

# Terence Kin-Wah Lee

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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.

105  
papers

7,763  
citations

49  
h-index

87  
g-index

112  
ext. papers

8,908  
ext. citations

8  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
105	Histone chaperone FACT complex coordinates with HIF to mediate an expeditious transcription program to adapt to poorly oxygenated cancers.. <i>Cell Reports</i> , <b>2022</b> , 38, 110304	10.6	1
104	Preclinical mouse models of hepatocellular carcinoma: An overview and update.. <i>Experimental Cell Research</i> , <b>2022</b> , 113042	4.2	1
103	Network-Pharmacology-Based Study on Active Phytochemicals and Molecular Mechanism of <i>Cnidium monnieri</i> in Treating Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5400	6.3	0
102	Patient plgR-enriched extracellular vesicles drive cancer stemness, tumorigenesis and metastasis in hepatocellular carcinoma.. <i>Journal of Hepatology</i> , <b>2021</b> ,	13.4	7
101	EPHB2 Activates $\beta$ Catenin to Enhance Cancer Stem Cell Properties and Drive Sorafenib Resistance in Hepatocellular Carcinoma. <i>Cancer Research</i> , <b>2021</b> , 81, 3229-3240	10.1	11
100	Hampering Stromal Cells in the Tumor Microenvironment as a Therapeutic Strategy to Destem Cancer Stem Cells. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
99	Glucose deprivation-induced aberrant FUT1-mediated fucosylation drives cancer stemness in hepatocellular carcinoma. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	8
98	Cancer Stem Cells: Emerging Key Players in Immune Evasion of Cancers. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 692940	5.7	10
97	Clinicopathologic features, tumor immune microenvironment and genomic landscape of Epstein-Barr virus-associated intrahepatic cholangiocarcinoma. <i>Journal of Hepatology</i> , <b>2021</b> , 74, 838-849	13.4	10
96	PRMT6 deficiency induces autophagy in hostile microenvironments of hepatocellular carcinoma tumors by regulating BAG5-associated HSC70 stability. <i>Cancer Letters</i> , <b>2021</b> , 501, 247-262	9.9	4
95	RSK2-inactivating mutations potentiate MAPK signaling and support cholesterol metabolism in hepatocellular carcinoma. <i>Journal of Hepatology</i> , <b>2021</b> , 74, 360-371	13.4	11
94	The interplay of UBE2T and Mule in regulating Wnt/ $\beta$ catenin activation to promote hepatocellular carcinoma progression. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 148	9.8	9
93	Loss of tyrosine catabolic enzyme HPD promotes glutamine anaplerosis through mTOR signaling in liver cancer. <i>Cell Reports</i> , <b>2021</b> , 36, 109617	10.6	2
92	FSTL1 Secreted by Activated Fibroblasts Promotes Hepatocellular Carcinoma Metastasis and Stemness. <i>Cancer Research</i> , <b>2021</b> , 81, 5692-5705	10.1	4
91	Cancer stem cells in hepatocellular carcinoma - from origin to clinical implications. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2021</b> ,	24.2	13
90	Chemotherapy-Enriched THBS2-Deficient Cancer Stem Cells Drive Hepatocarcinogenesis through Matrix Softness Induced Histone H3 Modifications. <i>Advanced Science</i> , <b>2021</b> , 8, 2002483	13.6	9
89	The Pivotal Role of the Dysregulation of Cholesterol Homeostasis in Cancer: Implications for Therapeutic Targets. <i>Cancers</i> , <b>2020</b> , 12,	6.6	16

