

## 李欣烜

HSIN-HSIEN LI

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### 現職

長庚大學呼吸治療學系助理教授

### 專長

呼吸治療

(Respiratory therapy)

重症醫學

(Critical care medicine)

基礎胸腔醫學

(Basic pulmonary medicine)

### 學歷

博士

Sep 2018 - Jan 2022

國立陽明交通大學

急重症醫學研究所

碩士

Sep 2013 - July 2015

長庚大學

臨床醫學研究所呼吸暨重症照護組

學士

Sep 2005 - Jun 2009

高雄醫學大學

呼吸治療學系

### 經歷

台灣呼吸治療學會

April 2022

個人會員代表(現任)

活動、會務參與

長庚大學呼吸治療學系

Dec 2015 - Jul 2023

助教

林口長庚醫院

Aug 2009 - Mar 2014

呼吸治療師

胸腔復健科、內科、兒科、外科

### 專業證照

呼吸治療師

Sep 2009

證書字號001727

### 獲獎/獎學金

國立陽明交通大學

April 2021

110年第一季重要期刊論文

台灣胸腔暨重症加護醫學會

Dec 2020

口頭報告原著論文優秀論文獎

中華民國斐陶斐榮譽學會

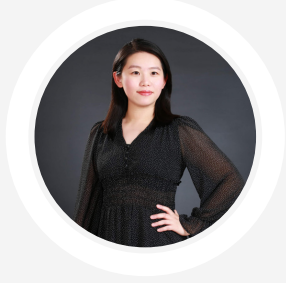
Jun 2015

榮譽會員

昭華教育基金會

Aug 2014

呼吸治療相關研究計畫獎助學金



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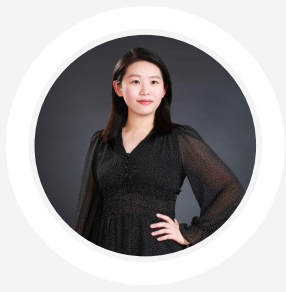
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## 國際期刊論文

1. Yu-Chung Hsu, [Hsin-Hsien Li](#), Li-Chung Chiu, Wen-Chieh Chiang, Tien-Pei Fang, Hui-Ling Lin\*. Predicting Inhaled Drug Dose Generated by Mesh Nebulizers. *J Aerosol Med Pulm Drug Deliv* 2023 Aug;36(4):162-170.
2. Chen-En Chiang, [Hsin-Hsien Li](#), Daniel D Rowley, Tien-Pei Fang, Hui-Ling Lin\* Influence of Aerosol Mask Design on Fugitive Aerosol Concentrations During Nebulization. *Respir Care* (2023)
3. [Hsin-Hsien Li](#), Chih-Wei Wang, Chih-Hao Chang, Chung-Chi Huang, Han-Shui Hsu, Li-Chung Chiu\*. Relationship between Mechanical Ventilation and Histological Fibrosis in Patients with Acute Respiratory Distress Syndrome Undergoing Open Lung Biopsy. *J Pers Med* (2022)16;12(3):474.
4. Tzu-Pei Wang, [Hsin-Hsien Li](#), Hui-Ling Lin\*. Positive Airway Pressure at Extubation Minimizes Subglottic Secretion Leak In Vitro. *J Clin Med* (2022)8;11(2):307.
5. [Hsin-Hsien Li](#), Chen-Chi Liu, Tien-Wei Hsu, Jiun-Han Lin, Jyuan-Wei Hsu, Anna Fen-Yau Li, Yi-Chen Yeh, Shih-Chieh Hung\*, Han-Shui Hsu\*. Upregulation of ACE2 and TMPRSS2 by particulate matter and idiopathic pulmonary fibrosis: a potential role in severe COVID-19. *Part Fibre Toxicol* (2021) 11;18(1):11.
6. Chen-Chi Liu, [Hsin-Hsien Li](#), Jiun-Han Lin, Ming-Chen Chiang, Tien-Wei Hsu, Anna Fen-Yau Li, David Hung-Tsang Yen, Han-Shui Hsu\*, Shih-Chieh Hung\*. Esophageal Cancer Stem-like Cells Resist Ferroptosis-Induced Cell Death by Active Hsp27-GPX4 Pathway. *Biomolecules*. (2021)29;12(1):48.
7. Li-Chung Chiu, Shih-Wei Lin, Li-Pang Chuang, [Hsin-Hsien Li](#), Pi-Hua Liu, Feng-Chun Tsai, Chih-Hao Chang, Chen-Yiu Hung, Chung-Shu Lee, Shaw-Woei Leu, Han-Chung Hu, Chung-Chi Huang, Huang-Pin Wu, Kuo-Chin Kao\*. Mechanical power during extracorporeal membrane oxygenation and hospital mortality in patients with acute respiratory distress syndrome. *Crit Care* (2021)6;25(1):13.
8. Li-Chung Chiu, Li-Pang Chuang, Shaw-Woei Leu, Yu-Jr Lin, Chee-Jen Chang, [Hsin-Hsien Li](#), Feng-Chun Tsai, Chih-Hao Chang, Chen-Yiu Hung, Shih-Wei Lin, Han-Chung Hu, Chung-Chi Huang, Huang-Pin Wu, Kuo-Chin Kao\*. Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome: Propensity Score Matching. *Membranes* (2021)26;11(6):393.
9. Li-Chung Chiu, Li-Pang Chuang, Shih-Wei Lin, Yu-Ching Chiou, [Hsin-Hsien Li](#), Yung-Chang Chen, Yu-Jr Lin, Chee-Jen Chang, Feng-Chun Tsai, Ko-Wei Chang, Han-Chung Hu, Chung-Chi Huang, Shaw-Woei Leu\*, Kuo-Chin Kao. Cumulative Fluid Balance during Extracorporeal Membrane Oxygenation and Mortality in Patients with Acute Respiratory Distress Syndrome. *Membranes* (2021)28;11(8):567.
10. Li-Chung Chiu, Shih-Wei Lin, Pi-Hua Liu, Li-Pang Chuang, Chih-Hao Chang, Chen-Yiu Hung, Shih-Hong Li, Chung-Shu Lee, Huang-Pin Wu, Chung-Chi Huang, [Hsin-Hsien Li](#), Kuo-Chin Kao, Han-Chung Hu\*. Reclassifying severity after 48 hours could better predict mortality in acute respiratory distress syndrome. *Ther Adv Respir Dis* (2020);14:1753466620936877.
11. Li-Chung Chiu, Li-Pang Chuang, Shih-Wei Lin, [Hsin-Hsien Li](#), Shaw-Woei Leu, Ko-Wei Chang, Chi-Hsien Huang, Tzu-Hsuan Chiu, Huang-Pin Wu, Feng-Chun Tsai, Chung-Chi Huang, Han-Chung Hu\*, Kuo-Chin Kao. Comparisons of Outcomes between Patients with Direct and Indirect Acute Respiratory Distress Syndrome Receiving Extracorporeal Membrane Oxygenation. *Membranes* (2021)22;11(8):644.



