

*高國晉醫師
所發表期刊論文

1. Chao WC, Tseng CH, Chien YC, Sheu CC, Tsai MJ, Fang WF, Chen YM, Kao KC, Hu HC, Perng WC, Yang KY, Chen WC, Liang SJ, Wu CL, Wang HC, Chan MC; TSIRC (Taiwan Severe Influenza Research Consortium). 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 Jan 9;13(1):e0190952. (IF=2.806 ; MULTIDISCIPLINARY SCIENCES 15/64 ; 23.4%)
2. Li SH, Liu CY, Hsu PC, Fang YF, Wang CC, Kao KC, Tseng LC, Yang CT. Response to afatinib in treatment-naïve patients with advanced mutant epidermal growth factor receptor lung adenocarcinoma with brain metastases. *Expert Rev Anticancer Ther.* 2018 Jan;18(1):81-89. (IF=2.212 ; ONCOLOGY 150/217 ; 69.1%)
3. Chang CH, Lee CS, Li SH, Chung FT, Wang CW, Juan YH, Hu HC, Li LF, Chen NH, Yang CT, Kao KC*. Feasibility of radial endobronchial ultrasound-guided bronchoscopic cryobiopsy without fluoroscopy for lung parenchymal lesions. *Can Respir J.* 2017 October (**Corresponding author**) (IF=1.153 ; RESPIRATORY SYSTEM 55/59 ; 93.2%)
4. Hu HC, Chang CH, Hsu HH, Chang CM, Huang CC, Chuang SS, Kao KC*. Inhalation injury caused by cornstarch dust explosion in intubated patients – A single center experience. *Burns.* 2017 July (**Corresponding author**) (IF=2.056 ; SURGERY 83/196 ; 42.3%)
5. Kao KC, Chang CH, Hung CY, Chiu LC, Huang CC, Hu HC. Survival Predictor in Patients with Acute Respiratory Distress Syndrome and Diffuse Alveolar Damage Undergoing Open Lung Biopsy. *PLoS One.* 2017 Jul 5;12(7):e0180018. (IF=2.806 ; MULTIDISCIPLINARY SCIENCES 15/64 ; 23.4%)
6. Li LF, Kao KC, Liu YY, Lin CW, Chen NH, Lee CS, Wang CW, Yang CT. Nintedanib reduces ventilation-augmented bleomycin-induced epithelial–mesenchymal transition and lung fibrosis through suppression of the Src pathway. *J. Cell. Mol. Med.* 2017 Nov; 21 (11): 2937-2949. (IF=4.499 ; MEDICINE,RESEARCH&EXPERIMENTAL ; 20/128 ; 15.6%)
7. Hung CY, Hu HC, Chiu LC, Chang CH, Li LF, Huang CC, Kao CC, Cheng PJ, Kao KC*. Maternal and neonatal outcomes of respiratory failure during pregnancy. *J Formos Med Assoc.* 2017 May 17. pii: S0929-6646(17)30143-2.

- doi:10.1016/j.jfma.2017.04023. (Corresponding author) (IF=1.969; MEDICINE,RESEARCH&EXPERIMENTAL ; 46/154 ; 29.9%)
8. **Kao KC**, Chiu LC, Hung CY, Chang CH, Yang CT, Huang CC, Hu HC. Coinfection and mortality in pneumonia-related acute respiratory distress syndrome patients with bronchoalveolar lavage: a prospective observation study. SHOCK. 2017 May;47(5):615-620. (IF=3.113 ; SURGERY 40/196 ; 20.4%)
 9. Wu HP, Chu CM, **Kao KC**, Huang SH, Chuang DY. High Interleukin-10 Expression in Type 2 Helper Cells in Septic Patients. Immunol Invest. 2017 Apr 4:1-10. (IF=1.824 ; IMMUNOLOGY 120/150 ; 80%)
 10. Chiu LC, Hu HC, Hung CY, Chang CH, Tsai FC, Yang CT, Huang CC, Wu HP, **Kao KC**. Dynamic driving pressure associated with mortality in acute respiratory distress syndrome with extracorporeal membrane oxygenation. Ann Intensive Care. 2017 Dec;7 (1):12. (IF=3.656 ; CRITICAL CARE MEDICINE 9/33 ; 27.3%)
 11. Lin CY, Liu WL, Chang CC, Chang HT, Hu HC, **Kao KC**, Chen NH, Chen YJ, Yang CT, Huang CC, Dimopoulos G. Invasive fungal tracheobronchitis in mechanically ventilated critically ill patients: underlying conditions, diagnosis, and outcomes. Ann Intensive Care. 2017 Dec;7(1):9. (IF=3.656 ; CRITICAL CARE MEDICINE 9/33 ; 27.3%)