88	Anti-tumour effects of PIM kinase inhibition on progression and chemoresistance of hepatocellular carcinoma. <i>Journal of Pathology</i> , <b>2020</b> , 252, 65-76	9.4	2
87	MAP9/ERCC3 signaling cascade: A new insight on understanding the chromosomal instability in hepatocellular carcinoma. <i>EBioMedicine</i> , <b>2020</b> , 54, 102709	8.8	1
86	NRF2/SHH signaling cascade promotes tumor-initiating cell lineage and drug resistance in hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2020</b> , 476, 48-56	9.9	20
85	Deficiency in Embryonic Stem Cell Marker Reduced Expression 1 Activates Mitogen-Activated Protein Kinase Kinase 6-Dependent p38 Mitogen-Activated Protein Kinase Signaling to Drive Hepatocarcinogenesis. <i>Hepatology</i> , <b>2020</b> , 72, 183-197	11.2	11
84	Nidogen 1-Enriched Extracellular Vesicles Facilitate Extrahepatic Metastasis of Liver Cancer by Activating Pulmonary Fibroblasts to Secrete Tumor Necrosis Factor Receptor 1. <i>Advanced Science</i> , <b>2020</b> , 7, 2002157	13.6	18
83	CRAF Methylation by PRMT6 Regulates Aerobic Glycolysis-Driven Hepatocarcinogenesis via ERK-Dependent PKM2 Nuclear Relocalization and Activation. <i>Hepatology</i> , <b>2020</b> , 71, 1279-1296	11.2	38
82	Overriding Adaptive Resistance to Sorafenib Through Combination Therapy With Src Homology 2 Domain-Containing Phosphatase 2 Blockade in Hepatocellular Carcinoma. <i>Hepatology</i> , <b>2020</b> , 72, 155-168	11.2	31
81	Single-cell transcriptomics reveals the landscape of intra-tumoral heterogeneity and stemness-related subpopulations in liver cancer. <i>Cancer Letters</i> , <b>2019</b> , 459, 176-185	9.9	55
80	Emerging role of fatty acid binding proteins in cancer pathogenesis. <i>Histology and Histopathology</i> , <b>2019</b> , 34, 1-12	1.4	2
79	IRAK1 Augments Cancer Stemness and Drug Resistance via the AP-1/AKR1B10 Signaling Cascade in Hepatocellular Carcinoma. <i>Cancer Research</i> , <b>2018</b> , 78, 2332-2342	10.1	43
78	Cripto-1 contributes to stemness in hepatocellular carcinoma by stabilizing Dishevelled-3 and activating Wnt/ $\beta$ -catenin pathway. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 1426-1441	12.7	30
77	Efficacy of annexin A3 blockade in sensitizing hepatocellular carcinoma to sorafenib and regorafenib. <i>Journal of Hepatology</i> , <b>2018</b> , 69, 826-839	13.4	64
76	PRMT6 Regulates RAS/RAF Binding and MEK/ERK-Mediated Cancer Stemness Activities in Hepatocellular Carcinoma through CRAF Methylation. <i>Cell Reports</i> , <b>2018</b> , 25, 690-701.e8	10.6	53
75	SENP1 promotes hypoxia-induced cancer stemness by HIF-1 $\alpha$ SUMOylation and SENP1/HIF-1 $\alpha$ positive feedback loop. <i>Gut</i> , <b>2017</b> , 66, 2149-2159	19.2	84
74	Notch Inhibitor PF-03084014 Inhibits Hepatocellular Carcinoma Growth and Metastasis via Suppression of Cancer Stemness due to Reduced Activation of Notch1-Stat3. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 1531-1543	6.1	47
73	The CCCTC-binding factor (CTCF)-forkhead box protein M1 axis regulates tumour growth and metastasis in hepatocellular carcinoma. <i>Journal of Pathology</i> , <b>2017</b> , 243, 418-430	9.4	20
72	FSTL1 Promotes Metastasis and Chemoresistance in Esophageal Squamous Cell Carcinoma through NF $\kappa$ B-BMP Signaling Cross-talk. <i>Cancer Research</i> , <b>2017</b> , 77, 5886-5899	10.1	35
71	Chronic inflammation-elicited liver progenitor cell conversion to liver cancer stem cell with clinical significance. <i>Hepatology</i> , <b>2017</b> , 66, 1934-1951	11.2	62