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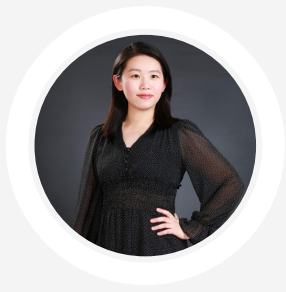
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## 國際期刊論文

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12. Tien-Pei Fang, Yu-Ju Chen, Tsung-Ming Yang, Szu-Hu Wang, Ming-Szu Hung, Shu-Hua Chiu, Hsin-Hsien Li, James B Fink, Hui-Ling Lin\*. Optimal Connection for Tiotropium SMI Delivery through Mechanical Ventilation: An In Vitro Study. *Pharmaceutics* (2020)24;12(3):291.
13. Hsin-Hsien Li, Hsao-Hsun Hsu, Gwo-Jyh Chang, I-Chen Chen, Wan-Jing Ho, Pei-Chen Hsu, Wei-Jan Chen, Jong-Hwei S Pang, Chung-Chi Huang, Ying-Ju Lai\*. Prostanoid EP 4 agonist L-902,688 activates PPAR $\gamma$  and attenuates pulmonary arterial hypertension. *Am J Physiol Lung Cell Mol Physiol* (2018)1;314(3):L349-L359.
14. Ying-Ju Lai, I-Chen Chen, Hsin-Hsien Li, Chung-Chi Huang\*. EP4 Agonist L-902,688 Suppresses EndMT and Attenuates Right Ventricular Cardiac Fibrosis in Experimental Pulmonary Arterial Hypertension. *Int J Mol Sci.* (2018)3;19(3):727.



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### 研討會論文 (Oral)

1. Hsin-Hsien Li, Chen-Chi Liu, Tien-Wei Hsu, Jiun-Han Lin, Anna Fen-Yau Li, Yi-Chen Yeh, Shih-Chieh Hung\*, Han-Shui Hsu\*. Idiopathic pulmonary fibrosis and particulate matter upregulate ACE2 and TMPRSS2: A potential role for COVID-19 aggravation. 2020 Annual Congress of Taiwan Society of Pulmonary and Critical Care Medicine.
2. 李欣烜. 前列腺素受體在肺動脈高壓之調控機轉. 104年度台灣呼吸治療學會會員大會暨國際學術研討會.
3. Hsin-Hsien Li, Yi-Ling Hsieh, Hsao-Hsun Hsu, Ying-Ju Lai\*. Prostanoid EP4 Agonist Attenuates Proliferation of PASMC and Upregulation of PPAR-gamma in Experimental Pulmonary Arterial Hypertension. The 30th Joint Annual Conference of Biomedical Science.

### 研討會論文 (Poster)

1. 黃怡瑄、魏嘉慧、王思雅、李欣烜、陳妍慧\*. Acute effect of neuromuscular electrical stimulation on respiratory and metabolic system in health female adults. 109年度台灣呼吸治療學會會員大會暨國際學術研討會.
2. Hsin-Hsien Li, Yi-Ling Hsieh, Hsao-Hsun Hsu, Ying-Ju Lai\*. Effect of L-902,688, a Potent Prostanoid EP4 Receptor Agonist, Inhibits Pulmonary Arterial Smooth Muscle Cells Proliferation in Monocrotaline-induced Pulmonary Arterial Remodeling. ATS 2015 International Conference.