

# Chao-Chi Ho

## List of Publications by Citations

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109  
papers

3,090  
citations

31  
h-index

53  
g-index

117  
ext. papers

3,696  
ext. citations

4.9  
avg, IF

4.88  
L-index

#	Paper	IF	Citations
109	Cancer-associated fibroblasts regulate the plasticity of lung cancer stemness via paracrine signalling. <i>Nature Communications</i> , <b>2014</b> , 5, 3472	17.4	246
108	Up-regulated caveolin-1 accentuates the metastasis capability of lung adenocarcinoma by inducing filopodia formation. <i>American Journal of Pathology</i> , <b>2002</b> , 161, 1647-56	5.8	200
107	Opposite Effects of M1 and M2 Macrophage Subtypes on Lung Cancer Progression. <i>Scientific Reports</i> , <b>2015</b> , 5, 14273	4.9	189
106	Curcumin inhibits lung cancer cell invasion and metastasis through the tumor suppressor HLJ1. <i>Cancer Research</i> , <b>2008</b> , 68, 7428-38	10.1	171
105	Acquired BRAF V600E Mutation as Resistant Mechanism after Treatment with Osimertinib. <i>Journal of Thoracic Oncology</i> , <b>2017</b> , 12, 567-572	8.9	139
104	Trifluoperazine, an antipsychotic agent, inhibits cancer stem cell growth and overcomes drug resistance of lung cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 1180-8	10.2	137
103	TREM-1 expression in tumor-associated macrophages and clinical outcome in lung cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 177, 763-70	10.2	102
102	Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors for Non-Small-Cell Lung Cancer Patients with Leptomeningeal Carcinomatosis. <i>Journal of Thoracic Oncology</i> , <b>2015</b> , 10, 1754-61	8.9	96
101	Caveolin-1 expression is significantly associated with drug resistance and poor prognosis in advanced non-small cell lung cancer patients treated with gemcitabine-based chemotherapy. <i>Lung Cancer</i> , <b>2008</b> , 59, 105-10	5.9	94
100	Outcomes in patients with non-small-cell lung cancer and acquired Thr790Met mutation treated with osimertinib: a genomic study. <i>Lancet Respiratory Medicine</i> , <b>2018</b> , 6, 107-116	35.1	86
99	Factors influencing visibility and diagnostic yield of transbronchial biopsy using endobronchial ultrasound in peripheral pulmonary lesions. <i>Respirology</i> , <b>2009</b> , 14, 859-64	3.6	80
98	Good response to gefitinib in lung adenocarcinoma harboring coexisting EML4-ALK fusion gene and EGFR mutation. <i>Journal of Thoracic Oncology</i> , <b>2010</b> , 5, 2039-40	8.9	64
97	Co-expression of VEGF-C and its receptors, VEGFR-2 and VEGFR-3, in endothelial cells of lymphangioma. Implication in autocrine or paracrine regulation of lymphangioma. <i>Laboratory Investigation</i> , <b>2001</b> , 81, 1729-34	5.9	63
96	Identification of five driver gene mutations in patients with treatment-naïve lung adenocarcinoma in Taiwan. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120852	3.7	58
95	miRNA-34b as a tumor suppressor in estrogen-dependent growth of breast cancer cells. <i>Breast Cancer Research</i> , <b>2011</b> , 13, R116	8.3	55
94	Advanced non-small cell lung cancer in patients aged 45 years or younger: outcomes and prognostic factors. <i>BMC Cancer</i> , <b>2012</b> , 12, 241	4.8	54
93	A rare constellation of empyema, lung abscess, and mediastinal abscess as a complication of endobronchial ultrasound-guided transbronchial needle aspiration. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 264-5	3	51

