Chau-Chyun Sheu

List of Publications by Year in descending order

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159585 175258 3,150 127 30 52 citations g-index h-index papers 131 131 131 5562 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Infections Caused by Carbapenem-Resistant Enterobacteriaceae: An Update on Therapeutic Options. Frontiers in Microbiology, 2019, 10, 80.	3.5	313
2	Genetic variants and risk of lung cancer in never smokers: a genome-wide association study. Lancet Oncology, The, $2010,11,321\text{-}330.$	10.7	218
3	Clinical Characteristics and Outcomes of Sepsis-Related vs Non-Sepsis-Related ARDS. Chest, 2010, 138, 559-567.	0.8	186
4	Gastro-intestinal metastasis of primary lung carcinoma: Clinical presentations and outcome. Lung Cancer, 2006, 54, 319-323.	2.0	167
5	Amyotrophic Lateral Sclerosis. New England Journal of Medicine, 2017, 377, 1602-1602.	27.0	118
6	Genetic variants associated with severe pneumonia in A/H1N1 influenza infection. European Respiratory Journal, 2012, 39, 604-610.	6.7	92
7	Serum bilirubin levels on ICU admission are associated with ARDS development and mortality in sepsis. Thorax, 2009, 64, 784-790.	5. 6	81
8	<i>IL1RN</i> Coding Variant Is Associated with Lower Risk of Acute Respiratory Distress Syndrome and Increased Plasma IL-1 Receptor Antagonist. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 950-959.	5 . 6	75
9	Genome-wide association study identifies polymorphisms in LEPR as determinants of plasma soluble leptin receptor levels. Human Molecular Genetics, 2010, 19, 1846-1855.	2.9	74
10	Using a machine learning approach to predict mortality in critically ill influenza patients: a cross-sectional retrospective multicentre study in Taiwan. BMJ Open, 2020, 10, e033898.	1.9	74
11	Genetic variants in the angiopoietin-2 gene are associated with increased risk of ARDS. Intensive Care Medicine, 2009, 35, 1024-1030.	8.2	72
12	Inadequate energy delivery during early critical illness correlates with increased risk of mortality in patients who survive at least seven days: A retrospective study. Clinical Nutrition, 2011, 30, 209-214.	5.0	61
13	Heme Oxygenase-1 microsatellite polymorphism and haplotypes are associated with the development of acute respiratory distress syndrome. Intensive Care Medicine, 2009, 35, 1343-1351.	8.2	58
14	Antibiotic strategies and clinical outcomes in critically ill patients with pneumonia caused by carbapenem-resistant Acinetobacter baumannii. Clinical Microbiology and Infection, 2018, 24, 908.e1-908.e7.	6.0	56
15	The influence of infection sites on development and mortality of ARDS. Intensive Care Medicine, 2010, 36, 963-970.	8.2	53
16	Distinct and replicable genetic risk factors for acute respiratory distress syndrome of pulmonary or extrapulmonary origin. Journal of Medical Genetics, 2012, 49, 671-680.	3.2	53
17	Differential expression profile of MAGE family in non-small-cell lung cancer. Lung Cancer, 2007, 56, 185-192.	2.0	52
18	Overexpression of Circulating c-Met Messenger RNA Is Significantly Correlated With Nodal Stage and Early Recurrence in Non-Small Cell Lung Cancer. Chest, 2005, 128, 1453-1460.	0.8	46

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19	Genetic Polymorphisms of Peptidase Inhibitor 3 (Elafin) Are Associated with Acute Respiratory Distress Syndrome. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 696-704.	2.9	46
20	Cysteinyl Leukotriene Receptor Antagonists Decrease Cancer Risk in Asthma Patients. Scientific Reports, 2016, 6, 23979.	3.3	46
21	Metformin decreases lung cancer risk in diabetic patients in a dose-dependent manner. Lung Cancer, 2014, 86, 137-143.	2.0	43
