Jeng-Fan Lo

List of Publications by Citations

64 papers	2,780 citations	28 h-index	52 g-index
89 ext. papers	3,106 ext. citations	7.3 avg, IF	4.46 L-index

#	Paper	IF	Citations
64	Positive correlations of Oct-4 and Nanog in oral cancer stem-like cells and high-grade oral squamous cell carcinoma. *Clinical Cancer Research*, **2008**, 14, 4085-95	12.9	525
63	Molecular basis for resistance to silver cations in Salmonella. *Nature Medicine*, **1999**, 5, 183-8	50.5	370
62	The epithelial-mesenchymal transition mediator S100A4 maintains cancer-initiating cells in head and neck cancers. *Cancer Research*, **2011**, 71, 1912-23	10.1	109
61	Identification of CD133-positive radioresistant cells in atypical teratoid/rhabdoid tumor. *PLoS ONE*, **2008**, 3, e2090	3.7	101
60	BMK1 mediates growth factor-induced cell proliferation through direct cellular activation of serum and glucocorticoid-inducible kinase. *Journal of Biological Chemistry*, **2001**, 276, 8631-4	5.4	97
59	Elevation of glutathione levels and glutathione S-transferase activity in arsenic-resistant Chinese hamster ovary cells. *In Vitro Cellular & Developmental Biology*, **1989**, 25, 442-8		93
58	CD133/Src axis mediates tumor initiating property and epithelial-mesenchymal transition of head and neck cancer. *PLoS ONE*, **2011**, 6, e28053	3.7	91
57	Elimination of head and neck cancer initiating cells through targeting glucose regulated protein78 signaling. *Molecular Cancer*, **2010**, 9, 283	42.1	91
56	Distinct subpopulations of head and neck cancer cells with different levels of intracellular reactive oxygen species exhibit diverse stemness, proliferation, and chemosensitivity. *Cancer Research*, **2014**, 74, 6291-305	10.1	81
55	Toll-like receptor 9 and 21 have different ligand recognition profiles and cooperatively mediate activity of CpG-oligodeoxynucleotides in zebrafish. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 20711-6	11.5	78
54	Akt mediates 17beta-estradiol and/or estrogen receptor-alpha inhibition of LPS-induced tumor necresis factor-alpha expression and myocardial cell apoptosis by suppressing the JNK1/2-NFkappaB pathway. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 3655-67	5.6	78
53	Resveratrol-induced apoptosis and increased radiosensitivity in CD133-positive cells derived from atypical teratoid/rhabdoid tumor. *International Journal of Radiation Oncology Biology Physics*, **2009**, 74, 219-28	4	67
52	Endothelin-1 promotes MMP-13 production and migration in human chondrosarcoma cells through FAK/PI3K/Akt/mTOR pathways. *Journal of Cellular Physiology*, **2012**, 227, 3016-26	7	60
51	ROS-independent ER stress-mediated NRF2 activation promotes warburg effect to maintain stemness-associated properties of cancer-initiating cells. *Cell Death and Disease*, **2018**, 9, 194	9.8	50
50	Tid1, the human homologue of a Drosophila tumor suppressor, reduces the malignant activity of ErbB-2 in carcinoma cells. *Cancer Research*, **2004**, 64, 7732-9	10.1	50
49	ADP-ribosylation factor 4 small GTPase mediates epidermal growth factor receptor-dependent phospholipase D2 activation. *Journal of Biological Chemistry*, **2003**, 278, 2661-8	5.4	49
48	Tid1, a cochaperone of the heat shock 70 protein and the mammalian counterpart of the Drosophila tumor suppressor l(2)tid, is critical for early embryonic development and cell survival. *Molecular and Cellular Biology*, **2004**, 24, 2226-36	4.8	45

