

# Chun-Ta Huang

## List of Publications by Year in descending order

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80  
papers

2,003  
citations

218381

26  
h-index

276539

41  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Revisiting tuberculous pleurisy: pleural fluid characteristics and diagnostic yield of mycobacterial culture in an endemic area. <i>Thorax</i> , 2012, 67, 822-827.	2.7	140
2	Exploring the heterogeneity of effects of corticosteroids on acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Critical Care</i> , 2014, 18, R63.	2.5	111
3	Extracorporeal membrane oxygenation resuscitation in adult patients with refractory septic shock. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1041-1046.	0.4	108
4	Factors influencing visibility and diagnostic yield of transbronchial biopsy using endobronchial ultrasound in peripheral pulmonary lesions. <i>Respirology</i> , 2009, 14, 859-864.	1.3	97
5	In-Hospital and One-Year Mortality and Their Predictors in Patients Hospitalized for First-Ever Chronic Obstructive Pulmonary Disease Exacerbations: A Nationwide Population-Based Study. <i>PLoS ONE</i> , 2014, 9, e114866.	1.1	79
6	Correlation of F-18 fluorodeoxyglucose-positron emission tomography maximal standardized uptake value and EGFR mutations in advanced lung adenocarcinoma. <i>Medical Oncology</i> , 2010, 27, 9-15.	1.2	61
7	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> , 2011, 40, 264-265.	0.6	61
8	Sleep Deprivation Aggravates Median Nerve Injury-Induced Neuropathic Pain and Enhances Microglial Activation by Suppressing Melatonin Secretion. <i>Sleep</i> , 2014, 37, 1513-1523.	0.6	61
9	Effectiveness of Telemonitoring in Patients with Chronic Obstructive Pulmonary Disease in Taiwan-A Randomized Controlled Trial. <i>Scientific Reports</i> , 2016, 6, 23797.	1.6	56
10	Acute Exacerbation of a Chronic Obstructive Pulmonary Disease Prediction System Using Wearable Device Data, Machine Learning, and Deep Learning: Development and Cohort Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e22591.	1.8	53
11	Infections due to <i>Candida haemulonii</i> : species identification, antifungal susceptibility and outcomes. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 85-88.	1.1	49
12	Diabetes mellitus in patients with chronic obstructive pulmonary disease-The impact on mortality. <i>PLoS ONE</i> , 2017, 12, e0175794.	1.1	47
13	Validity of ICD9-CM codes to diagnose chronic obstructive pulmonary disease from National Health Insurance claim data in Taiwan. <i>International Journal of COPD</i> , 2018, Volume 13, 3055-3063.	0.9	47
14	Metformin use mitigates the adverse prognostic effect of diabetes mellitus in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2019, 20, 69.	1.4	47
15	Impact of non-tuberculous mycobacteria on pulmonary function decline in chronic obstructive pulmonary disease. <i>International Journal of Tuberculosis and Lung Disease</i> , 2012, 16, 539-545.	0.6	45
16	Elevated neutrophil to lymphocyte ratio predicts mortality in medical inpatients with multiple chronic conditions. <i>Medicine (United States)</i> , 2016, 95, e3832.	0.4	43
17	Conventional Weaning Parameters Do Not Predict Extubation Outcome in Intubated Subjects Requiring Prolonged Mechanical Ventilation. <i>Respiratory Care</i> , 2013, 58, 1307-1314.	0.8	39
18	Effects of pre-emptive drug treatment on astrocyte activation in the cuneate nucleus following rat median nerve injury. <i>Pain</i> , 2010, 148, 158-166.	2.0	37