22	Management of infections caused by extended-spectrum $\hat{l}^2\hat{a}\in \hat{l}$ actionase-producing (i) Enterobacteriaceae (i): current evidence and future prospects. Expert Review of Anti-Infective Therapy, 2018, 16, 205-218.	4.4	41
23	Interactions Among Genetic Variants in Apoptosis Pathway Genes, Reflux Symptoms, Body Mass Index, and Smoking Indicate Two Distinct Etiologic Patterns of Esophageal Adenocarcinoma. Journal of Clinical Oncology, 2010, 28, 2445-2451.	1.6	40
24	BCL2 genetic variants are associated with acute kidney injury in septic shock*. Critical Care Medicine, 2012, 40, 2116-2123.	0.9	40
25	Great potential of a panel of multiple hMTH1, SPD, ITGA11 and COL11A1 markers for diagnosis of patients with non-small cell lung cancer. Oncology Reports, 2006, 16, 981.	2.6	36
26	Organophosphate Poisoning: 10 Years of Experience in Southern Taiwan. Kaohsiung Journal of Medical Sciences, 2007, 23, 112-119.	1.9	35
27	Admission Time and Outcomes of Patients in A Medical Intensive Care Unit. Kaohsiung Journal of Medical Sciences, 2007, 23, 395-404.	1.9	35
28	Deducting MicroRNA-Mediated Changes Common in Bronchial Epithelial Cells of Asthma and Chronic Obstructive Pulmonary Disease—A Next-Generation Sequencing-Guided Bioinformatic Approach. International Journal of Molecular Sciences, 2019, 20, 553.	4.1	35
29	Mitogen-Activated Protein Kinase Pathway Was Significantly Activated in Human Bronchial Epithelial Cells by Nicotine. DNA and Cell Biology, 2006, 25, 312-322.	1.9	34
30	Development of a membrane array-based multimarker assay for detection of circulating cancer cells in patients with non-small cell lung cancer. International Journal of Cancer, 2006, 119, 1419-1426.	5.1	33
31	A prominent air pollutant, Indeno[1,2,3-cd]pyrene, enhances allergic lung inflammation via aryl hydrocarbon receptor. Scientific Reports, 2018, 8, 5198.	3.3	33
32	A RETROSPECTIVE ANALYSIS OF THE MANAGEMENT OF PARAPNEUMONIC EMPYEMAS IN A COUNTY TEACHING FACILITY FROM 1992-2004. Chest, 2005, 128, 358S.	0.8	30
33	Hepatitis C Virus Infection Is Associated With an Increased Risk of Active Tuberculosis Disease. Medicine (United States), 2015, 94, e1328.	1.0	30
34	A new grid-scale model simulating the spatiotemporal distribution of PM2.5-PAHs for exposure assessment. Journal of Hazardous Materials, 2016, 314, 286-294.	12.4	29
35	Impact of corticosteroid treatment on clinical outcomes of influenza-associated ARDS: a nationwide multicenter study. Annals of Intensive Care, 2020, 10, 26.	4.6	29
36	The Effects of Epigallocatechin Gallate (EGCG) on Pulmonary Fibroblasts of Idiopathic Pulmonary Fibrosis (IPF)â€"A Next-Generation Sequencing and Bioinformatic Approach. International Journal of Molecular Sciences, 2019, 20, 1958.	4.1	27

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37	Aryl hydrocarbon receptor–ligand axis mediates pulmonary fibroblast migration and differentiation through increased arachidonic acid metabolism. Toxicology, 2016, 370, 116-126.	4.2	26
38	Association of day 4 cumulative fluid balance with mortality in critically ill patients with influenza: A multicenter retrospective cohort study in Taiwan. PLoS ONE, 2018, 13, e0190952.	2.5	26
39	Altered pattern of monocyte differentiation and monocyte-derived TGF- \hat{l}^21 in severe asthma. Scientific Reports, 2018, 8, 919.	3.3	24
40	Is colistin-associated acute kidney injury clinically important in adults? A systematic review and meta-analysis. International Journal of Antimicrobial Agents, 2020, 55, 105889.	2.5	24
