

# Ta-Chiang Liu

## List of Publications by Year in descending order

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76  
papers

6,591  
citations

71102

41  
h-index

82547

72  
g-index

77  
all docs

77  
docs citations

77  
times ranked

9804  
citing authors

#	ARTICLE	IF	CITATIONS
1	Virus-Plus-Susceptibility Gene Interaction Determines Crohn's Disease Gene Atg16L1 Phenotypes in Intestine. <i>Cell</i> , 2010, 141, 1135-1145.	28.9	809
2	Use of a targeted oncolytic poxvirus, JX-594, in patients with refractory primary or metastatic liver cancer: a phase I trial. <i>Lancet Oncology</i> , The, 2008, 9, 533-542.	10.7	451
3	Clinical trial results with oncolytic virotherapy: a century of promise, a decade of progress. <i>Nature Clinical Practice Oncology</i> , 2007, 4, 101-117.	4.3	437
4	Human Glioblastoma-Derived Cancer Stem Cells: Establishment of Invasive Glioma Models and Treatment with Oncolytic Herpes Simplex Virus Vectors. <i>Cancer Research</i> , 2009, 69, 3472-3481.	0.9	303
5	Atg16L1 T300A variant decreases selective autophagy resulting in altered cytokine signaling and decreased antibacterial defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7741-7746.	7.1	298
6	Functional characterization of IgA-targeted bacterial taxa from undernourished Malawian children that produce diet-dependent enteropathy. <i>Science Translational Medicine</i> , 2015, 7, 276ra24.	12.4	280
7	IL-6 Stimulates Intestinal Epithelial Proliferation and Repair after Injury. <i>PLoS ONE</i> , 2014, 9, e114195.	2.5	201
8	Genetics and Pathogenesis of Inflammatory Bowel Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 127-148.	22.4	201
9	The Targeted Oncolytic Poxvirus JX-594 Demonstrates Antitumoral, Antivascular, and Anti-HBV Activities in Patients With Hepatocellular Carcinoma. <i>Molecular Therapy</i> , 2008, 16, 1637-1642.	8.2	175
10	Alternative Lengthening of Telomeres and Loss of DAXX/ATRX Expression Predicts Metastatic Disease and Poor Survival in Patients with Pancreatic Neuroendocrine Tumors. <i>Clinical Cancer Research</i> , 2017, 23, 600-609.	7.0	164
11	Genetic Variants Synthesize to Produce Paneth Cell Phenotypes That Define Subtypes of Crohn's Disease. <i>Gastroenterology</i> , 2014, 146, 200-209.	1.3	155
12	E3 gene manipulations affect oncolytic adenovirus activity in immunocompetent tumor models. <i>Nature Biotechnology</i> , 2003, 21, 1328-1335.	17.5	141
13	Long-Term Culture Captures Injury-Repair Cycles of Colonic Stem Cells. <i>Cell</i> , 2019, 179, 1144-1159.e15.	28.9	140
14	Sevelamer Crystals in the Gastrointestinal Tract (GIT). <i>American Journal of Surgical Pathology</i> , 2013, 37, 1686-1693.	3.7	132
15	A Mechanistic Proof-of-concept Clinical Trial With JX-594, a Targeted Multi-mechanistic Oncolytic Poxvirus, in Patients With Metastatic Melanoma. <i>Molecular Therapy</i> , 2011, 19, 1913-1922.	8.2	129
16	<i>DeBaryomyces</i> is enriched in Crohn's disease intestinal tissue and impairs healing in mice. <i>Science</i> , 2021, 371, 1154-1159.	12.6	126
17	Deep Learning Global Glomerulosclerosis in Transplant Kidney Frozen Sections. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2718-2728.	8.9	119
18	Systemic Efficacy with Oncolytic Virus Therapeutics: Clinical Proof-of-Concept and Future Directions: Table 1.. <i>Cancer Research</i> , 2007, 67, 429-432.	0.9	110

