

SCI, SSCI, or EI paper; “*” corresponding author

Publications:

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1. Hsu HJ, Chang HT, Zhao Z, Wang PH, Zhang JH, Chen YS, Frerichs I, Moeller K, Fu F, Hsu HS, Chuang SP, Hsia HY, **Yen, D.H.T.*** (2021) Positive end-expiratory pressure titration with electrical impedance tomography and pressure-volume curve: a randomized trial in moderate to severe ARDS. *Physiol Meas.* (accepted) (2019 JCR; IF: 2.309, 43/81, 排名 53.1%)
2. Chang, J.C.Y., Yang, C., Lai, L.L., Chen, Y.J., Huang, H.H., Fan, J.S., Hsu, T.F., **Yen, D.H.T.*** (2020) Differences in characteristics, end-of-life and outcomes between acute critical ill ED patients with early and late do-not-resuscitate orders. *Int J Environ Res Public Health.* (Accepted) (2019 JCR; IF: 2.681, 34/102, 排名 33.3%)
3. Huang, H.H., Chang, J.C.Y., Liu, H.C., Yang, Z.Y., Yang, Y.J., Chen, L.K., **Yen, D.H.T.*** (2020) Handgrip strength, tumor necrosis factor-, interleukin-6, and visfatin levels in oldest patients with cognitive impairment. *Exp Gerontol.* 2020 Dec;142:111138. doi: 10.1016/j.exger.2020.111138. Epub 2020 Oct 26. (2019 JCR; IF: 3.376, 19/51, 排名 37.3%)
4. Huang, H.H., Chang, J.C.Y., Tseng, C.C., Yang, Y.J., Fan, J.S., Chen, Y.C., Peng, L.N., **Yen, D.H.T.*** (2020) Comprehensive geriatric assessment in the emergency department for the prediction of readmission among elderly patients: A 3-month follow-up study. *Arch Geront Geriatrics* 2021 Jan-Feb;92:104255. doi: 10.1016/j.archger.2020.104255. Epub 2020 Sep 13. PMID: 32966944 (2019 JCR; IF: 2.128, 34/51, 排名 66.7%)
5. Chang, J.C.Y., Chen, Y.H., Lin, M.C., Li, Y.J., Hsu, T.F., Huang, H.H., **Yen, D.H.T.*** (2020) Emergency department response to COVID-19 outbreak with a fever screening stations, a “graded approach” for isolation and testing. *J Chin Med Assoc.* (Accepted). (2019 JCR; IF: 2.170, 42/165, 排名 25.5%)
6. Chang, J.C.Y., Yang, C., Huang, H.H., Fan, J.S., Lin, M.H., Hsu, T.F., **Yen, D.H.T.*** (2020) Effect of do-not-resuscitate orders on the end-of-life care and outcome of palliative-care-consultation eligible ED patients- a prospective, observational and propensity score-matched study in a tertiary medical center in Taiwan. *J Formos Med Assoc.* (submitted) (2019 JCR; IF:3.008, 63/165, 排名 38.2%)
7. Chen, C.T., Chen, C.H., Chen, T.Y., **Yen, D.H.T.,** How, C.K., Hou, P.C. (2020) Comparison of in-hospital and out-of-hospital cardiac arrest patients receiving targeted temperature management: a matched case-control study. *J Chin Med*

- Assoc. 83; 858-864. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
8. Ma, H., Tung, K.Y., Tsai, S.L., Neil, D., Lin, Y.Y., **Yen, D.H.T.**, Lin, K.L., Cheng, Y.T., Kao, S.C., Lin, M.N., Dai, N.T., Perng, C.K., Wang, T.G., Tai, H.C., Chen, G., Tuan, Y.C., Lin C.H. (2020) Assessment and determinants of global outcomes among 445 mass-casualty burn survivors: a 2-year retrospective cohort study in Taiwan. *Burn Jun 1:S0305-4179(19)30074-9*. doi: 10.1016/j.burns.2020.02.008. Online ahead of print. (2019 JCR; IF: 2.066, 92/210, 排名 43.8%)
 9. Yang, C., Yang, T.T., Tsou, Y.J., Lin, M.H., Fan, J.S., Huang, H.H., Tsai, M.C., **Yen, D.H.T.*** (2020) Initiating palliative care consultation for acute critically ill patients in the emergency department (ED) intensive care unit. *J Chin Med Assoc 83: 500-506*. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
 10. Tung, W.Y., Chang, J.C.Y., Deng, C.Y., Shih, Y.S., **Yen, D.H.T.*** (2020) Impact of a routine neurosurgical dispatch on emergency air medical transport and outcome of patient with intracranial hemorrhage. *J Formos Med Assoc 119;524-531* (2019 JCR; IF: 3.008, 42/165, 排名 25.5%)
 11. Kao, C.C., **Yen, D.H.T.**, Lee, Y.T. (2019) Hiccups as the only symptom of acute myocardial infarction. *Am J Emerg Med 2019 Apr 12*. pii: S0735-6757(19)30243-8. doi: 10.1016/j.ajem.2019.04.023. [Epub ahead of print] (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
 12. Liu, C.C., Chou, K.T., Hsu, J.W., Lin, J.H., Hsu, T.W., **Yen, D.H.T.**, Hung, S.C., Hsu, H.S. (2019) High metabolic rate and stem cell characteristics of esophageal cancer stem-like cells depend on the Hsp27-AKT-HK2 pathway. *Int J Cancer 2019;145:2144-2156*. [Epub ahead of print] (2019 JCR; IF: 5.145, 59/244, 排名 24.2%)
 13. Chung, M.H., Hsiao, C.Y., Nian, N.S., Chen, Y.C., Wang, C.Y., Wen, Y.S., Shih, H.C., **Yen, D.H.T.** (2018) The benefit of ultrasound in deciding between tube thoracostomy and observative management in hemothorax resulting from blunt chest trauma. *World J Surg 42: 2054-2060*. (2019JCR; IF: 2.234, 80/210, 排名 38.1%)
 14. Yeh, Y.T., Chen, M.H., Chang, J.C., Fan, J.S., **Yen, D.H.T.**, Chen, Y.C. (2018) *Protobothrops mucrosquamatus* bites to the head: clinical spectrum from case series. [Am J Trop Med Hyg](#). 2018 Sep;99(3):753-755. doi: 10.4269/ajtmh.18-0220. Epub 2018 Jun 21. (2019 JCR; IF: 2.126, 9/23 排名 39.1%)
 15. Chang, J.C., Yuan, Z.H., Lee, I.H., Hsu, T.F., How, C.K., **Yen, D.H.T.**, (2018) Pattern of non-trauma emergency department resource utilization in older adults: An 8-year experience in Taiwan. *J Chin Med Assoc. 2018 Jun;81(6):552-558*. doi: 10.1016/j.jcma.2017.10.008. Epub 2018 Feb 1. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)