41	Combined Detection of CEA, CK-19 and c-met mRNAs in Peripheral Blood: A Highly Sensitive Panel for Potential Molecular Diagnosis of Non-Small Cell Lung Cancer. Oncology, 2006, 70, 203-211.	1.9	23
42	2018 Expert Consensus on the Management of Adverse Effects of Antiplatelet Therapy for Acute Coronary Syndrome in Taiwan. Acta Cardiologica Sinica, 2018, 34, 201-210.	0.2	23
43	Identification of novel genetic regulations associated with airway epithelial homeostasis using next-generation sequencing data and bioinformatics approaches. Oncotarget, 2017, 8, 82674-82688.	1.8	22
44	Systematic analysis of transcriptomic profiles of COPD airway epithelium using next-generation sequencing and bioinformatics. International Journal of COPD, 2018, Volume 13, 2387-2398.	2.3	21
45	Sex-specific association of epidermal growth factor gene polymorphisms with acute respiratory distress syndrome. European Respiratory Journal, 2009, 33, 543-550.	6.7	20
46	Predictors of survival in patients with influenza pneumonia-related severe acute respiratory distress syndrome treated with prone positioning. Annals of Intensive Care, 2018, 8, 94.	4.6	20
47	Efficacy of adjunctive nebulized colistin in critically ill patients with nosocomial carbapenem-resistant Gram-negative bacterial pneumonia: a multi-centre observational study. Clinical Microbiology and Infection, 2021, 27, 1465-1473.	6.0	20
48	Completion Rate and Safety of Programmatic Screening and Treatment for Latent Tuberculosis Infection in Elderly Patients With Poorly Controlled Diabetic Mellitus: A Prospective Multicenter Study. Clinical Infectious Diseases, 2021, 73, e1252-e1260.	5.8	20
49	Possible mechanisms mediating apoptosis of bronchial epithelial cells in chronic obstructive pulmonary disease – A next-generation sequencing approach. Pathology Research and Practice, 2018, 214, 1489-1496.	2.3	19
50	Gene Expression Changes Associated with Nintedanib Treatment in Idiopathic Pulmonary Fibrosis Fibroblasts: A Next-Generation Sequencing and Bioinformatics Study. Journal of Clinical Medicine, 2019, 8, 308.	2.4	19
51	Adiponectin Gene Polymorphisms and Acute Respiratory Distress Syndrome Susceptibility and Mortality. PLoS ONE, 2014, 9, e89170.	2.5	18
52	Spontaneous Pneumothorax as a Complication of Septic Pulmonary Embolism in an Intravenous Drug User: A Case Report. Kaohsiung Journal of Medical Sciences, 2006, 22, 89-93.	1.9	17
53	Longâ€acting beta2â€agonists versus longâ€acting muscarinic antagonists in patients with stable <scp>COPD</scp> : <scp>A</scp> systematic review and metaâ€analysis of randomized controlled trials. Respirology, 2017, 22, 1313-1319.	2.3	16
54	Betel Chewing and Arecoline Affects Eotaxin-1, Asthma and Lung Function. PLoS ONE, 2014, 9, e91889.	2.5	16

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55	Ruptured Sinus of Valsalva and Complete Atrioventricular Block Complicating Fulminant Course of Infective Endocarditis: A Case Report and Literature Review. Kaohsiung Journal of Medical Sciences, 2006, 22, 398-403.	1.9	15
56	First tidal volume greater than 8ÂmL/kg is associated with increased mortality in complicated influenza infection with acute respiratory distress syndrome. Journal of the Formosan Medical Association, 2019, 118, 378-385.	1.7	14
57	Mortality and vertebral fracture risk associated with long-term oral steroid use in patients with chronic obstructive pulmonary disease: A systemic review and meta-analysis. Chronic Respiratory Disease, 2019, 16, 147997311983828.	2.4	14
58	Cysteinyl Leukotriene Pathway and Cancer. International Journal of Molecular Sciences, 2022, 23, 120.	4.1	14