92	Coexistence of EGFR T790M mutation and common activating mutations in pretreatment non-small cell lung cancer: A systematic review and meta-analysis. <i>Lung Cancer</i> , <b>2016</b> , 94, 46-53	5.9	48
91	CNS infections caused by Mycobacterium abscessus complex: clinical features and antimicrobial susceptibilities of isolates. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2012</b> , 67, 222-5	5.1	48
90	Admissions to intensive care unit of HIV-infected patients in the era of highly active antiretroviral therapy: etiology and prognostic factors. <i>Critical Care</i> , <b>2011</b> , 15, R202	10.8	46
89	EGFR mutation, smoking, and gender in advanced lung adenocarcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 98384-98393	3.3	43
88	Bcl-2-like protein 11 deletion polymorphism predicts survival in advanced non-small-cell lung cancer. <i>Journal of Thoracic Oncology</i> , <b>2014</b> , 9, 1385-92	8.9	41
87	Safety of fluoroquinolone use in patients with hepatotoxicity induced by anti-tuberculosis regimens. <i>Clinical Infectious Diseases</i> , <b>2009</b> , 48, 1526-33	11.6	41
86	Severe lymphopenia is associated with elevated plasma interleukin-15 levels and increased mortality during severe sepsis. <i>Shock</i> , <b>2015</b> , 43, 569-75	3.4	40
85	Second-line treatments after first-line gefitinib therapy in advanced nonsmall cell lung cancer. <i>International Journal of Cancer</i> , <b>2010</b> , 126, 247-55	7.5	40
84	Hinokitiol induces DNA damage and autophagy followed by cell cycle arrest and senescence in gefitinib-resistant lung adenocarcinoma cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e104203	3.7	38
83	Tumor PD-L1 Expression and Clinical Outcomes in Advanced-stage Non-Small Cell Lung Cancer Patients Treated with Nivolumab or Pembrolizumab: Real-World Data in Taiwan. <i>Journal of Cancer</i> , <b>2018</b> , 9, 1813-1820	4.5	34
82	Multi-gene analyses from waste brushing specimens for patients with peripheral lung cancer receiving EBUS-assisted bronchoscopy. <i>Lung Cancer</i> , <b>2013</b> , 82, 420-5	5.9	32
81	Non-cytotoxic nanomaterials enhance antimicrobial activities of cefmetazole against multidrug-resistant Neisseria gonorrhoeae. <i>PLoS ONE</i> , <b>2013</b> , 8, e64794	3.7	32
80	Clinical outcomes and secondary epidermal growth factor receptor (EGFR) T790M mutation among first-line gefitinib, erlotinib and afatinib-treated non-small cell lung cancer patients with activating EGFR mutations. <i>International Journal of Cancer</i> , <b>2019</b> , 144, 2887-2896	7.5	32
79	Hedgehog pathway maintains cell survival under stress conditions, and drives drug resistance in lung adenocarcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 24179-93	3.3	31
78	Enhanced YAP expression leads to EGFR TKI resistance in lung adenocarcinomas. <i>Scientific Reports</i> , <b>2018</b> , 8, 271	4.9	29
77	Association between programmed death-ligand 1 expression, immune microenvironments, and clinical outcomes in epidermal growth factor receptor mutant lung adenocarcinoma patients treated with tyrosine kinase inhibitors. <i>European Journal of Cancer</i> , <b>2020</b> , 124, 110-122	7.5	28
76	Single-walled carbon nanotubes induce airway hyperreactivity and parenchymal injury in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2012</b> , 46, 257-67	5.7	26
75	Expression of Notch Gene and Its Impact on Survival of Patients with Resectable Non-small Cell Lung Cancer. <i>Journal of Cancer</i> , <b>2017</b> , 8, 1292-1300	4.5	25