 12. Chuang LP, Lin SW, Lee LA, Li HY, Chang CH, **Kao KC**, Li LF, Huang CC, Yang CT, Chen NH. The gender difference of snore distribution and increased tendency to snore in women with menopausal syndrome: a general population study. Sleep Breath. 2017 May;21(2):543-547. (IF=2.288 ; CLINICAL NEUROLOGY 107/194 ; 55.2%)
 13. Chu CM, **Kao KC**, Huang SH, Chuang DY, Wu HP. Diagnostic value of apoptosis biomarkers in severe sepsis-A pilot study. Cell Mol Biol (Noisy-le-grand). 2016 Sep; 30;62(11):32-37. (IF=0.92 ; BIOCHEMISTRY & MOLECULAR BIOLOGY 262/286 ; 91.6%)
 14. Gong YN, Yang SL, Shih SR, Huang YC, Chang PY, Huang CG, **Kao KC**, Hu HC, Liu YC, Tsao KC. Molecular evolution and the global reemergence of enterovirus D68 by genome-wide analysis. Medicine (Baltimore). 2016 Aug;95(31):e4416. (IF=1.803 ; MEDICINE, GENERAL & INTERNAL 58/154 ; 37.7%)
 15. Chen YH, Yeh MC, Hu HC, Lee CS, Li LF, Chen NH, Huang CC, **Kao KC***. Effects of Lung Expansion Therapy on Lung Function in Patients with Prolonged Mechanical Ventilation. Can Respir J. 2016:5624315. (Corresponding author) (IF=1.153 ; RESPIRATORY SYSTEM 55/59 ; 93.2%)

16. Hsu PC, Chiu LC, Li SH, Chen CH, Wang CL, **Kao KC**, Chang JW, Wang CW, Yu CT, Chung FT, Yang CT, Liu CY. Continuous Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor Administration in Primary Lung Adenocarcinoma Patients Harboring Favorable Mutations With Controlled Target Lung Tumors Dose Not Hinder Survival Benefit Despite Small New Lesions. *Biomed J.* 2016;39:121-129. (Non-SCI)
17. Hsin CH, Wu MY, Huang CC, **Kao KC**, Lin PJ. Venovenous extracorporeal membrane oxygenation in adult respiratory failure: Scores for mortality prediction. *Medicine (Baltimore).* 2016;95(25):e3989. (IF=1.803 ; MEDICINE, GENERAL & INTERNAL 58/154 ; 37.7%)
18. Cardinal-Fernández P, Pey C, **Kao KC**. ARDS: Time to "separate the wheat from the chaff". *J Crit Care.* 2016;34:31-32. (IF=2.648 ; CRITICAL CARE MEDICINE 15/33 ; 45.5%)
19. Huang CY, Shih CC, Chung K, **Kao KC**, Wu HP. Predictive value of plasma neutrophil gelatinase-associated lipocalin for acute renal failure in patients with severe sepsis. *J Chin Med Assoc.* 2016;79(8):428-434. (IF=1.252 ; MEDICINE, GENERAL & INTERNAL 82/154 ; 53.2%)
20. Hsiao HF, Hu HC, Lin CW, Lee CS, Chou LT, Huang CC, **Kao KC***. Successfully supported by noninvasive ventilation for H7N9 viral pneumonia with acute respiratory distress syndrome: case report. *Resuscitation & Intensive Care Med.* 2016;1:29-33. (**Corresponding author**) (Non-SCI)
21. Chen CH, **Kao KC**, Chen MH, Huang CC, Lin HI, Chang YT, Hu HC. Pulmonary Tuberculosis-Related Acute Respiratory Distress Syndrome in a Healthy Adult Rescued by Extracorporeal Membrane Oxygenation -A Case Report and Literature Review. *Thorac Med* 2016;31:60-66. (Non-SCI)
22. **Kao KC**, Hu HC, Hsieh MJ, Tsai YH, Huang CC. Comparison of Community-acquired, Hospital-acquired, and Intensive Care Unit-acquired Acute Respiratory Distress Syndrome: A Prospective Observational Cohort Study. *Crit Care* 2015;19:384. (IF=5.358 ; CRITICAL CARE MEDICINE 6/33 ; 18.2%)
23. Hu HC, **Kao KC***, Chiu LC, Chang CH, Hung CY, Li LF, Liu TP, Lin LC, Chen NH, Huang CC, Yang CT, Lu JJ. Clinical outcomes and molecular typing of heterogenous vancomycin-intermediate Staphylococcus aureus bacteremia in ICU patients. *BMC infectious Disease* 2015;15:444. (**Co-corresponding author**) (IF=2.768 ; INFECTIOUS DISEASE 37/84 ; 44%)