59	Left Atrial Sarcoma Mimicking Obstructive Pulmonary Disease. Journal of Clinical Oncology, 2007, 25, 1277-1279.	1.6	12
60	Possible malignant hyperthermia during spinal anaesthesia with tetracaine. Anaesthesia, 2007, 62, 200-201.	3.8	12
61	Combined lung fibrosis and â€~mechanic's hand': A clinical diagnostic clue to amyopathic antisynthetase syndrome. Respirology, 2008, 13, 611-614.	2.3	12
62	Bioinformatic analysis of nextâ€'generation sequencing data to identify dysregulated genes in fibroblasts of idiopathic pulmonary fibrosis. International Journal of Molecular Medicine, 2019, 43, 1643-1656.	4.0	12
63	High frequency of frameshift mutation on p53 gene in Taiwanese with non small cell lung cancer. Cancer Letters, 2005, 222, 195-204.	7.2	11
64	Epigenetic synergism between interleukin-4 and aryl-hydrocarbon receptor in human macrophages. Journal of Molecular Medicine, 2017, 95, 395-404.	3.9	10
65	Update on guidelines for the treatment of COPD in Taiwan using evidence and GRADE system-based recommendations. Journal of the Formosan Medical Association, 2021, 120, 1821-1844.	1.7	10
66	The necessity of a loading dose when prescribing intravenous colistin in critically ill patients with CRGNB-associated pneumonia: a multi-center observational study. Critical Care, 2022, 26, 91.	5.8	9
67	A simple modification of Ciaglia Blue Rhino technique for tracheostomy: using a guidewire dilating forceps for initial dilation. European Journal of Cardio-thoracic Surgery, 2007, 31, 114-119.	1.4	8
68	Routine culture for Mycobacterium tuberculosis from bronchoscopy in Taiwan. Respirology, 2007, 12, 412-415.	2.3	8
69	CHADS2, CHA2DS2ASc, and New ABCD Scores Predict the Risk of Peripheral Arterial Disease in Patients with Sleep Apnea. Journal of Clinical Medicine, 2019, 8, 188.	2.4	8
70	Impact of Age on Outcome of Rifapentine-Based Weekly Therapy for Latent Tuberculosis Infection. Clinical Infectious Diseases, 2021, 73, e1064-e1071.	5.8	8
71	Blood tryptase and thymic stromal lymphopoietin levels predict the risk of exacerbation in severe asthma. Scientific Reports, 2021, 11, 8425.	3.3	8
72	Effectiveness of Nationwide COPD Pay-for-Performance Program on COPD Exacerbations in Taiwan. International Journal of COPD, 2021, Volume 16, 2869-2881.	2.3	8

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73	Clinical outcome of nosocomial pneumonia caused by Carbapenem-resistant gram-negative bacteria in critically ill patients: a multicenter retrospective observational study. Scientific Reports, 2022, 12, 7501.	3.3	8
74	Environmental risks and sphingolipid signatures in adult asthma and its phenotypic clusters: a multicentre study. Thorax, 2023, 78, 225-232.	5. 6	8
75	Myxedema Coma: A Well-Known but Unfamiliar Medical Emergency. Thyroid, 2007, 17, 371-372.	4.5	6
76	Identification of mutations in SLC4A1, GP1BA and HFE in a family with venous thrombosis of unknown cause by next†generation sequencing. Experimental and Therapeutic Medicine, 2018, 16, 4172-4180.	1.8	6
77	Establishing Aspergillus-Specific IgG Cut-Off Level for Chronic Pulmonary Aspergillosis Diagnosis: Multicenter Prospective Cohort Study. Journal of Fungi (Basel, Switzerland), 2021, 7, 480.	3.5	6
78	An antibiotic decision-making tool for patients with pneumonia admitted to a medical intensive care unit. International Journal of Antimicrobial Agents, 2016, 48, 286-291.	2.5	5
79	The Potential Effects of Curcumin on Pulmonary Fibroblasts of Idiopathic Pulmonary Fibrosis (IPF)—Approaching with Next-Generation Sequencing and Bioinformatics. Molecules, 2020, 25, 5458.	3.8	5
