAPK ubiquitination to control interferon responses. <i>EMBO Journal</i> , 2010 , 29, 1748-61	13	87
60	Kinds and location of mutations induced by (+/-)-7 beta,8 alpha-dihydroxy-9 alpha,10 alpha-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene in the coding region of the hypoxanthine (guanine) phosphoribosyltransferase gene in diploid human fibroblasts. <i>Carcinogenesis</i> , 1991 , 12, 71-5	4.6	81
59	Phosphorylation-dependent interaction of the cytoplasmic domains of the type I and type II transforming growth factor-beta receptors. <i>Journal of Biological Chemistry</i> , 1995 , 270, 12235-41	5.4	70
58	Uncoordinated regulation of stress fibers and focal adhesions by DAP kinase. <i>Journal of Cell Science</i> , 2003 , 116, 4777-90	5.3	69
57	Ubiquitin-mediated regulation of autophagy. <i>Journal of Biomedical Science</i> , 2019 , 26, 80	13.3	68
56	Breast tumor kinase phosphorylates p190RhoGAP to regulate rho and ras and promote breast carcinoma growth, migration, and invasion. <i>Cancer Research</i> , 2008 , 68, 7779-87	10.1	64
55	USP11 regulates PML stability to control Notch-induced malignancy in brain tumours. <i>Nature Communications</i> , 2014 , 5, 3214	17.4	62
54	LncRNA NORAD is repressed by the YAP pathway and suppresses lung and breast cancer metastasis by sequestering S100P. <i>Oncogene</i> , 2019 , 38, 5612-5626	9.2	61
53	SENPA1 deSUMOylates and regulates Pin1 protein activity and cellular function. <i>Cancer Research</i> , 2013 , 73, 3951-62	10.1	60
52	The tumor suppressor DAPK is reciprocally regulated by tyrosine kinase Src and phosphatase LAR. <i>Molecular Cell</i> , 2007 , 27, 701-16	17.6	58

51	DAPK activates MARK1/2 to regulate microtubule assembly, neuronal differentiation, and tau toxicity. <i>Cell Death and Differentiation</i> , 2011 , 18, 1507-20	12.7	56
50	Tumor suppressor death-associated protein kinase is required for full IL-1 β production. <i>Blood</i> , 2011 , 117, 960-70	2.2	54
49	Identification of partners of TIF34, a component of the yeast eIF3 complex, required for cell proliferation and translation initiation. <i>EMBO Journal</i> , 1997 , 16, 6812-22	13	47
48	Cullin 3 Ubiquitin Ligases in Cancer Biology: Functions and Therapeutic Implications. <i>Frontiers in Oncology</i> , 2016 , 6, 113	5.3	46
47	The tumor suppressor death-associated protein kinase targets to TCR-stimulated NF-kappa B activation. <i>Journal of Immunology</i> , 2008 , 180, 3238-49	5.3	44
46	Fibroblast activation protein (FAP) is essential for the migration of bone marrow mesenchymal stem cells through RhoA activation. <i>PLoS ONE</i> , 2014 , 9, e88772	3.7	39
45	PDZ-RhoGEF ubiquitination by Cullin3-KLHL20 controls neurotrophin-induced neurite outgrowth. <i>Journal of Cell Biology</i> , 2011 , 193, 985-94	7.3	39
44	Small GTPase Rab37 targets tissue inhibitor of metalloproteinase 1 for exocytosis and thus suppresses tumour metastasis. <i>Nature Communications</i> , 2014 , 5, 4804	17.4	37
43	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
42	Neural activity and CaMKII protect mitochondria from fragmentation in aging <i>Caenorhabditis elegans</i> neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8768-73	11.5	32
41	miR-103/107 prolong Wnt/ β -catenin signaling and colorectal cancer stemness by targeting Axin2. <i>Scientific Reports</i> , 2019 , 9, 9687	4.9	32
40	The functions and regulations of DAPK in cancer metastasis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 364-70	5.4	31
39	Pentoxifylline inhibits platelet-derived growth factor-stimulated cyclin D1 expression in mesangial cells by blocking Akt membrane translocation. <i>Molecular Pharmacology</i> , 2003 , 64, 811-22	4.3	31
38	Regulation of inflammation by DAPK. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 357-63	5.4	30
37	Extracellular domain of EpCAM enhances tumor progression through EGFR signaling in colon cancer cells. <i>Cancer Letters</i> , 2018 , 433, 165-175	9.9	29
36	Long non-coding RNA HOXB-AS3 promotes myeloid cell proliferation and its higher expression is an adverse prognostic marker in patients with acute myeloid leukemia and myelodysplastic syndrome. <i>BMC Cancer</i> , 2019 , 19, 617	4.8	27
35	Activity-dependent retrograde laminin A signaling regulates synapse growth at <i>Drosophila</i> neuromuscular junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 17699-704	11.5	27
34	Fak56 functions downstream of integrin α PS3 β tanu and suppresses MAPK activation in neuromuscular junction growth. <i>Neural Development</i> , 2008 , 3, 26	3.9	27