24. Chen YH, Lin HL, Hsiao HF, Huang CT, **Kao KC**, Li LF, Huang CC, Tsai YH. Effects of an additional pressure support level on exercise duration in patients on prolonged mechanical ventilation. *J Formos Med Assoc.*

- 2015;1204-1210. (IF=1.969 ; MEDICINE,RESEARCH&EXPERIMENTAL ; 46/154 ; 29.9%)
25. Li LF, Lee CS, Liu YY, Chang CH, Lin CW, Chiu LC, **Kao KC**, Chen NH, Yang CT. Activation of Src-dependent Smad3 signaling mediates the neutrophilic inflammation and oxidative stress in hyperoxia-augmented ventilator-induced lung injury. *Respir Res.* 2015;16(1):112. (IF=3.841 ; RESPIRATORY SYSTEM ; 14/59 ; 23.7%)
26. Wu J, Lee YY, Su SC, Wu TS, **Kao KC**, Huang CC, Chang WC, Yang CH, Chung WH. Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis in patients with malignancy. *Br J Dermatol.* 2015;173:1224-1231. (IF=4.706 ; DERMATOLOGY; 6/63 ; 9.5%)
27. Tsai HC, Chang CH, Tsai FC, Fan PC, Juan KC, Lin CY, Yang HY, **Kao KC**, Fang JT, Yang CW, Chang SW, Chen YC. Acute respiratory distress syndrome with and without extracorporeal membrane oxygenation: a score match study. *Ann Thorac Surg.* 2015;100:458-464. (IF=3.7 ; SURGERY; 27/196 ; 13.8%)
28. **Kao KC***, Chen CB, Hu HC, Chang HC, Huang CC, Huang YC. Risk Factors of Methicillin-Resistant Staphylococcus aureus Infection and Correlation with Nasal Colonization Based on Molecular Genotyping in Medical Intensive Care Units: A Prospective Observational Study. *Medicine* 2015;94(28):e1100 **(Co-first author)** (IF=1.803 ; MEDICINE, GENERAL & INTERNAL 58/154 ; 37.7%)
29. Wu MF, Li YS, Hung CY, Chao WC, Fu ZY, **Kao KC**, Huang CC, Tsai YH, Hsieh MJ. Relapsing Polychondritis with Initial Presentations of Recurrent Negative-Pressure Pulmonary Edema and Acute Respiratory Failure. *Respir Care* 2015;60(5):e101-e104. (IF=1.733 ; RESPIRATORY SYSTEM ; 45/59 ; 76.3%)
30. Hu HC, Liu HC, Chen YH, Huang CC, Wang GH, Chou LT, Hsieh MJ, Chen NH, Yang CT, **Kao KC***. The impact of aerosolized mucolytic agents on the airflow resistance of bacterial filters used in mechanical ventilation. *J Formos Med Assoc* 2015;114:717-721. **(Corresponding author)** (IF=1.969 ; MEDICINE,RESEARCH&EXPERIMENTAL ; 46/154 ; 29.9%)
31. **Kao KC*** Hu HC, Chang CH, Hung CY, Chiu LC, Li SH, Lin SW, Chung LP, Wang CW, Li LF, Chen NH, Yang CT, Huang CC, Tsai YH. Diffuse alveolar damage associated mortality in selected acute respiratory distress syndrome. *Crit Care* 2015;15:19:228. **(First & Corresponding author)** (IF=5.358 ; CRITICAL CARE MEDICINE 6/33 ; 18.2%)
32. Wang SY, Chang CH, Hu HC, **Kao KC**, Feng PH, Hsu PC, Chiu LC, Hung CY, Chen NH, Huang CC, Yang CT, Tsai YH. Outcomes of Mechanical Ventilated

- Non-Small Cell Lung Cancer Patients Receiving Tyrosine Kinase Inhibitors in Intensive Care Units. Thorac Med 2015;30:125-133. (Non-SCI)
33. Chang CH, Tsao, KC, Hu HC, Huang CH, **Kao KC**, Chen NH, Yang CT, Tsai YH, Hsieh MJ. Procalcitonin and C-reactive protein cannot differentiate bacterial or viral infection in COPD exacerbation requiring emergency department visits. **International journal of COPD** 2015;10:767-774. (IF=3.157 ; RESPIRATORY SYSTEM 20/59 ; 33.9%)
34. Chuang MS, Liang CC, Hsiao HF, **Kao KC***. Use of a new nasal high-flow oxygen in a necrotizing pneumonia complicated by acute respiratory failure. Taiwan Crit. Care Med.2015;15:1-5. (Non-SCI) (**Corresponding author**)