47	DNA-based vaccines activate innate and adaptive antitumor immunity by engaging the NKG2D receptor. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 10846-51	11.5	40
46	Resistance to ag(i) cations in bacteria: environments, genes and proteins. *Metal-Based Drugs*, **1999**, 6, 315-20		40
45	Tid1 functions as a tumour suppressor in head and neck squamous cell carcinoma. *Journal of Pathology*, **2009**, 219, 347-55	9.4	39
44	Network biology of tumor stem-like cells identified a regulatory role of CBX5 in lung cancer. *Scientific Reports*, **2012**, 2, 584	4.9	39
43	2-Methoxyestradiol attenuates phosphatidylinositol 3-kinase/Akt pathway-mediated metastasis of gastric cancer. *International Journal of Cancer*, **2007**, 121, 2547-55	7.5	38
42	Histone acetylation is essential for ANG-II-induced IGF-IIR gene expression in H9c2 cardiomyoblast cells and pathologically hypertensive rat heart. *Journal of Cellular Physiology*, **2012**, 227, 259-68	7	37
41	Tid1, CHIP and ErbB2 interactions and their prognostic implications for breast cancer patients. *Journal of Pathology*, **2011**, 225, 424-37	9.4	37
40	Tid1 negatively regulates the migratory potential of cancer cells by inhibiting the production of interleukin-8. *Cancer Research*, **2005**, 65, 8784-91	10.1	37
39	Tid1-L inhibits EGFR signaling in lung adenocarcinoma by enhancing EGFR Ubiquitinylation and degradation. *Cancer Research*, **2013**, 73, 4009-19	10.1	32
38	Doxorubicin attenuates CHIP-guarded HSF1 nuclear translocation and protein stability to trigger IGF-IIR-dependent cardiomyocyte death. *Cell Death and Disease*, **2016**, 7, e2455	9.8	30
37	Downregulation of COMMD1 by miR-205 promotes a positive feedback loop for amplifying inflammatory- and stemness-associated properties of cancer cells. *Cell Death and Differentiation*, **2016**, 23, 841-52	12.7	28
36	New COVID-19 saliva-based test: How good is it compared with the current nasopharyngeal or throat swab test?. *Journal of the Chinese Medical Association*, **2020**, 83, 891-894	2.8	28
35	Ribose-5-phosphate isomerase A regulates hepatocarcinogenesis via PP2A and ERK signaling. *International Journal of Cancer*, **2015**, 137, 104-15	7.5	27
34	Distinct population of highly malignant cells in a head and neck squamous cell carcinoma cell line established by xenograft model. *Journal of Biomedical Science*, **2009**, 16, 100	13.3	26
33	Anthocyanin Attenuates Doxorubicin-Induced Cardiomyotoxicity via Estrogen Receptor-[illegible] and Stabilizes HSF1 to Inhibit the IGF-IIR Apoptotic Pathway. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	24
32	HSP40 co-chaperone protein Tid1 suppresses metastasis of head and neck cancer by inhibiting Galectin-7-TCF3-MMP9 axis signaling. *Theranostics*, **2018**, 8, 3841-3855	12.1	19
31	Activation of rabbit TLR9 by different CpG-ODN optimized for mouse and human TLR9. *Comparative Immunology, Microbiology and Infectious Diseases*, **2012**, 35, 443-51	2.6	19
30	Active Component of Antrodia cinnamomea Mycelia Targeting Head and Neck Cancer Initiating Cells through Exaggerated Autophagic Cell Death. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 946451	2.3	15