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19	The Use of Sub-Mental Ultrasonography for Identifying Patients with Severe Obstructive Sleep Apnea. PLoS ONE, 2013, 8, e62848.	1.1	37
20	Skin and soft-tissue infection caused by non-tuberculous mycobacteria in Taiwan, 1997–2008. Epidemiology and Infection, 2011, 139, 121-129.	1.0	32
21	Application of heart-rate variability in patients undergoing weaning from mechanical ventilation. Critical Care, 2014, 18, R21.	2.5	32
22	Pulmonary infection caused by nontuberculous mycobacteria in a medical center in Taiwan, 2005–2008. Diagnostic Microbiology and Infectious Disease, 2012, 72, 47-51.	0.8	31
23	Hemoglobin Levels and Weaning Outcome of Mechanical Ventilation in Difficult-To-Wean Patients: A Retrospective Cohort Study. PLoS ONE, 2013, 8, e73743.	1.1	31
24	Efficacy and adverse events of high-frequency oscillatory ventilation in adult patients with acute respiratory distress syndrome: a meta-analysis. Critical Care, 2014, 18, R102.	2.5	30
25	Emphysematous gastritis: A deadly infectious disease. Scandinavian Journal of Infectious Diseases, 2009, 41, 317-319.	1.5	29
26	High serum levels of procalcitonin and soluble TREM-1 correlated with poor prognosis in pulmonary tuberculosis. Journal of Infection, 2014, 68, 440-447.	1.7	29
27	Risk Factors of Pneumothorax after Endobronchial Ultrasound-Guided Transbronchial Biopsy for Peripheral Lung Lesions. PLoS ONE, 2012, 7, e49125.	1.1	28
28	Clinical significance of isolation of nontuberculous mycobacteria in pulmonary tuberculosis patients. Respiratory Medicine, 2009, 103, 1484-1491.	1.3	27
29	Neuropeptide Y Modulates c-Fos Protein Expression in the Cuneate Nucleus and Contributes to Mechanical Hypersensitivity following Rat Median Nerve Injury. Journal of Neurotrauma, 2009, 26, 1609-1621.	1.7	26
30	Melatonin reduces median nerve injury-induced mechanical hypersensitivity via inhibition of microglial p38 mitogen-activated protein kinase activation in rat cuneate nucleus. Journal of Pineal Research, 2013, 54, 232-244.	3.4	24
31	Biomarkers of early sepsis may be correlated with outcome. Journal of Translational Medicine, 2014, 12, 146.	1.8	24
32	Cryptococcosis and tuberculosis co-infection at a university hospital in Taiwan, 1993–2006. Infection, 2010, 38, 373-379.	2.3	23
33	Clinical features and outcomes of disseminated infections caused by non-tuberculous mycobacteria in a university hospital in Taiwan, 2004–2008. Scandinavian Journal of Infectious Diseases, 2011, 43, 8-14.	1.5	23
34	Erythropoietin reduces nerve demyelination, neuropathic pain behavior and microglial MAPK's activation through erythropoietin receptors on Schwann cells in a rat model of peripheral neuropathy. Glia, 2018, 66, 2299-2315.	2.5	22
35	Endobronchial Ultrasound-Guided Transbronchial Biopsy of Peripheral Pulmonary Lesions: How Many Specimens Are Necessary?. Respiration, 2012, 84, 128-134.	1.2	20
36	Poor Self-Rated Health Influences Hospital Service Use in Hospitalized Inpatients With Chronic Conditions in Taiwan. Medicine (United States), 2015, 94, e1477.	0.4	20

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37	Apoptosis-associated biomarkers in tuberculosis: promising for diagnosis and prognosis prediction. <i>BMC Infectious Diseases</i> , 2013, 13, 45.	1.3	19
38	Severe Sepsis and Septic Shock. <i>Shock</i> , 2016, 45, 518-524.	1.0	18
39	Glycemic control with insulin attenuates sepsis-associated encephalopathy by inhibiting glial activation via the suppression of the nuclear factor kappa B and mitogen-activated protein kinase signaling pathways in septic rats. <i>Brain Research</i> , 2020, 1738, 146822.	1.1	17
40	High Mortality in Severe Sepsis and Septic Shock Patients with Do-Not-Resuscitate Orders in East Asia. <i>PLoS ONE</i> , 2016, 11, e0159501.	1.1	17
41	Docosahexaenoic acid confers analgesic effects after median nerve injury via inhibition of c-Jun N-terminal kinase activation in microglia. <i>Journal of Nutritional Biochemistry</i> , 2016, 29, 97-106.	1.9	16
42	Epidemiology and Outcome of Severe Sepsis and Septic Shock in Surgical Intensive Care Units in Northern Taiwan. <i>Medicine (United States)</i> , 2015, 94, e2136.	0.4	15
43	Effects of Regional and Whole-body Hypothermic Treatment before and after Median Nerve Injury on Neuropathic Pain and Glial Activation in Rat Cuneate Nucleus. <i>Anesthesiology</i> , 2012, 116, 415-431.	1.3	15
44	Effects of acute critical illnesses on the performance of interferon-gamma release assay. <i>Scientific Reports</i> , 2016, 6, 19972.	1.6	14
45	Prognostic value of plasma N-terminal pro-B-type natriuretic peptide levels in pneumonia patients requiring intensive care unit admission. <i>Respirology</i> , 2013, 18, 933-941.	1.3	12
46	Mitochondrial DNA Variants in Patients with Liver Injury Due to Anti-Tuberculosis Drugs. <i>Journal of Clinical Medicine</i> , 2019, 8, 1207.	1.0	12
47	Clinical Trajectories and Causes of Death in Septic Patients with a Low APACHE II Score. <i>Journal of Clinical Medicine</i> , 2019, 8, 1064.	1.0	12
48	Synaptic relationships between induced neuropeptide Y-like immunoreactive terminals and cuneothalamic projection neurons in the rat cuneate nucleus following median nerve transection. <i>Journal of Chemical Neuroanatomy</i> , 2008, 36, 27-32.	1.0	11
49	Nasion Swelling as the Presenting Symptom of Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2009, 4, 555-558.	0.5	11
50	Neurosteroid Allopregnanolone Suppresses Median Nerve Injury-induced Mechanical Hypersensitivity and Glial Extracellular Signal-regulated Kinase Activation through $\beta$ -Aminobutyric Acid Type A Receptor Modulation in the Rat Cuneate Nucleus. <i>Anesthesiology</i> , 2016, 125, 1202-1218.	1.3	11
51	Preadmission tracheostomy is associated with better outcomes in patients with prolonged mechanical ventilation in the postintensive care respiratory care setting. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 169-176.	0.8	11
52	Pre-treatment with lidocaine suppresses ectopic discharges and attenuates neuropeptide Y and c-Fos expressions in the rat cuneate nucleus following median nerve transection. <i>Journal of Chemical Neuroanatomy</i> , 2009, 38, 47-56.	1.0	10
53	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> , 2017, 12, e0179719.	1.1	10
54	Non-surgical Management of Giant Lung Bullae During Mechanical Ventilation. <i>Respiratory Care</i> , 2011, 56, 1614-1616.	0.8	9