35. Lin SW, Chou YT, **Kao KC**, Chuang LP, Yang CM, Hu HC, Huang CC, Yang CT, Chen NH. Immediate and Long-term Neurocognitive Outcome in Patients with Obstructive Sleep Apnea Syndrome After Continuous Positive Airway Pressure Treatment. Indian J Otolaryngol Head Neck Surg. 2015;67(suppl):S79-S85. (Non SCI)
36. Chiu LC, Tsai FC, Hu HC, Chang CH, Hung CY, Lee CS, Li SH, Lin SW, Li LF, Huang CC, Chen NH, Yang CT, Chen YC, **Kao KC***. Survival Predictors in Acute Respiratory Distress Syndrome with Extracorporeal Membrane Oxygenation. Ann Thorac Surg. 2015;99:243-250. (**Corresponding author**) (IF=3.7 ; SURGERY; 27/196 ; 13.8%)
37. Fu CM, Chang CH, Fan PC, Tsai MH, Lin SM, **Kao KC**, Tian YC, Hung CC, Fang JT, Yang CW, Chen YC. Prognosis of critically ill cirrhotic versus non-cirrhotic patients: a comprehensive score-matched study. BMC Anesthesiol. 2014;17;14:123. (IF=1.525 ; ANESTHEIOLOGY; 25/31 ; 80.6%)
38. Liu YY, Li LF, Fu JY, **Kao KC**, Huang CC, Chien Y, Liao YW, Chiou SH, Chang YL. Induced Pluripotent Stem Cell Therapy Ameliorates Hyperoxia-Augmented Ventilator-Induced Lung Injury through Suppressing the Src Pathway. PLoS One. 2014;13;9(10):e109953. (IF=2.806 ; MULTIDISCIPLINARY SCIENCES 15/64 ; 23.4%)
39. Wu MY, Lin PJ, Tseng YH, **Kao KC**, Hsiao HL, Huang CC. Venovenous extracorporeal life support for posttraumatic respiratory distress syndrome in adults: the risk of major hemorrhages. Scand J Trauma Resusc Emerg Med. 2014;2;22(1):56. (IF=2.036 ; EMERGENCY MEDICINE 7/24; 29.2%)
40. Jen LC, Li SY, **Kao KC***. Cost-effectiveness comparison of risk groups: a case study involving acute respiratory distress syndrome (ARDS). Taiwan J Public Health. 2014;33(4):445-453. (Non-SCI) (**Corresponding author**)
41. Li SH, **Kao KC**, Ho KC, Hsu PC, Chen NH, Yang CT, Liu CY. The Impact of Whole-body 18F-Fluorodeoxy-DGlucose Positron Emission Tomography -

- Computed Tomography (PET-CT) on the Staging and Outcome of Small Cell Lung Cancer Patients. Thorac Med 2014;29:127-143. (Non-SCI)
42. Li LF, Liu YY, **Kao KC**, Wu CT, Chang CH, Hung CY, Yang CT. Mechanical ventilation augments bleomycin-induced epithelial-mesenchymal transition through the Src pathway. Lab Invest. 2014;94(9):1017-1029. (IF=4.857 ; PATHOLOGY 9/79; 11.4%)
43. Hsiao HF, Lin HL, Cho LT, **Kao KC**, Tsai YH, Hsu KH. The attitudes of the respiratory therapists and associated factors toward to the care of DNR and terminal extubation patients. Journal of Respiratory Therapy 2014;13(2):1-10. (Non-SCI)
44. Hsiao CC, Chang CH, Fan PC, Ho HT, Jenq CC, **Kao KC**, Chiu LC, Lee SY, Hsu HH, Tian YC, Hung CC, Fang JT, Yang CW, Tsai FC, Chen YC. Prognosis of patients with acute respiratory distress syndrome on extracorporeal membrane oxygenation: the impact of urine output on mortality. Ann Thorac Surg. 2014; 97(6):1939-1944. (IF=3.7 ; SURGERY; 27/196 ; 13.8%)
45. Lin YF, Yang CH, Sindy H, Lin JY, Rosaline Hui CY, Tsai YC, Wu TS, Huang CT, **Kao KC**, Hu HC, Chiu CH, Hung SI, Chung WH. Severe cutaneous adverse reactions related to systemic antibiotics. Clin Infect Dis. 2014;58(10):1377-1385. (IF=8.216 ; INFECTIOUS DISEASE; 4/84 ; 4.8%)
46. Li LF, Lai YT, Chang CH, Lin MC, Liu YY, **Kao KC**, Tsai YH. Neutrophil elastase inhibitor reduces ventilation-induced lung injury via nuclear factor- κ B and NF- κ B repressing factor in mice. Exp Biol Med (Maywood). 2014;11;239(8):1045-1057. (IF=2.688 MEDICINE, RESEARCH & EXPERIMENTAL; 59/128 ; 46.1%)