70	Stearoyl-CoA desaturase regulates sorafenib resistance via modulation of ER stress-induced differentiation. <i>Journal of Hepatology</i> , <b>2017</b> , 67, 979-990	13.4	74
69	TP53INP1 Downregulation Activates a p73-Dependent DUSP10/ERK Signaling Pathway to Promote Metastasis of Hepatocellular Carcinoma. <i>Cancer Research</i> , <b>2017</b> , 77, 4602-4612	10.1	27
68	Shp2 promotes liver cancer stem cell expansion by augmenting $\beta$ -catenin signaling and predicts chemotherapeutic response of patients. <i>Hepatology</i> , <b>2017</b> , 65, 1566-1580	11.2	93
67	Cancer Stem Cells and Their Microenvironment: Biology and Therapeutic Implications. <i>Stem Cells International</i> , <b>2017</b> , 2017, 3714190	5	87
66	C-terminal truncated hepatitis B virus X protein regulates tumorigenicity, self-renewal and drug resistance via STAT3/Nanog signaling pathway. <i>Oncotarget</i> , <b>2017</b> , 8, 23507-23516	3.3	28
65	Dishevelled-3 phosphorylation is governed by HIPK2/PP1C/ITCH axis and the non-phosphorylated form promotes cancer stemness via LGR5 in hepatocellular carcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 39430-39442 <sup>2-3</sup>	2.3	4
64	Octamer 4/microRNA-1246 signaling axis drives Wnt/ $\beta$ -catenin activation in liver cancer stem cells. <i>Hepatology</i> , <b>2016</b> , 64, 2062-2076	11.2	122
63	Anti-CD47 antibody suppresses tumour growth and augments the effect of chemotherapy treatment in hepatocellular carcinoma. <i>Liver International</i> , <b>2016</b> , 36, 737-45	7.9	43
62	Tie-2 regulates the stemness and metastatic properties of prostate cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 2572-84	3.3	15
61	Adipocytes promote prostate cancer stem cell self-renewal through amplification of the cholecystokinin autocrine loop. <i>Oncotarget</i> , <b>2016</b> , 7, 4939-48	3.3	18
60	RhoE/ROCK2 regulates chemoresistance through NF- $\kappa$ B/IL-6/ STAT3 signaling in hepatocellular carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 41445-41459	3.3	22
59	Sox9 confers stemness properties in hepatocellular carcinoma through Frizzled-7 mediated Wnt/ $\beta$ -catenin signaling. <i>Oncotarget</i> , <b>2016</b> , 7, 29371-86	3.3	58
58	Cancer-Associated Fibroblasts Regulate Tumor-Initiating Cell Plasticity in Hepatocellular Carcinoma through c-Met/FRA1/HEY1 Signaling. <i>Cell Reports</i> , <b>2016</b> , 15, 1175-89	10.6	183
57	ANXA3/JNK Signaling Promotes Self-Renewal and Tumor Growth, and Its Blockade Provides a Therapeutic Target for Hepatocellular Carcinoma. <i>Stem Cell Reports</i> , <b>2015</b> , 5, 45-59	8	58
56	Nuclear factor kappa B-mediated CD47 up-regulation promotes sorafenib resistance and its blockade synergizes the effect of sorafenib in hepatocellular carcinoma in mice. <i>Hepatology</i> , <b>2015</b> , 62, 534-45	11.2	103
55	Phosphorylation of nucleophosmin at threonine 234/237 is associated with HCC metastasis. <i>Oncotarget</i> , <b>2015</b> , 6, 43483-95	3.3	9
54	Blockade of CD47-mediated cathepsin S/protease-activated receptor 2 signaling provides a therapeutic target for hepatocellular carcinoma. <i>Hepatology</i> , <b>2014</b> , 60, 179-91	11.2	126
53	Polysaccharopeptide enhanced the anti-cancer effect of gamma-tocotrienol through activation of AMPK. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 303	4.7	11