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19	Inflammatory Fibroid Polyps of the Gastrointestinal Tract. <i>American Journal of Surgical Pathology</i> , 2013, 37, 586-592.	3.7	106
20	Novel immunocompetent murine tumor models for the assessment of replication-competent oncolytic adenovirus efficacy. <i>Molecular Therapy</i> , 2003, 8, 412-424.	8.2	96
21	Survival signal REG3 $\beta$ prevents crypt apoptosis to control acute gastrointestinal graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 4970-4979.	8.2	94
22	Paneth cell defects in Crohn's disease patients promote dysbiosis. <i>JCI Insight</i> , 2016, 1, e86907.	5.0	91
23	Efficacy and Safety/Toxicity Study of Recombinant Vaccinia Virus JX-594 in Two Immunocompetent Animal Models of Glioma. <i>Molecular Therapy</i> , 2010, 18, 1927-1936.	8.2	83
24	Viral complementation of immunodeficiency confers protection against enteric pathogens via interferon- $\lambda$ . <i>Nature Microbiology</i> , 2019, 4, 1120-1128.	13.3	83
25	Oncolytic HSV Armed with Platelet Factor 4, an Antiangiogenic Agent, Shows Enhanced Efficacy. <i>Molecular Therapy</i> , 2006, 14, 789-797.	8.2	77
26	Abnormal Small Intestinal Epithelial Microvilli in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2018, 155, 815-828.	1.3	75
27	Trichostatin A and Oncolytic HSV Combination Therapy Shows Enhanced Antitumoral and Antiangiogenic Effects. <i>Molecular Therapy</i> , 2008, 16, 1041-1047.	8.2	74
28	Dominant-Negative Fibroblast Growth Factor Receptor Expression Enhances Antitumoral Potency of Oncolytic Herpes Simplex Virus in Neural Tumors. <i>Clinical Cancer Research</i> , 2006, 12, 6791-6799.	7.0	72
29	An E1B-19 kDa gene deletion mutant adenovirus demonstrates tumor necrosis factor-enhanced cancer selectivity and enhanced oncolytic potency. <i>Molecular Therapy</i> , 2004, 9, 786-803.	8.2	70
30	Ki-67 predicts disease recurrence and poor prognosis in pancreatic neuroendocrine neoplasms. <i>Surgery</i> , 2012, 152, 107-113.	1.9	70
31	Loss of Chromatin-Remodeling Proteins and/or CDKN2A Associates With Metastasis of Pancreatic Neuroendocrine Tumors and Reduced Patient Survival Times. <i>Gastroenterology</i> , 2018, 154, 2060-2063.e8.	1.3	69
32	Western diet induces Paneth cell defects through microbiome alterations and farnesoid X receptor and type I interferon activation. <i>Cell Host and Microbe</i> , 2021, 29, 988-1001.e6.	11.0	69
33	Comparison of WHO Classifications (2004, 2010), the Hochwald Grading System, and AJCC and ENETS Staging Systems in Predicting Prognosis in Locoregional Well-differentiated Pancreatic Neuroendocrine Tumors. <i>American Journal of Surgical Pathology</i> , 2013, 37, 853-859.	3.7	67
34	Hypoxia Enhances the Replication of Oncolytic Herpes Simplex Virus. <i>Molecular Therapy</i> , 2009, 17, 51-56.	8.2	64
35	Acinar Cell Cystadenoma of the Pancreas. <i>American Journal of Surgical Pathology</i> , 2013, 37, 1329-1335.	3.7	63
36	A Comparative Clinicopathologic Study of Collagenous Gastritis in Children and Adults. <i>American Journal of Surgical Pathology</i> , 2015, 39, 802-812.	3.7	62

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37	Non-functional pancreatic neuroendocrine tumours: ATRX/DAXX and alternative lengthening of telomeres (ALT) are prognostically independent from ARX/PDX1 expression and tumour size. <i>Gut</i> , 2022, 71, 961-973.	12.1	60
38	Interaction between smoking and ATG16L1T300A triggers Paneth cell defects in Crohn's disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 5110-5122.	8.2	53
39	Hepatic small vessel neoplasm, a rare infiltrative vascular neoplasm of uncertain malignant potential. <i>Human Pathology</i> , 2016, 54, 143-151.	2.0	46
40	LRRK2 but not ATG16L1 is associated with Paneth cell defect in Japanese Crohn's disease patients. <i>JCI Insight</i> , 2017, 2, e91917.	5.0	46
41	PAI-1 augments mucosal damage in colitis. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	44
42	Characterization of Inflammatory (Lymphoepithelioma-like) Hepatocellular Carcinoma: A Study of 8 Cases. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 1193-1202.	2.5	38
43	Collagenous Enteritis is Unlikely a Form of Aggressive Celiac Disease Despite Sharing HLA-DQ2/DQ8 Genotypes. <i>American Journal of Surgical Pathology</i> , 2018, 42, 545-552.	3.7	36
44	SALL4 Immunoreactivity Predicts Prognosis in Western Hepatocellular Carcinoma Patients but Is a Rare Event. <i>American Journal of Surgical Pathology</i> , 2014, 38, 966-972.	3.7	35
45	A novel histological index for evaluation of environmental enteric dysfunction identifies geographic-specific features of enteropathy among children with suboptimal growth. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007975.	3.0	34
46	Noncirrhotic hepatocellular carcinoma: derivation from hepatocellular adenoma? Clinicopathologic analysis. <i>Modern Pathology</i> , 2014, 27, 420-432.	5.5	33
47	High frequency of KRAS mutation in early onset colorectal adenocarcinoma: implications for pathogenesis. <i>Human Pathology</i> , 2016, 56, 163-170.	2.0	33
48	Herpes Simplex Virus Us3 (Δ) Mutant as Oncolytic Strategy and Synergizes with Phosphatidylinositol 3-Kinase-Akt Targeting Molecular Therapeutics. <i>Clinical Cancer Research</i> , 2007, 13, 5897-5902.	7.0	32
49	Deep learning quantification of percent steatosis in donor liver biopsy frozen sections. <i>EBioMedicine</i> , 2020, 60, 103029.	6.1	32
50	Development and Validation of a Deep Learning Model to Quantify Glomerulosclerosis in Kidney Biopsy Specimens. <i>JAMA Network Open</i> , 2021, 4, e2030939.	5.9	29
51	Targeted genetic and viral therapy for advanced head and neck cancers. <i>Drug Discovery Today</i> , 2009, 14, 570-578.	6.4	27
52	Translation of Targeted Oncolytic Virotherapeutics from the Lab into the Clinic, and Back Again: A High-Value Iterative Loop. <i>Molecular Therapy</i> , 2008, 16, 1006-1008.	8.2	26
53	Viruses with deletions in antiapoptotic genes as potential oncolytic agents. <i>Oncogene</i> , 2005, 24, 6069-6079.	5.9	25
54	Spatial and Temporal Stability of Paneth Cell Phenotypes in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 646-651.	1.9	23