47. Huang CW, Kuo KT, Lin CM, Shih CW, **Kao KC**, Huang CT. Clinical presentation. Thorax. 2013;68(10):980-1. (IF=8.272 ; RESPIRATORY SYSTEM; 4/59 ; 6.8%)
48. Lee CS, Chen CH, **Kao KC**, Lin SY, Chiu LC, Liu CY, Chen NH, Huang CC, Tsai YH, Yang CT. Comparison with of Weekly Vinorelbine and Weekly Docetaxel, Each with Cisplatin for Locally Advanced Non-Small Cell Lung Cancer in Patients with Concurrent Chemoradiotherapy. Thorac Med 2013;28:260-69. (Non-SCI)
49. Lin SW, Chen YL, **Kao KC**, Yang CT, Chuang LP, Chou YT, Lai SC, Chen RS, Chen NH. Diseases in coming to a sleep center with symptoms related to restless legs syndrome. PLoS One. 2013;19;8(8):e71499. (IF=2.806 ; MULTIDISCIPLINARY SCIENCES 15/64 ; 23.4%)
50. Li JM, **Kao KC**, Li LF, Yang TM, Wu CP, Hirng YM, Jia WW, Yang CT. MicroRNA-145 regulates oncolytic herpes simplex virus-1 for selective

- killing of human non-small cell lung cancer cells. *Virol J.* 2013;22:10(1):241. (IF=2.139 ; VIROLOGY; 20/33 ; 60.6%)
51. Liu YY, Li LF, Yang CT, Lu KH, Huang CC, **Kao KC**, Chiou SH. Suppressing NF- κ B and NKRF Pathways by induced Pluripotent Stem Cell Therapy in Mice with Ventilator-Induced Lung Injury. *PLoS One.* 2013;26;8(6):e66760. (IF=2.806 ; MULTIDISCIPLINARY SCIENCES 15/64 ; 23.4%)
52. Chang CH, **Kao KC***, Hu HC, Hung CY, Li LF, Wu CY, Wang CW, Fu JY, Huang CC, Chen NH, Yang CT, Tsai YH. The utility of surgical lung biopsy in cancer patients with acute respiratory distress syndrome. *J Cardiothorac Surg.* 2013;16;8(1):128. (**Co-first author**) (IF=1.1 ; CARDIAC & CARDIOVASCULAR SYSTEM; 109/126 ; 86.5%)
53. Chiu LC, Huang TH, **Kao KC**, Lee CS, Huang CC, Yu CT, Chen NH, Yang CT, Tsai YH, Liu CY. Continuous Epidermal Growth Factor Receptor Tyrosin Kinase Inhibitor Treatment Not Hinder the Survival of Patients with Primary Lung Cancer Adenocarcinoma despite Indolent New Lesions. *Thorac Med* 2013; 28:73-88. (Non-SCI)
54. Hsu PC, Chen CH, Ho KC, Wu YC, **Kao KC**, Liu CY, Chang WC, Tsai YH, Yang CT. Efficacy Comparison of Conventional Computed Tomography and Whole-Body 18F-Fluorodeoxyglucose Positron Emission Tomography for Staging in Non-Small Cell Lung Cancer Patients. *Thorac Med* 2013;28:8-17. (Non-SCI)
55. Li LF, Liu YY, Yang CT, Chien Y, Twu NF, Wang ML, Wang CY, Huang CC, **Kao KC**, Hsu HS, Wu CW, Chiou SH. Improvement of ventilator-induced lung injury by IPS cell-derived conditioned medium via inhibition of PI3K/Akt pathway and IP-10-dependent paracrine regulation. *Biomaterials.* 2013;34(1):78-91. (IF=8.402 ; ENGINEERING, BIOMEDICAL; 2/77 ; 2.6%)
56. Yang WC, Chen YT, Chang WW, Chang CH, Fan PC, Lee SY, **Kao KC**, Tian YC, Hung CC, Fang JT, Yang CW, Chen YC, Wang PN. Outcome predictors of allogeneic hematopoietic stem cell transplant. *Am J Med Sci.* 2013;345(1):33-38. (IF=1.847 ; MEDICINE, GENERAL & INTERNAL; 55/154 ; 35.7%)
57. Chiu LC, Su IH, **Kao KC**, Liu CY, Yang CT, Huang CD. Chronic obstructive pulmonary disease with acute respiratory failure and an incidental finding of tracheobronchomalacia: A case report. *Thorac Med* 2012;27:349-356. (Non-SCI)

58. Lin JI, **Kao KC**, Wang CW, Liu CY, Yang CT, Chiu KC. A Very Rare Case of Combined Pleomorphic Carcinoma and Small Cell Lung Carcinoma: A Case Report. Thorac Med 2012;27:276-281. (Non-SCI)