74	Afatinib combined with cetuximab for lung adenocarcinoma with leptomeningeal carcinomatosis. <i>Lung Cancer</i> , <b>2014</b> , 85, 479-80	5.9	23
73	High serum levels of procalcitonin and soluble TREM-1 correlated with poor prognosis in pulmonary tuberculosis. <i>Journal of Infection</i> , <b>2014</b> , 68, 440-7	18.9	23
72	Risk factors of pneumothorax after endobronchial ultrasound-guided transbronchial biopsy for peripheral lung lesions. <i>PLoS ONE</i> , <b>2012</b> , 7, e49125	3.7	20
71	Real-World Data on Prognostic Factors for Overall Survival in EGFR Mutation-Positive Advanced Non-Small Cell Lung Cancer Patients Treated with First-Line Gefitinib. <i>Oncologist</i> , <b>2017</b> , 22, 1075-1083	5.7	19
70	Incidence of hepatitis B reactivation during epidermal growth factor receptor tyrosine kinase inhibitor treatment in non-small-cell lung cancer patients. <i>European Journal of Cancer</i> , <b>2019</b> , 117, 107-115	7.5	18
69	Endobronchial ultrasound-guided transbronchial biopsy of peripheral pulmonary lesions: how many specimens are necessary?. <i>Respiration</i> , <b>2012</b> , 84, 128-34	3.7	18
68	Epidermal growth factor receptor mutation predicts favorable outcomes in non-small cell lung cancer patients with brain metastases treated with stereotactic radiosurgery. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 126, 368-374	5.3	17
67	Neoadjuvant chemotherapy with docetaxel-cisplatin in patients with stage III N2 non-small-cell lung cancer. <i>Clinical Lung Cancer</i> , <b>2013</b> , 14, 418-24	4.9	17
66	Diagnostic value of procalcitonin in pleural effusions. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2011</b> , 30, 313-8	5.3	17
65	Adrenal insufficiency in prolonged critical illness. <i>Critical Care</i> , <b>2008</b> , 12, R65	10.8	17
64	Heparin co-factor II enhances cell motility and promotes metastasis in non-small cell lung cancer. <i>Journal of Pathology</i> , <b>2015</b> , 235, 50-64	9.4	16
63	Central venous oxygen saturation under non-protocolized resuscitation is not related to survival in severe sepsis or septic shock. <i>Shock</i> , <b>2012</b> , 38, 584-91	3.4	15
62	Gender-based impact of epidermal growth factor receptor mutation in patients with nonsmall cell lung cancer and previous tuberculosis. <i>Medicine (United States)</i> , <b>2015</b> , 94, e444	1.8	14
61	Best Response According to RECIST During First-line EGFR-TKI Treatment Predicts Survival in EGFR Mutation-positive Non-Small-cell Lung Cancer Patients. <i>Clinical Lung Cancer</i> , <b>2018</b> , 19, e361-e372	4.9	14
60	Prognostic factors of afatinib as a first-line therapy for advanced mutation-positive lung adenocarcinoma: a real-world, large cohort study. <i>Oncotarget</i> , <b>2018</b> , 9, 23749-23760	3.3	14
59	Human Breathomics Database. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2020</b> , 2020,	5	13
58	Outcomes of cancer therapy administered to treatment-naïve lung cancer patients in the intensive care unit. <i>Journal of Cancer</i> , <b>2017</b> , 8, 1995-2003	4.5	13
57	Etiology of pulmonary complications of human immunodeficiency virus-1-infected patients in Taiwan in the era of combination antiretroviral therapy: a prospective observational study. <i>Journal of Microbiology, Immunology and Infection</i> , <b>2013</b> , 46, 433-40	8.5	12