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55	Study of Environmental Enteropathy and Malnutrition (SEEM) in Pakistan: protocols for biopsy based biomarker discovery and validation. <i>BMC Pediatrics</i> , 2019, 19, 247.	1.7	22
56	Chromosome 2p15p16.1 microdeletion syndrome: 2.5ÅMb deletion in a patient with renal anomalies, intractable seizures and a choledochal cyst. <i>European Journal of Medical Genetics</i> , 2012, 55, 485-489.	1.3	18
57	Oncolytic Adenoviruses for Cancer Gene Therapy. <i>Methods in Molecular Biology</i> , 2008, 433, 243-258.	0.9	18
58	Acute graft-versus-host disease is more prevalent and severe in the lower than the upper gastrointestinal tract. <i>Human Pathology</i> , 2015, 46, 1480-1487.	2.0	17
59	Oncolytic virotherapy for advanced liver tumours. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1238-1247.	3.6	15
60	Ileal Gene Expression Data from Crohn's Disease Small Bowel Resections Indicate Distinct Clinical Subgroups. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1055-1066.	1.3	14
61	Crohn's disease-associated ATG16L1 T300A genotype is associated with improved survival in gastric cancer. <i>EBioMedicine</i> , 2021, 67, 103347.	6.1	10
62	Development of targeted oncolytic virotherapeutics through translational research. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 1381-1391.	3.1	9
63	Erythema elevatum diutinum as a paraneoplastic syndrome in a patient with pulmonary lymphoepithelioma-like carcinoma. <i>Lung Cancer</i> , 2009, 63, 151-153.	2.0	9
64	Concurrent increase in mitosis and apoptosis: a histological pattern of hepatic arterial flow abnormalities in post-transplant liver biopsies. <i>Modern Pathology</i> , 2012, 25, 1594-1598.	5.5	9
65	Reverse translation approach generates a signature of penetrating fibrosis in Crohn's disease that is associated with anti-TNF response. <i>Gut</i> , 2022, 71, 1289-1301.	12.1	9
66	Autophagy proteins are required for club cell structure and function in airways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L259-L270.	2.9	6
67	Targeting the Untargetable: Oncolytic Virotherapy for the Cancer Stem Cell. <i>Molecular Therapy</i> , 2007, 15, 2060-2061.	8.2	5
68	The spectrum of gastric pathology in portal hypertension—An endoscopic and pathologic study of 550 cases. <i>Pathology Research and Practice</i> , 2016, 212, 704-709.	2.3	5
69	Rhamnose Is Superior to Mannitol as a Monosaccharide in the Dual Sugar Absorption Test: A Prospective Randomized Study in Children With Treatment-Na <sup>+</sup> ve Celiac Disease. <i>Frontiers in Pediatrics</i> , 2022, 10, 874116.	1.9	5
70	HOIL1 regulates group 2 innate lymphoid cell numbers and type 2 inflammation in the small intestine. <i>Mucosal Immunology</i> , 2022, 15, 642-655.	6.0	4
71	OUP accepted manuscript. <i>Clinical Infectious Diseases</i> , 2021, 73, S382-S389.	5.8	2
72	Resolution of Murine Toxic Hepatic Injury Quantified With Ultrasound Entropy Metrics. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2777-2786.	1.5	1

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73	Problems, Side Effects, and Disappointments in Clinical Cancer Gene Therapy. , 2007, , 351-385.		1
74	Title is missing!. , 2020, 14, e0007975.		0
75	Title is missing!. , 2020, 14, e0007975.		0
76	Title is missing!. , 2020, 14, e0007975.		0