59. Huang CC, Chen NH, Li LF, Yang CT, Hsiao HF, Chen YH, Lin HL, **Kao KC***. Effects of cardiac output levels on the measurement of transpulmonary thermodilution cardiac output in patients with acute lung injury. J Trauma Acute Care Surg. 2012;73(5):1236-1241. (Corresponding author) (IF=3.403 ; SURGERY 33/196 ; 16.8%)
60. Li LF, **Kao KC**, Yang CT, Huang CC, Liu YY. Ethyl pyruvate reduces ventilation-induced neutrophil infiltration and oxidative stress. Exp Biol Med. 2012;1;237(6):720-727. (IF=2.688 ; MEDICINE, RESEARCH & EXPERIMENTAL 59/128 ; 46.1%)
61. Hung CY, Wang PN, Hu HC, Huang CC, Hsieh MJ, Yang CT, Tsai YH, **Kao KC***. Comparison between transbronchial biopsy and open lung biopsy in ventilated patients with diffuse pulmonary infiltrates after hematopoietic stem cell transplantation. Thorac Med 2012;27:131-142. (Corresponding author) (Non-SCI)
62. Wu CY, Hu HC, Ko PJ, Fu JY, Wu CF, Liu YH, Li HJ, Kao CC, **Kao KC**, Yu SY, Chang CJ, Hsieh HC*. Risk factors and possible mechanisms of superior vena cava intravenous port malfunction. Ann Surg 2012;255(5):971-975. (IF=8.98 ; SURGERY 1/196 ; 0.5%)
63. Hung CY, **Kao KC**, Wang PW, Hu HC, Hsieh MJ, Fu JY, Li LF, Huang CC, Tsai YH, Yang CT. Invasive fungal infection among hematopoietic stem cell transplantation patients with mechanical ventilation in the intensive care unit. BMC Infect Dis. 2012;18;12:44. (Co-first author) (IF=2.768 ; INFECTIOUS DISEASE 37/84 ; 44%)
64. Huang CH, Hu HC, Hsieh MJ, Huang CT, Cho HY, Hsiao HF, Yang CT, Tsai YH, Huang CC, **Kao KC***. High-frequency oscillatory ventilation as rescue modality for refractory hypoxemia in transfusion-related acute lung injury. Resp Care 2012;57(5):798-801. (Corresponding author) (IF=1.733 ; RESPIRATORY SYSTEM 45/59 ; 76.3%)
65. Chen YH, Lin HL, Hsiao HF, Chou LT, **Kao KC**, Huang CC, Tsai YH. Effects of exercise training on pulmonary mechanics and functional status in patient with prolonged mechanical ventilation. Respir Care 2012;57(5):723-734. (IF=1.733 ; RESPIRATORY SYSTEM 45/59 ; 76.3%)
66. **Kao KC**, Yang CT, Hu HC, Ting HC, Huang CT, Chou LT, Hsiao HF, Li LF, Tsai YH, Huang CC. Resolution of Organ Functional Scores to Predict the Outcomes in Adult Acute Respiratory Distress Syndrome Patients

- Receiving High-frequency Oscillatory Ventilation. *J Trauma*. 2011;71(6):1536-1542. (IF=3.403 ; SURGERY 33/196 ; 16.8%)
67. **Kao KC**, Hu HC, Fu JY, Hsieh MJ, Wu YK, Chen YC, Chen YH, Huang CC, Yang CT, Tsai YH. Renal replacement therapy in prolonged mechanical ventilation patients with renal failure in Taiwan. *J Crit Care*. 2011;26(6):600-607. (IF=2.648 ; CRITICAL CARE MEDICINE 15/33 ; 45.5%)
68. Li LF, Yang CT, Huang CC, Liu YY, **Kao KC**, Lin HC. Low-molecular-weight heparin reduces hyperoxia-augmented ventilator-induced lung injury via serine/threonine kinase-protein kinase B. *Resp Res*. 2011;12(1):90. (IF=3.841 ; RESPIRATORY SYSTEM 14/59 ; 23.7%)
69. Li LF, Huang CC, Liu YY, Lin HC, **Kao KC**, Yang CT, Liao SK. Hydroxyethyl starch reduces high stretch ventilation-augmented lung injury via vascular endothelial growth factor. *Transl Res*. 2011;157(5):293-305. (IF=4.652 ; MEDICINE, GENERAL, INTERNAL 17/154; 11%)