52	Regulatory role of miR-142-3p on the functional hepatic cancer stem cell marker CD133. <i>Oncotarget</i> , <b>2014</b> , 5, 5725-35	3.3	61
51	Liver tumor-initiating cells as a therapeutic target for hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2013</b> , 338, 101-9	9.9	48
50	CD133(+) liver tumor-initiating cells promote tumor angiogenesis, growth, and self-renewal through neurotensin/interleukin-8/CXCL1 signaling. <i>Hepatology</i> , <b>2012</b> , 55, 807-20	11.2	171
49	Caveolin-1 overexpression is associated with hepatocellular carcinoma tumorigenesis and metastasis. <i>Journal of Pathology</i> , <b>2012</b> , 226, 645-53	9.4	61
48	CD24(+) liver tumor-initiating cells drive self-renewal and tumor initiation through STAT3-mediated NANOG regulation. <i>Cell Stem Cell</i> , <b>2011</b> , 9, 50-63	18	463
47	Lupeol targets liver tumor-initiating cells through phosphatase and tensin homolog modulation. <i>Hepatology</i> , <b>2011</b> , 53, 160-70	11.2	80
46	Gamma-tocotrienol as an effective agent in targeting prostate cancer stem cell-like population. <i>International Journal of Cancer</i> , <b>2011</b> , 128, 2182-91	7.5	69
45	MicroRNA-616 induces androgen-independent growth of prostate cancer cells by suppressing expression of tissue factor pathway inhibitor TFPI-2. <i>Cancer Research</i> , <b>2011</b> , 71, 583-92	10.1	71
44	An N-terminal truncated carboxypeptidase E splice isoform induces tumor growth and is a biomarker for predicting future metastasis in human cancers. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 880-92	15.9	52
43	Chemopreventive effect of PSP through targeting of prostate cancer stem cell-like population. <i>PLoS ONE</i> , <b>2011</b> , 6, e19804	3.7	33
42	miR-130b Promotes CD133(+) liver tumor-initiating cell growth and self-renewal via tumor protein 53-induced nuclear protein 1. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 694-707	18	331
41	Suppression of tumorigenesis and metastasis of hepatocellular carcinoma by shRNA interference targeting on homeoprotein Six1. <i>International Journal of Cancer</i> , <b>2010</b> , 127, 859-72	7.5	34
40	Targeting cadherin-17 inactivates Wnt signaling and inhibits tumor growth in liver carcinoma. <i>Hepatology</i> , <b>2009</b> , 50, 1453-63	11.2	90
39	Liver cancer stem cells: implications for a new therapeutic target. <i>Liver International</i> , <b>2009</b> , 29, 955-65	7.9	64
38	CD133+ HCC cancer stem cells confer chemoresistance by preferential expression of the Akt/PKB survival pathway. <i>Oncogene</i> , <b>2008</b> , 27, 1749-58	9.2	635
37	Id-1 induces proteasome-dependent degradation of the HBX protein. <i>Journal of Molecular Biology</i> , <b>2008</b> , 382, 34-43	6.5	24
36	Aldehyde dehydrogenase discriminates the CD133 liver cancer stem cell populations. <i>Molecular Cancer Research</i> , <b>2008</b> , 6, 1146-53	6.6	383
35	Identification and characterization of tumorigenic liver cancer stem/progenitor cells. <i>Gastroenterology</i> , <b>2007</b> , 132, 2542-56	13.3	991

34	Ischemia-reperfusion of small liver remnant promotes liver tumor growth and metastases--activation of cell invasion and migration pathways. <i>Liver Transplantation</i> , <b>2007</b> , 13, 1669-77	4.5	95
33	The significance of proline-rich tyrosine kinase2 (Pyk2) on hepatocellular carcinoma progression and recurrence. <i>British Journal of Cancer</i> , <b>2007</b> , 97, 50-7	8.7	52
32	Identification of a novel inhibitor of differentiation-1 (ID-1) binding partner, caveolin-1, and its role in epithelial-mesenchymal transition and resistance to apoptosis in prostate cancer cells. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 33284-33294	5.4	66
31	Lupeol suppresses cisplatin-induced nuclear factor-kappaB activation in head and neck squamous cell carcinoma and inhibits local invasion and nodal metastasis in an orthotopic nude mouse model. <i>Cancer Research</i> , <b>2007</b> , 67, 8800-9	10.1	97
30	Fascin over-expression is associated with aggressiveness of oral squamous cell carcinoma. <i>Cancer Letters</i> , <b>2007</b> , 254, 308-15	9.9	43
29	Clinicopathological significance of missing in metastasis B expression in hepatocellular carcinoma. <i>Human Pathology</i> , <b>2007</b> , 38, 1201-6	3.7	39
28	Fat-derived hormone adiponectin combined with FTY720 significantly improves small-for-size fatty liver graft survival. <i>American Journal of Transplantation</i> , <b>2006</b> , 6, 467-76	8.7	24
27	Rapamycin attenuates liver graft injury in cirrhotic recipient--the significance of down-regulation of Rho-ROCK-VEGF pathway. <i>American Journal of Transplantation</i> , <b>2006</b> , 6, 697-704	8.7	14
26	Attenuation of acute phase shear stress by somatostatin improves small-for-size liver graft survival. <i>Liver Transplantation</i> , <b>2006</b> , 12, 621-7	4.5	73
25	Rac activation is associated with hepatocellular carcinoma metastasis by up-regulation of vascular endothelial growth factor expression. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 5082-9	12.9	39
24	Regulation of angiogenesis by Id-1 through hypoxia-inducible factor-1alpha-mediated vascular endothelial growth factor up-regulation in hepatocellular carcinoma. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 6910-9	12.9	56
23	Signal transducers and activators of transcription 5b activation enhances hepatocellular carcinoma aggressiveness through induction of epithelial-mesenchymal transition. <i>Cancer Research</i> , <b>2006</b> , 66, 9948-56	10.1	91
22	Twist overexpression correlates with hepatocellular carcinoma metastasis through induction of epithelial-mesenchymal transition. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 5369-76	12.9	333
21	FTY720, a fungus metabolite, inhibits invasion ability of androgen-independent prostate cancer cells through inactivation of RhoA-GTPase. <i>Cancer Letters</i> , <b>2006</b> , 233, 36-47	9.9	50
20	Clinicopathological significance of homeoprotein Six1 in hepatocellular carcinoma. <i>British Journal of Cancer</i> , <b>2006</b> , 95, 1050-5	8.7	71
19	FTY720 attenuates hepatic ischemia-reperfusion injury in normal and cirrhotic livers. <i>American Journal of Transplantation</i> , <b>2005</b> , 5, 40-9	8.7	68
18	Effects of a novel immunomodulating agent, FTY720, on tumor growth and angiogenesis in hepatocellular carcinoma. <i>Molecular Cancer Therapeutics</i> , <b>2005</b> , 4, 1430-8	6.1	75
17	Significance of the Rac signaling pathway in HCC cell motility: implications for a new therapeutic target. <i>Carcinogenesis</i> , <b>2005</b> , 26, 681-7	4.6	40