80	Detection of activated K-ras in non-small cell lung cancer by membrane array: A comparison with direct sequencing. Oncology Reports, 2007, , .	2.6	4
81	Efforts to control air pollution in the Asiaâ€Pacific region. Respirology, 2020, 25, 472-474.	2.3	4
82	LABA/LAMA fixed-dose combinations versus LAMA monotherapy in the prevention of COPD exacerbations: a systematic review and meta-analysis. Therapeutic Advances in Respiratory Disease, 2020, 14, 175346662093719.	2.6	4
83	Combined oligonucleotide microarray-bioinformatics and constructed membrane arrays to analyze the biological pathways in the carcinogenesis of human lung adenocarcinoma. Oncology Reports, 0, , .	2.6	4
84	Primary Malignant Fibrous Histiocytoma of the Lung: A Case Report. Kaohsiung Journal of Medical Sciences, 2003, 19, 428-431.	1.9	3
85	Novel mechanical ventilator weaning predictive model. Kaohsiung Journal of Medical Sciences, 2020, 36, 841-849.	1.9	3
86	Efficacies of Colistin–Carbapenem versus Colistin–Tigecycline in Critically III Patients with CR-GNB-Associated Pneumonia: A Multicenter Observational Study. Antibiotics, 2021, 10, 1081.	3.7	3
87	Safety of Performing Percutaneous Dilational Tracheostomy in Patients with Preexisting Barotrauma. Kaohsiung Journal of Medical Sciences, 2006, 22, 570-574.	1.9	2
88	An Infected Intrapulmonary Bronchogenic Cyst. Annals of Thoracic Surgery, 2006, 81, e31.	1.3	2
89	Comparing Patient Characteristics, Clinical Outcomes, and Biomarkers of Severe Asthma Patients in Taiwan. Biomedicines, 2021, 9, 764.	3.2	2
90	Effect of Tiotropium Soft Mist Inhalers on Dynamic Changes in Lung Mechanics of Patients with Chronic Obstructive Pulmonary Disease Receiving Mechanical Ventilation: A Prospective Pilot Study. Pharmaceutics, 2021, 13, 51.	4.5	2

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91	Risk of pneumothorax in pneumoconiosis patients in Taiwan: a retrospective cohort study. BMJ Open, 2021, 11, e054098.	1.9	2
92	Nutritional emphysema. Internal Medicine Journal, 2007, 37, 578-579.	0.8	1
93	Infection-Related Acute Respiratory Distress Syndrome: Epidemiology, Microbiology, Risk and Prognostic Factors, 2009, , .		1
94	Clinical Characteristics And Outcomes Of Sepsis-Related Vs. Non-Sepsis-Related Acute Respiratory Distress Syndrome. , 2010, , .		1
95	Clinical And Genetic Determinants Of Acute Kidney Injury In Patients With Septic Shock., 2010, , .		1
96	Genome-wide association study identifies polymorphisms in LEPR as determinants of plasma soluble leptin receptor levels. Human Molecular Genetics, 2011, 20, 629-629.	2.9	1
97	Risk factor analysis of nosocomial lower respiratory tract infection in influenza-related acute respiratory distress syndrome. Therapeutic Advances in Respiratory Disease, 2020, 14, 175346662094241.	2.6	1
98	Renal Replacement Therapy in Patients with Influenza Pneumonia Related Acute Respiratory Distress Syndrome. Journal of Clinical Medicine, 2021, 10, 1837.	2.4	1
99	Comparison of Prone Positioning and Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome: A Multicenter Cohort Study and Propensity-matched Analysis. Journal of the Formosan Medical Association, 2021, , .	1.7	1
100	Establishing Quality of Life in Southern Taiwan COPD Patients Using Long-Acting Bronchodilator. Patient Preference and Adherence, 2022, Volume 16, 875-886.	1.8	1
101	Performance and Clinical Utility of Various Chronic Obstructive Pulmonary Disease Case-Finding Tools. International Journal of COPD, 2021, Volume 16, 3405-3415.	2.3	1
102	P-474 Enhancement of apoptosis induction in non-small cell lung carcinomas by combinational p53/dsR1 and EGFP/Bax gene therapy. Lung Cancer, 2003, 41, S210.	2.0	0