56	Association of Programmed Death-Ligand 1 Expression with Fusion Variants and Clinical Outcomes in Patients with Anaplastic Lymphoma Kinase-Positive Lung Adenocarcinoma Receiving Crizotinib. <i>Oncologist</i> , <b>2020</b> , 25, 702-711	5.7	11
55	Differentiating malignant and benign lymph nodes using endobronchial ultrasound elastography. <i>Journal of the Formosan Medical Association</i> , <b>2019</b> , 118, 436-443	3.2	11
54	The M1/M2 spectrum and plasticity of malignant pleural effusion-macrophage in advanced lung cancer. <i>Cancer Immunology, Immunotherapy</i> , <b>2021</b> , 70, 1435-1450	7.4	11
53	The value of radial endobronchial ultrasound-guided bronchial brushing in peripheral non-squamous non-small cell lung cancer. <i>Scientific Reports</i> , <b>2018</b> , 8, 5837	4.9	10
52	EGFR mutation and lobar location of lung adenocarcinoma. <i>Carcinogenesis</i> , <b>2016</b> , 37, 157-162	4.6	10
51	Focal amplification of HOXD-harboring chromosome region is implicated in multiple-walled carbon nanotubes-induced carcinogenicity. <i>Nano Letters</i> , <b>2013</b> , 13, 4632-41	11.5	10
50	Antimetabolite pemetrexed primes a favorable tumor microenvironment for immune checkpoint blockade therapy <b>2020</b> , 8,		10
49	Multiple Acquired Resistance Mutations of the ALK Tyrosine Kinase Domain after Sequential Use of ALK Inhibitors. <i>Journal of Thoracic Oncology</i> , <b>2017</b> , 12, e49-e51	8.9	9
48	Astrocyte-elevated gene-1 confers resistance to pemetrexed in non-small cell lung cancer by upregulating thymidylate synthase expression. <i>Oncotarget</i> , <b>2017</b> , 8, 61901-61916	3.3	9
47	YAP1 is essential for tumor growth and is a potential therapeutic target for EGFR-dependent lung adenocarcinomas. <i>Oncotarget</i> , <b>2017</b> , 8, 89539-89551	3.3	9
46	Implementation and Quality Control of Lung Cancer EGFR Genetic Testing by MALDI-TOF Mass Spectrometry in Taiwan Clinical Practice. <i>Scientific Reports</i> , <b>2016</b> , 6, 30944	4.9	9
45	Learning curve and advantages of endobronchial ultrasound-guided transbronchial needle aspiration as a first-line diagnostic and staging procedure. <i>Thoracic Cancer</i> , <b>2018</b> , 9, 75-82	3.2	8
44	Outcomes of research biopsies in clinical trials of EGFR mutation-positive non-small cell lung cancer patients pretreated with EGFR-tyrosine kinase inhibitors. <i>Journal of the Formosan Medical Association</i> , <b>2018</b> , 117, 326-331	3.2	7
43	Current advances of endobronchial ultrasonography in the diagnosis and staging of lung cancer. <i>Journal of Thoracic Disease</i> , <b>2016</b> , 8, S690-S696	2.6	7
42	EGFR-Mutant SCLC Exhibits Heterogeneous Phenotypes and Resistance to Common Antineoplastic Drugs. <i>Journal of Thoracic Oncology</i> , <b>2019</b> , 14, 513-526	8.9	7
41	Diagnosis of mediastinal tuberculous lymphadenitis using endobronchial ultrasound-guided transbronchial needle aspiration with rinse fluid polymerase chain reaction. <i>Journal of the Formosan Medical Association</i> , <b>2020</b> , 119, 509-515	3.2	7
40	The value of repeat radial-probe endobronchial ultrasound-guided transbronchial biopsy after initial non-diagnostic results in patients with peripheral pulmonary lesions. <i>BMC Pulmonary Medicine</i> , <b>2017</b> , 17, 132	3.5	6
39	Combined effect of ERCC1 and ERCC2 polymorphisms on overall survival in non-squamous non-small-cell lung cancer patients treated with first-line pemetrexed/platinum. <i>Lung Cancer</i> , <b>2018</b> , 118, 90-96	5.9	6