70. Huang CC, **Kao KC**, Fu JY, Hsieh MJ. Effects of extravascular lung water on the measurement of transpulmonary thermodilution cardiac output in acute respiratory distress syndrome patients. *J Cardiothorac Vasc Anesth* 2011;25(3):481-485. (IF=1.699 ; ANESTHESIOLOGY 21/31; 67.7%)
71. Hung CY, Hu HC, Huang CC, Hsieh MJ, Yang CT, **Kao KC***. Severe acute respiratory distress syndrome caused by influenza B virus in a healthy adult. *Thorac Med* 2011;26:147-152. (Corresponding author) (Non-SCI)
72. Chiu CF, Huang CH, Tzeng CH, Chang CS, Liu CY, Wu CL, Hung CC, Liu CC, Huang CT, Lee CY, Yu CJ, Huang CC, Lee CM, Chang FY, Wang FD, Huang FY, Hung GY, Kung HC, Lin HH, Tien HF, Chen JS, Tang JL, Young JH, Lin J, Yang KY, **Kao KC**, Kwen-Tay Luh KT, Lee-Yung Shih LY, Liang-Tsai Hsiao LT, Lih-Shinn Wang LS, Huang LM, Chang MC, Yen MY, Lee PI, Dunn P, Chen PM, Hsueh PR, Po-Yen Chen PY, Huang PY, Chang SC, Lin SF, Ku SC, Yang SP, Hsieh SM, Chen TY, Chao TY, Chiou TJ, Lin TY, Hsieh WC, Hwang WS, Chen WT, Ko WC, Hwang WL, Lee WS, Wong WW, Kao WY, Chen YC, Chen YC, Lau YJ, Huang YC, Chuang YC, Tsai YH, Yu YB, Chan YJ, Liu YC. Guidelines for the use of antifungal agents in patients with invasive fungal infections in Taiwan--revised 2009. *J Microbiol Immunol*. 2010;43(3):258-263. (IF=2.973 ; MICROBIOLOGY 49/124; 39.5%)
73. **Kao KC**, Lin CY, Tian YC, Jenq CC, Chang MY, Chen YC, Fang JT, Huang CC, Tsai YH, Yang CW. Outcome scoring system for ARDS. *SHOCK* 2010;34(4):352-357. (Co-first authors) (IF=3.113 ; SURGERY 40/196 ; 20.4%)

74. Wu YK, Tsai YH, Lan CC, Huang CY, Lee CH, Kao KC, Fu JY. Prolonged mechanical ventilation in a respiratory care setting: a comparison of outcome between tracheostomized and translayangeal intubated patients. Crit Care 2010;14(2):R26. (IF=5.358 ; CRITICAL CARE MEDICINE 6/33 ; 18.2%)
75. Huang CC, Kao KC, Hsu KH, Ko HW, Li LF, Hsieh MJ, Tsai YH. Effects of Hydroxyethyl Starch Resuscitation on Extravascular Lung Water and Pulmonary Permeability in Sepsis-Related Acute Respiratory Distress Syndrome. Crit Care Med 2009;37(6):1948-1955. (IF=7.05 ; CRITICAL CARE MEDICINE 4/33 ; 12.1%)
76. Wu YK, Kao KC, Hsu KH, Hsieh MJ, Tsai YH. Predictors of successful weaning from prolonged mechanical ventilation in Taiwan. Respir Med 2009;103(8):1189-1195. (IF=3.217 ; RESPIRATORY SYSTEM 19/59 ; 32.2%)
77. Lin CY, Kao KC, Tian YC, Jenq CC, Chang MY, Chen YC, Fang JT, Huang CC, Tsai YH, Yang CW. Respiration. The RIFLE Score Increases the Accuracy of Outcome Prediction in Patients with Acute Respiratory Distress Syndrome Undergoing Open Lung Biopsy. Respiration 2009;77(4):398-406. (IF=2.772 ; RESPIRATORY SYSTEM 25/59 ; 42.4%)
78. Huang CC, Fu JY, Hu HC, Kao KC, Chen NH, Hsieh MJ, Tsai YH. Prediction of fluid responsiveness in acute respiratory distress syndrome patients ventilated with low tidal volume and high positive end-expiratory pressure. Crit Care Med. 2008;36(10): 2810-2816. (IF=7.05 ; CRITICAL CARE MEDICINE 4/33 ; 12.1%)
79. Kao KC, Huang CC, Tsai YH. The role of high-frequency oscillatory ventilation in adult patients with acute respiratory distress syndrome. Taiwan Crit Care Med. 2008;9:126-132. (Non-SCI)
80. Fu JY, Cheng CH, Kao KC, Chen NH, Tsai YH, Huang CC. Comparison of New Impedance Cardiography versus Ventricular Angiography in Measuring Hemodynamic Variables. Thorac Med 2008;23:73-80. (Non-SCI)