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55	Cautious Application of Pleural N-Terminal Pro-B-Type Natriuretic Peptide in Diagnosis of Congestive Heart Failure Pleural Effusions among Critically Ill Patients. <i>PLoS ONE</i> , 2014, 9, e115301.	1.1	8
56	Compelling Results of Adjuvant Therapy With Sirolimus for Severe H1N1 Pneumonia. <i>Critical Care Medicine</i> , 2014, 42, e687-e688.	0.4	8
57	Radial endobronchial ultrasound-guided transbronchial biopsy for peripheral pulmonary malignancy: biopsy- or brushing-first?. <i>BMC Pulmonary Medicine</i> , 2019, 19, 193.	0.8	8
58	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> , 2019, 33, 1783-1788.	1.3	8
59	Melatonin reduces neuropathic pain behavior and glial activation through MT2 melatonin receptor modulation in a rat model of lysophosphatidylcholine-induced demyelination neuropathy. <i>Neurochemistry International</i> , 2020, 140, 104827.	1.9	7
60	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> , 2017, 17, 132.	0.8	6
61	Etiology-associated heterogeneity in acute respiratory distress syndrome: a retrospective cohort study. <i>BMC Pulmonary Medicine</i> , 2021, 21, 183.	0.8	6
62	Pleural Effusion Heralds Acute Leukemic Transformation of Chronic Myelomonocytic Leukemia. <i>Southern Medical Journal</i> , 2008, 101, 1279-1280.	0.3	6
63	Endobronchial ultrasound-guided transbronchial biopsy with or without a guide sheath for peripheral pulmonary malignancy. <i>ERJ Open Research</i> , 2021, 7, 00267-2021.	1.1	5
64	Continuous, personalized healthcare integrated platform. , 2012, , .		4
65	Prognostic value of the mitogen response in the interferon- $\gamma$ release assay in patients with culture-confirmed tuberculosis. <i>Respiratory Medicine</i> , 2019, 158, 49-54.	1.3	4
66	Clinical effectiveness of cefoperazone-sulbactam versus piperacillin-tazobactam for the treatment of pneumonia in the elderly population. <i>International Journal of Antimicrobial Agents</i> , 2021, 59, 106491.	1.1	4
67	The first case report of dental floss pick-related injury presenting with massive hemoptysis: A case report. <i>Journal of Medical Case Reports</i> , 2008, 2, 78.	0.4	3
68	Demand and Predictors for Post-Discharge Medical Counseling in Home Care Patients: A Prospective Cohort Study. <i>PLoS ONE</i> , 2013, 8, e64274.	1.1	3
69	Influence of Lipid Emulsions on Nosocomial Infections. <i>Critical Care Medicine</i> , 2015, 43, e157-e158.	0.4	3
70	Gastrointestinal complications are associated with a poor outcome in non-critically ill pneumonia patients. <i>BMC Gastroenterology</i> , 2020, 20, 383.	0.8	3
71	Impact of tobacco-related chronic obstructive pulmonary disease on developmental trajectories of comorbidities in the Taiwan population. <i>Scientific Reports</i> , 2020, 10, 21025.	1.6	3
72	Effect of incomplete withdrawal of a closed-suction catheter on airway resistance. <i>Intensive Care Medicine</i> , 2015, 41, 1496-1497.	3.9	2

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73	Differential roles of comorbidity burden and functional status in elderly and non-elderly patients with infections in general wards. Journal of the Formosan Medical Association, 2020, 119, 821-828.	0.8	2
74	Disseminated Tuberculosis in a Patient Treated with Biologics. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 592-593.	2.5	1
75	Unexpected tracheobronchial foreign body: tooth prosthesis. QJM - Monthly Journal of the Association of Physicians, 2010, 103, 273-274.	0.2	0
76	Abdominal Pain and New-onset Seizures. Journal of Emergency Medicine, 2012, 43, e335-e336.	0.3	0
77	Steeple Sign: Not Specific for Croup. Journal of Emergency Medicine, 2012, 43, e333-e334.	0.3	0
78	Compliance with clinical guidelines for chronic obstructive pulmonary disease. , 2017, , .		0
79	Application of a pre-emptive question and answer platform to improve the level of satisfaction during family meetings in general medical wards. BMC Health Services Research, 2022, 22, 499.	0.9	0
80	Non-opacification of the left heart in an adult man with post-resuscitation myocardial dysfunction. Acta Clinica Belgica, 2011, 66, 240-1.	0.5	0