38	Experience improves the performance of endobronchial ultrasound-guided transbronchial biopsy for peripheral pulmonary lesions: A learning curve at a medical centre. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179719	3.7	6
37	Higher frequency but random distribution of EGFR mutation subtypes in familial lung cancer patients. <i>Oncotarget</i> , <b>2016</b> , 7, 53299-53308	3.3	6
36	Prospective Evaluation of Procalcitonin, Soluble Triggering Receptor Expressed on Myeloid Cells-1 and C-Reactive Protein in Febrile Patients with Autoimmune Diseases. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153938	3.7	6
35	HAI-2 as a novel inhibitor of plasmin represses lung cancer cell invasion and metastasis. <i>British Journal of Cancer</i> , <b>2019</b> , 120, 499-511	8.7	6
34	Serum soluble triggering receptor expressed on myeloid cells-1 in acute respiratory distress syndrome: a prospective observational cohort study. <i>Journal of the Formosan Medical Association</i> , <b>2010</b> , 109, 800-9	3.2	5
33	Vorinostat combined with brigatinib overcomes acquired resistance in EGFR-C797S-mutated lung cancer. <i>Cancer Letters</i> , <b>2021</b> , 508, 76-91	9.9	5
32	Nivolumab safety and efficacy in advanced, platinum-resistant, non-small cell lung cancer, radical radiotherapy-ineligible patients: A phase II study in Taiwan. <i>Journal of the Formosan Medical Association</i> , <b>2020</b> , 119, 1817-1826	3.2	4
31	Rapid on-site cytologic evaluation by pulmonologist improved diagnostic accuracy of endobronchial ultrasound-guided transbronchial biopsy. <i>Journal of the Formosan Medical Association</i> , <b>2020</b> , 119, 1684-1692	3.3	4
30	Soluble triggering receptor expressed on myeloid cells-1 as an infection marker for patients with neutropenic fever. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 993-9	1.4	4
29	Differentiating metastatic lymph nodes in lung cancer patients based on endobronchial ultrasonography features. <i>Medical Ultrasonography</i> , <b>2018</b> , 20, 154-158	1.4	4
28	Plasma-activated medium as adjuvant therapy for lung cancer with malignant pleural effusion. <i>Scientific Reports</i> , <b>2020</b> , 10, 18154	4.9	4
27	Afatinib Exerts Immunomodulatory Effects by Targeting the Pyrimidine Biosynthesis Enzyme CAD. <i>Cancer Research</i> , <b>2021</b> , 81, 3270-3282	10.1	4
26	Monitoring levels of vimentin-positive circulating cancer stem cells and tumor cells in patients with advanced EGFR-mutated non-small cell lung cancer. <i>Lung Cancer</i> , <b>2021</b> , 156, 50-58	5.9	4
25	Genome-Wide Epigenetic Landscape of Lung Adenocarcinoma Links HOXB9 DNA Methylation to Intrinsic EGFR-TKI Resistance and Heterogeneous Responses. <i>JCO Precision Oncology</i> , <b>2021</b> , 5,	3.6	4
24	DNA methylome and transcriptome landscapes of cancer-associated fibroblasts reveal a smoking-associated malignancy index. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	4
23	Atypical cells in pathology of endobronchial ultrasound-guided transbronchial biopsy of peripheral pulmonary lesions: incidence and clinical significance. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2019</b> , 33, 1783-1788	5.2	3
22	Radial endobronchial ultrasound-guided transbronchial biopsy for peripheral pulmonary malignancy: biopsy- or brushing-first?. <i>BMC Pulmonary Medicine</i> , <b>2019</b> , 19, 193	3.5	2
21	Endobronchial ultrasonographically guided transbronchial needle aspiration in mediastinal abscesses. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, e54-7	1.5	2