33	Suppression of autophagy during mitosis via CUL4-RING ubiquitin ligases-mediated WIPI2 polyubiquitination and proteasomal degradation. <i>Autophagy</i> , 2019 , 15, 1917-1934	10.2	25
32	Ubiquitination of tumor suppressor PML regulates prometastatic and immunosuppressive tumor microenvironment. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2982-2997	15.9	25
31	eIF3k regulates apoptosis in epithelial cells by releasing caspase 3 from keratin-containing inclusions. <i>Journal of Cell Science</i> , 2008 , 121, 2382-93	5.3	25
30	Role of breast tumour kinase in the in vitro differentiation of HaCaT cells. <i>British Journal of Dermatology</i> , 2005 , 153, 282-9	4	25
29	The role of PML ubiquitination in human malignancies. <i>Journal of Biomedical Science</i> , 2012 , 19, 81	13.3	24
28	SCP phosphatases suppress renal cell carcinoma by stabilizing PML and inhibiting mTOR/HIF signaling. <i>Cancer Research</i> , 2014 , 74, 6935-46	10.1	21
27	Neurofibromin mediates FAK signaling in confining synapse growth at Drosophila neuromuscular junctions. <i>Journal of Neuroscience</i> , 2012 , 32, 16971-81	6.6	20
26	The effect of resveratrol on protecting corneal epithelial cells from cytotoxicity caused by moxifloxacin and benzalkonium chloride. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 1575-84		19
25	KLHL39 suppresses colon cancer metastasis by blocking KLHL20-mediated PML and DAPK ubiquitination. <i>Oncogene</i> , 2015 , 34, 5141-51	9.2	18
24	Tumour suppressor death-associated protein kinase targets cytoplasmic HIF-1 α for Th17 suppression. <i>Nature Communications</i> , 2016 , 7, 11904	17.4	15
23	The tumor suppressor DAP-kinase links cell adhesion and cytoskeleton reorganization to cell death regulation. <i>Journal of Biomedical Science</i> , 2006 , 13, 193-9	13.3	15
22	Integrative analyses of noncoding RNAs reveal the potential mechanisms augmenting tumor malignancy in lung adenocarcinoma. <i>Nucleic Acids Research</i> , 2020 , 48, 1175-1191	20.1	15
21	Lack of correlation between degree of interference with transcription and rate of strand specific repair in the HPRT gene of diploid human fibroblasts. <i>Journal of Biological Chemistry</i> , 1995 , 270, 27222-7	5.4	14
20	Antibiotics induce apoptosis of human peritoneal mesothelial cells. <i>Nephrology</i> , 2003 , 8, 142-9	2.2	13
19	PSPC1-interchanged interactions with PTK6 and β catenin synergize oncogenic subcellular translocations and tumor progression. <i>Nature Communications</i> , 2019 , 10, 5716	17.4	12
18	Cul3-KLHL20 ubiquitin ligase: physiological functions, stress responses, and disease implications. <i>Cell Division</i> , 2016 , 11, 5	2.8	11
17	Tumor suppressor death-associated protein kinase 1 inhibits necroptosis by p38 MAPK activation. <i>Cell Death and Disease</i> , 2020 , 11, 305	9.8	10
16	Relationship between adduct formation, rates of excision repair and the cytotoxic and mutagenic effects of structurally-related polycyclic aromatic carcinogens. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997 , 376, 143-52	3.3	10

15	Cullin 3 and Its Role in Tumorigenesis. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1217, 187-2106	10.6	9
14	VPS34 K29/K48 branched ubiquitination governed by UBE3C and TRABID regulates autophagy, proteostasis and liver metabolism. <i>Nature Communications</i> , 2021 , 12, 1322	17.4	9
13	BIK ubiquitination by the E3 ligase Cul5-ASB11 determines cell fate during cellular stress. <i>Journal of Cell Biology</i> , 2019 , 218, 3002-3018	7.3	8
12	<i>C. elegans</i> EIF-3.K promotes programmed cell death through CED-3 caspase. <i>PLoS ONE</i> , 2012 , 7, e36584	3.7	7
11	Transcription of Epstein-Barr virus-encoded nuclear antigen 1 promoter Qp is repressed by transforming growth factor-beta via Smad4 binding element in human BL cells. <i>Virology</i> , 2000 , 277, 184-92	3.6	7
10	KLHL20 links the ubiquitin-proteasome system to autophagy termination. <i>Autophagy</i> , 2016 , 12, 890-1	10.2	6
9	Branched Ubiquitination: Detection Methods, Biological Functions and Chemical Synthesis. <i>Molecules</i> , 2020 , 25,	4.8	6
8	Usp11 controls cortical neurogenesis and neuronal migration through Sox11 stabilization. <i>Science Advances</i> , 2021 , 7,	14.3	6
7	Latent membrane protein 1 of Epstein-Barr virus regulates death-associated protein kinase 1 in lymphoblastoid cell line. <i>Virology</i> , 2011 , 413, 19-25	3.6	4
6	Use of PCR amplification of cDNA to study mechanisms of human cell mutagenesis and malignant transformation. <i>Environmental and Molecular Mutagenesis</i> , 1991 , 18, 239-44	3.2	2
5	PML degradation fosters an immunosuppressive and pro-metastatic tumor microenvironment. <i>Molecular and Cellular Oncology</i> , 2017 , 4, e1364212	1.2	1
4	Autophagy and cancer metabolism-The two-way interplay. <i>IUBMB Life</i> , 2021 ,	4.7	1
3	WD40 protein Wuho controls germline homeostasis via TRIM-NHL tumor suppressor Mei-p26 in. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	1
2	Long noncoding RNA BCRP3 stimulates VPS34 and autophagy activities to promote protein homeostasis and cell survival.. <i>Journal of Biomedical Science</i> , 2022 , 29, 30	13.3	0
1	Regulation of autophagy by VPS34 branched ubiquitination controls proteostasis and liver metabolism. <i>Molecular and Cellular Oncology</i> , 2021 , 8, 1915076	1.2	