81. Yang CM, Wang CL, Kao KC, Wu YK, Tsai YH. Outcome of hematopoietic stem cell recipients who were mechanically ventilated and admitted to intensive care units. J Formos Med Assoc 2007;106 (4):295-301. (IF=1.969 ; MEDICINE,RESEARCH&EXPERIMENTAL ; 46/154 ; 29.9%)
82. Chen CH, Lin CH, Kao KC, John WC Chang, Thomas CY, Tsao. Phase II Study of a Biweekly Regimen of Vinorelbine and Cisplatin in Advanced Non-Small Cell Lung Cancer. Chang Gung Med J. 2007;30(3):249-255. (Non-SCI)

83. Chou YT, Wang CL, **Kao KC**, Wu YK, Tsai YH. High Altitude Pulmonary Edema in a Patient with Previous Pneumonectomy. *J Formos Med Assoc* 2007;106(4):320-322. (IF=1.969 ; MEDICINE, RESEARCH & EXPERIMENTAL ; 46/154 ; 29.9%)
84. Fu JY, **Kao KC**, Hu HC, Hsieh MJ, Huang CC. A Case of Fatal Acute Pulmonary Edema due to Unrecognized Peripartum Cardiomyopathy. *Thorac Med* 2007;22:66-72. (Non-SCI)
85. Chen NH, Wang PC, Hsieh MJ, Huang CC, **Kao KC**, Chen YH, Tsai YH. The impact of sever acute respiratory syndrome (SARS) to the global health status of health care worker in Taiwan. *Infection Control and Hospital Epidemiology* 2007;28(1):75-79. (IF=3.55 ; PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH ; 28/176 ; 15.9%)
86. **Kao KC**, Wu YK, Huang CC, Hsieh MJ, Tsai YH. Recurrent Life Threatening massive Hemoptysis as a Presentation of Pulmonary Actinomycosis. *Chang Gung Med J* 2006;29(4 Suppl):66-70. (Non-SCI)
87. **Kao KC**, Tsai YH, Wu YK, Huang CT, Shi MJ, Huang CC. High Frequency Oscillatory Ventilation for Surgical Patients with Acute Respiratory Distress Syndrome. *J Trauma*. 2006;61:837-843. (IF=3.403 ; SURGERY 33/196 ; 16.8%)
88. **Kao KC**, Tsai YH, Huang CC. AIP or ARDS? Not just semantics. *Crit Care* 2006;10:423. (IF=5.358 ; CRITICAL CARE MEDICINE 6/33 ; 18.2%)
89. **Kao KC**, Tsai YH, Wu YK, Chen NH, Hsieh MJ, Huang SF, CHuang CC. Open lung biopsy in early-stage acute respiratory distress syndrome. *Crit Care*. 2006;19;10(4):R106. (IF=5.358 ; CRITICAL CARE MEDICINE 6/33 ; 18.2%)
90. Wan YL, Kuo HP, Tsai YH, Wu YK, Wang CH, Liu CY, **Kao KC**, Ko SF. Eight Cases of Severe Acute Respiratory Syndrome Presenting as Round Pneumonia. *Am J Roentgenol* 2004;182:1567-1570. (IF=2.778 ; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGINE 33/126; 26.2%)
91. Hung MS, **Kao KC**, Tsai YH, Lee CH, Huang CC. Successful Conservative Treatment for a large Tracheal Laceration Caused by Endotracheal Cuff Overinflation. *Thorac Med* 2004;19:484-490. (Non-SCI)
92. Lin CM, Tsai YH, Huang CC, **Kao KC**, Lin CK, Thomas Tsao CY. Relapsing Polychondritis with Acute Respiratory Failure – A case Report. *Thorac Med* 2002; 17:35-39. (Non-SCI)
93. Chen YC, Hsu HH, **Kao KC**, Fang JT, Huang CC. Outcomes and APACHE II predictions for critically ill patients with acute renal failure requiring dialysis. *Renal Failure* 2001;23(1):61-70. (IF=0.79 ; UROLOGY & NEPHROLOGY 69/76 ; 90.8%)

94. 94. **Kao KC**, Tsai YH, Lin MC, Huang CC, Thomas Tsao CY, Chen YC. Hypokalemic muscular paralysis causing acute respiratory failure due to rhabdomyolysis with renal tubular acidosis in a chronic glue sniffer. Clinical Toxicology 2000;38(6):679-684. (IF=3.677 ; TOXICOLOGY 19/92 ; 20.7%)
95. 95. **Kao KC**, Huang CC, Tsai YH, Lin MC, Thomas Tsao CY. Hyperkalemic Cardiac Arrest Successfully Reversed by Hemodialysis During Cardiopulmonary Resuscitation: Case Report. Chang Gung Med J 2000;23(9):555-559. (Non-SCI)