29	Enhanced filopodium formation and stem-like phenotypes in a novel metastatic head and neck cancer cell model. *Oncology Reports*, **2013**, 30, 2829-37	3.5	13
28	Enhanced cisplatin resistance in oral-cancer stem-like cells is correlated with upregulation of excision-repair cross-complementation group 1. *Journal of Dental Sciences*, **2012**, 7, 111-117	2.5	12
27	Nuclear factor kappaB (NF-kappaB) activation primes cells to a pro-inflammatory polarized response to a Toll-like receptor 7 (TLR7) agonist. *Biochemical Journal*, **2009**, 421, 301-10	3.8	12
26	Roles of mitochondria in liver cancer stem cells. *Differentiation*, **2019**, 107, 35-41	3.5	11
25	Mitochondrial co-chaperone protein Tid1 is required for energy homeostasis during skeletal myogenesis. *Stem Cell Research and Therapy*, **2016**, 7, 185	8.3	11
24	Determination of Pyruvate Metabolic Fates Modulates Head and Neck Tumorigenesis. *Neoplasia*, **2019**, 21, 641-652	6.4	10
23	Regulatory Role of Hexokinase 2 in Modulating Head and Neck Tumorigenesis. *Frontiers in Oncology*, **2020**, 10, 176	5.3	10
22	Asb6 upregulation by Areca nut extracts is associated with betel quid-induced oral carcinogenesis. *Oral Oncology*, **2009**, 45, 543-8	4.4	10
21	Tid1 is required for T cell transition from double-negative 3 to double-positive stages. *Journal of Immunology*, **2005**, 174, 6105-12	5.3	10
20	Targeting cancer initiating cells by promoting cell differentiation and restoring chemosensitivity via dual inactivation of STAT3 and src activity using an active component of antrodia cinnamomea mycelia. *Oncotarget*, **2016**, 7, 73016-73031	3.3	10
19	CHIP attenuates lipopolysaccharide-induced cardiac hypertrophy and apoptosis by promoting NFATc3 proteasomal degradation. *Journal of Cellular Physiology*, **2019**, 234, 20128-20138	7	9
18	Lyophilized particles and ethanolic extracts of Antrodia cinnamomea mycelia suppress the tumorigenicity of head and neck cancer cells in vivo. *BioMedicine (Taiwan*, **2014**, 4, 26	1.1	8
17	Tumorous imaginal disc 1 (TID1) inhibits isoproterenol-induced cardiac hypertrophy and apoptosis by regulating c-terminus of hsc70-interacting protein (CHIP) mediated degradation of GS. *International Journal of Medical Sciences*, **2018**, 15, 1537-1546	3.7	8
16	ASB6 Promotes the Stemness Properties and Sustains Metastatic Potential of Oral Squamous Cell Carcinoma Cells by Attenuating ER Stress. *International Journal of Biological Sciences*, **2019**, 15, 1080-1090	11.2	7
15	Attenuation of cancer-initiating cells stemness properties by abrogating S100A4 calcium binding ability in head and neck cancers. *Oncotarget*, **2016**, 7, 78946-78957	3.3	6
14	Adaptation to Endoplasmic Reticulum Stress Enhances Resistance of Oral Cancer Cells to Cisplatin by Up-Regulating Polymerase and Increasing DNA Repair Efficiency. *International Journal of Molecular Sciences*, **2020**, 22,	6.3	5
13	DNAJA3/Tid1 Is Required for Mitochondrial DNA Maintenance and Regulates Migration and Invasion of Human Gastric Cancer Cells. *Cancers*, **2020**, 12,	6.6	5
12	Tid1-S attenuates LPS-induced cardiac hypertrophy and apoptosis through ER-a mediated modulation of p-PI3K/p-Akt signaling cascade. *Journal of Cellular Biochemistry*, **2019**, 120, 16703-16710	4.7	4

List of Publications

11	Combinatorial Low Dose Arsenic Trioxide and Cisplatin Exacerbates Autophagy via AMPK/STAT3 Signaling on Targeting Head and Neck Cancer Initiating Cells. *Frontiers in Oncology*, **2020**, 10, 463	5.3	4
10	Spatiotemporal dynamics of the biological interface between cancer and the microenvironment: a fractal anomalous diffusion model with microenvironment plasticity. *Theoretical Biology and Medical Modelling*, **2012**, 9, 36	2.3	4
9	A combined DNA-affinic molecule and N-mustard alkylating agent has an anti-cancer effect and induces autophagy in oral cancer cells. *International Journal of Molecular Sciences*, **2012**, 13, 3277-90	6.3	3
8	Abstract 4380: CD133/prominin-1 modulates epithelial-mesenchymal transition, stemness and tumorigenicity of oral squamous cell carcinoma-derived cancer initiating **2011**,		3
7	Ganoderma microsporum immunomodulatory protein, GMI, promotes C2C12 myoblast differentiation in vitro via upregulation of Tid1 and STAT3 acetylation. *PLoS ONE*, **2020**, 15, e0244791	3.7	3
6	Loss of Tid1/DNAJA3 Co-Chaperone Promotes Progression and Recurrence of Hepatocellular Carcinoma after Surgical Resection: A Novel Model to Stratify Risk of Recurrence. *Cancers*, **2021**, 13,	6.6	3
5	C-terminus of Hsc70-interacting protein (CHIP) enhances stemness properties of human Wharton's jelly mesenchymal stem cell. *Biotechnic and Histochemistry*, **2018**, 93, 632-639	1.8	2
4	Carboxyl terminus of HSP70-interacting protein attenuates advanced glycation end products-induced cardiac injuries by promoting NFB proteasomal degradation.. *Journal of Cellular Physiology*, **2021**,	7	2
3	Investigating the cellular BMK1/ERK5 signaling pathway. *Methods in Molecular Biology*, **2004**, 250, 89-96	1.4	1
2	E3 ligase activity of Carboxyl terminus of Hsc70 interacting protein (CHIP) in Wharton's jelly derived mesenchymal stem cells improves their persistence under hyperglycemic stress and promotes the prophylactic effects against diabetic cardiac damages. *Bioengineering and Translational Medicine*, **2021**, 6, e10234	14.8	1
1	DNAJA3, a Co-chaperone in Development and Tumorigenesis. *Heat Shock Proteins*, **2020**, 1	0.2	0