103	Functional Analysis of Haplotypes in < i > PI3 < /i > Promoter , 2009, , .		0
104	<i>Heme Oxygenase-1</i> Gene Polymorphisms Are Associated with the Development of Acute Respiratory Distress Syndrome, 2009, , .		0
105	High-Order Interactions among Genetic Variants in Angiogenesis Pathway Genes and ARDS Risk , 2009, ,		0
106	A Large-scale Genotyping Study Identifies Five Genes Associated With ARDS Development. , 2010, , .		0
107	IL1RN Polymorphism Is Associated With Lower Risk Of Acute Lung Injury In Two Separate At-Risk Populations. , 2010, , .		0
108	High-order Interactions Among Genetic Variants In Angiogenesis And Inflammatory Pathway Genes In Modulating ARDS Risk In Patients With Sepsis. , 2010, , .		0

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109	Identification Of Transcriptional Factors Involved In The Regulation Of PI3 (pre-elafin) Gene, An Inhibitor Of Neutrophil Elastase. , 2010, , .		O
110	Genetic Interactions Between Genes Discovered By Genome-wide Expression Profiling Are Associated With The Risk Of ARDS Development. , 2010, , .		0
111	Joint Effects Of IGFBP3 And TGFB1 Polymorphisms Increasing Mortality In ARDS., 2010,,.		0
112	A Large-Scale Genetic Association Study Identifies Different Susceptibility Loci Of Sepsis-Related And Non-Sepsis-Related ARDS. , 2010, , .		0
113	Functional Characterization Of PI3 (Pre-Elafin) Polymorphism RS2664581 Associated With Acute Respiratory Distress Syndrome (ARDS) Development: Effect On The Anti-proteinase Activity And Transglutaminase Substrate Properties Of Pre-Elafin., 2011,,.		0
114	Genetic Susceptibility Profiles Are Different Between Pulmonary And Extrapulmonary Injury-Related Acute Respiratory Distress Syndrome. , 2011, , .		0
115	Pathway-Based Genome-Wide Association Study Of Body Mass In Acute Respiratory Distress Syndrome (ARDS)., 2012,,.		0
116	Hepatitis C virus infection is associated with an increased risk of active tuberculosis disease. Journal of Microbiology, Immunology and Infection, 2015, 48, S120.	3.1	0
117	Common MicroRNA-mediated Pathobiological Changes in Bronchial Epithelial Cells of Both Asthma and Chronic Obstructive Pulmonary Diseases. , 2019, , .		0
118	The Possible Effects of Epigallocatechin Gallate on Pulmonary Fibroblasts of Idiopathic Pulmonary Fibrosis - The MicroRNA-Associated Gene Expression Alterations. , 2019, , .		0
119	The prevalence and clinical features of chronic obstructive pulmonary disease patients with traits of asthma in Taiwan. Journal of the Formosan Medical Association, 2022, 121, 25-35.	1.7	0
120	Abstract LB-186: Genetic variants and risk of lung cancer in never-smokers: A genome-wide association study. , 2010, , .		0
121	Abstract 937: Nicotinic acetylcholine receptor polymorphisms, secondhand smoke and lung cancer risk. , 2010, , .		0
122	Abstract 4739: Interactions between variants of angiogenesis pathway genes and reflux symptom, BMI, and smoking in esophageal adenocarcinoma susceptibility., 2010,,.		0
123	Abstract 2760: Nicotinic acetylcholine receptor SNPs are associated with smoking cessation., 2011,,.		0
124	MicroRNA profiling of asthmatic bronchial epithelial cells. , 2017, , .		0
125	Increased Risk of Heart Failure In Patients of Bronchiectasis $\hat{a} \in A$ Nationwide Population-Based Study. , 2019, , .		0
126	Adequacy of intake of prescribed caloric and protein and reduction of mortality in critically ill patients with body mass indices below 30. Nutrition, 2021, 94, 111529.	2.4	0

ARTICLE IF CITATIONS

127 Clinical characteristics of asthma patients with small airway dysfunction., 2020,,. 0