20	The first case report of dental floss pick-related injury presenting with massive hemoptysis: a case report. <i>Journal of Medical Case Reports</i> , <b>2008</b> , 2, 78	1.2	2
19	Effectiveness of convolutional neural networks in the interpretation of pulmonary cytologic images in endobronchial ultrasound procedures. <i>Cancer Medicine</i> , <b>2021</b> , 10, 9047	4.8	2
18	Rapid on-site cytologic evaluation by pulmonologist improved diagnostic accuracy of endobronchial ultrasound-guided transbronchial biopsy. <i>Journal of the Formosan Medical Association</i> , <b>2021</b> , 120, 1414-1415	3.7	2
17	Efficacy and Safety of Cone-Beam Computed Tomography-Derived Augmented Fluoroscopy Combined with Endobronchial Ultrasound in Peripheral Pulmonary Lesions. <i>Respiration</i> , <b>2021</b> , 100, 538-546	3.7	2
16	Maximizing Benefits from Maintenance Pemetrexed with Stereotactic Ablative Radiotherapy in Oligoprogressive Non-Squamous Non-Small Cell Lung Cancer. <i>Case Reports in Oncology</i> , <b>2016</b> , 9, 474-480 <sup>1</sup>		1
15	A phase I dose-defining study for MK-2206 combined with gefitinib in NSCLC population enriched with EGFR mutation.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, e19013-e19013	2.2	1
14	Tumor microenvironment-based screening repurposes drugs targeting cancer stem cells and cancer-associated fibroblasts. <i>Theranostics</i> , <b>2021</b> , 11, 9667-9686	12.1	1
13	Trait mindfulness and depressive symptoms in non-small cell lung cancer patients: the mediating roles of quality of life and meaning in life. <i>Psychology and Health</i> , <b>2021</b> , 36, 1102-1114	2.9	1
12	Lung Adenocarcinoma With Primary L1MD1-BRAF Fusion Treated With MEK Inhibitor: A Case Report. <i>Clinical Lung Cancer</i> , <b>2021</b> , 22, e878-e880	4.9	1
11	The Short- and Long-term Causal Relationships Between Self-compassion, Trait Mindfulness, Caregiver Stress, and Depressive Symptoms in Family Caregivers of Patients with Lung Cancer. <i>Mindfulness</i> , <b>2021</b> , 12, 1-10	2.9	1
10	Successful treatment of intractable hemothorax with recombinant factor VIIa in a nonhemophilic patient. <i>Journal of the Formosan Medical Association</i> , <b>2006</b> , 105, 765-9	3.2	0
9	The Long-Term and Mediating Effects of Mindfulness Integrated with Body-Mind-Spirit Group Therapy on Depressive Symptoms and Quality of Life Among Non-small Cell Lung Cancer Patients. <i>Mindfulness</i> , <b>2021</b> , 12, 1-10	2.9	0
8	The relative importance of predictive factors for single first-generation EGFR-TKI use for more than 5 years in patients with advanced non-small cell lung cancer: Taiwan multicenter TIPS-5 study. <i>Therapeutic Advances in Medical Oncology</i> , <b>2021</b> , 13, 17588359211018022	5.4	0
7	Mucosa-associated lymphoid tissue lymphoma with isolated endobronchial involvement. <i>Respirology Case Reports</i> , <b>2020</b> , 8, e00672	0.9	
6	Response to Stephane Renaud et al. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 129, 188-189	5.3	
5	Role of Immunohistochemical Expression of Caveolin-1 in Lung Carcinoma. <i>Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas</i> , <b>2002</b> , 163-167		
4	Epidermal growth factor receptor tyrosine kinase inhibitors on clinical outcome of advanced non-small cell lung cancer patients with leptomeningeal carcinomatosis.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, e19061-e19061	2.2	
3	Routine pharmacogenomic testing of lung cancer in Taiwan.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, e13126-e13126	2.6	

- 2 Serial Plasma Cell-Free Circulating Tumor DNA Tests Identify Genomic Alterations for Early Prediction of Osimertinib Treatment Outcome in T790M-Positive NSCLC. *JTO Clinical and Research Reports*, **2021**, 2, 100099 1.4
- 1 Effectiveness of Endobronchial Ultrasound-Guided Transbronchial Biopsy Combined With Tissue Culture for the Diagnosis of Sputum Smear-Negative Pulmonary Tuberculosis.. *Frontiers in Microbiology*, **2022**, 13, 847479 5.7