16	FTY720: a promising agent for treatment of metastatic hepatocellular carcinoma. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 8458-66	12.9	84
15	FTY720 induces apoptosis of human hepatoma cell lines through PI3-K-mediated Akt dephosphorylation. <i>Carcinogenesis</i> , <b>2004</b> , 25, 2397-405	4.6	73
14	PIN1 overexpression and beta-catenin gene mutations are distinct oncogenic events in human hepatocellular carcinoma. <i>Oncogene</i> , <b>2004</b> , 23, 4182-6	9.2	94
13	Attenuation of small-for-size liver graft injury by FTY720: significance of cell-survival Akt signaling pathway. <i>American Journal of Transplantation</i> , <b>2004</b> , 4, 1399-407	8.7	36
12	Insulin in UW solution exacerbates hepatic ischemia / reperfusion injury by energy depletion through the IRS-2 / SREBP-1c pathway. <i>Liver Transplantation</i> , <b>2004</b> , 10, 1173-82	4.5	14
11	FK 409 ameliorates small-for-size liver graft injury by attenuation of portal hypertension and down-regulation of Egr-1 pathway. <i>Annals of Surgery</i> , <b>2004</b> , 240, 159-68	7.8	56
10	Disruption of p53-p21/WAF1 cell cycle pathway contributes to progression and worse clinical outcome of hepatocellular carcinoma. <i>Oncology Reports</i> , <b>2004</b> , 12, 25-31	3.5	12
9	Over-expression of Id-1 induces cell proliferation in hepatocellular carcinoma through inactivation of p16INK4a/RB pathway. <i>Carcinogenesis</i> , <b>2003</b> , 24, 1729-36	4.6	41
8	Graft injury in relation to graft size in right lobe live donor liver transplantation: a study of hepatic sinusoidal injury in correlation with portal hemodynamics and intra-graft gene expression. <i>Annals of Surgery</i> , <b>2003</b> , 237, 256-64	7.8	179
7	Distinct intra-graft response pattern in relation to graft size in liver transplantation. <i>Transplantation</i> , <b>2003</b> , 75, 673-8	1.8	61
6	Insulin in University of Wisconsin solution exacerbates the ischemic injury and decreases the graft survival rate in rat liver transplantation. <i>Transplantation</i> , <b>2003</b> , 76, 44-9	1.8	12
5	Intra-graft gene expression profiles by cDNA microarray in small-for-size liver grafts. <i>Liver Transplantation</i> , <b>2003</b> , 9, 425-32	4.5	53
4	Doxorubicin-induced apoptosis and chemosensitivity in hepatoma cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2002</b> , 49, 78-86	3.5	113
3	Activation of MAPK signaling pathway is essential for Id-1 induced serum independent prostate cancer cell growth. <i>Oncogene</i> , <b>2002</b> , 21, 8498-505	9.2	85
2	Gene expression profiling by cDNA array in human hepatoma cell line in response to cisplatin treatment. <i>Life Sciences</i> , <b>2002</b> , 70, 1677-90	6.8	16
1	Gene delivery using a receptor-mediated gene transfer system targeted to hepatocellular carcinoma cells. <i>International Journal of Cancer</i> , <b>2001</b> , 93, 393-400	7.5	27