16. Chen, C.H., Ma, S.H., Hu, S.Y., Chang, C.M., Chiang, J.H., Hsieh, V.C., **Yen D.H.T.**, How, C.K., Hsieh, M.S. (2018) Diabetes shared care program (DSCP) and risk of infection mortality: a nationwide cohort study using administrative claims data in Taiwan. *BMJ Open* 2018; Jul 12:8(7):e021382. doi: 1136/bmjopen-2017-021382. (2019 JCR; IF: 2.496, 52/165, 排名 31.5%)
17. Chang, S.I., Tsai, M.D., **Yen, D.H.T.**,* Hsieh, C.T. (2018) The clinical predictors of shunt-dependent hydrocephalus following aneurysmal subarachoid hemorrhage. *Turk Neurosurg* 28; 36-42. (2019 JCR; IF: 0.963, 181/210, 排名 86.2%)
18. Chen, C.H., **Yen, D.H.T.**,* (2018) Elderly woman with vomiting. *Ann Emerg Med* 71;e3-e4. (2019 JCR; IF: 5.799, 1/31, 排名 3.2%)
19. Chang, C.M., Hsieh, M.S., Yang, T.C., Hsieh, C.R., Chiang, J.H., Huang, H.H., How, C.K., Hu, S.Y., **Yen, D.H.T.**, (2017) Selective serotonin reuptake inhibitor and the risk of hepatocellular carcinoma in hepatitis B virus infected patients. *Cancer Manag. Research* 9:709-720. (2019 JCR; IF: 2.886, 145/244, 排名 59.4%)
20. Seak, C.J., **Yen, D.H.T.**, Ng, C.J., Wong, Y.C., Hsu, K.H., Seak, C.Y.J., Chen, H.Y., Seak, C.K. (2017) A Novel prognostic tool for predicting the outcomes of adult patients with hepatic portal venous gas in the emergency department. *PLoS One* 12(9): e 0184813. (2019 JCR; IF: 2.740, 27/71, 排名 38.0%)
21. Chang, J.C.Y., Huang, H.H., Chang, S.H., Lee, S.S., Chen, Y.R., Fan, J.S., Chen, Y.C., **Yen, D.H.T.**,* Huang, M.S. (2017) Clinical predictors of outcomes in patients undergoing emergency air medical transport from Kinmen to Taiwan. *Medicine* 96(44): e8440. (2019 JCR; IF: 1.552, 89/165, 排名 53.9%)
22. Huang, W.Y., Kuo, B.I.T., Chen, C.C., Sun, F.J., **Yen, D.H.T.**,*(2017) Comparative analysis of different methods of pain management for elderly patients in the surgical intensive care unit. *International J Gerontol* (2019 JCR; IF: 1.016, 48/51, 排名 94.1%)
23. Fan, J.S., Huang, H.H., Chen, Y.C., How, C.K., **Yen, D.H.T.**,* (2017) Emergency department DNT order in patients with spontaneous intracerebral hemorrhage. *Am J Emerg Med* 35; 1850-1854. (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
24. Chen, C.L., **Yen, D.H.T.**, Lin, C.S., Tsai, S.H., Chen, S.J., Sheu, W.H.H., Hsu, C.W. (2017) Glycated hemoglobin level is an independent predictor of major adverse cardiac events after nonfatal acute myocardial infarction in nondiabetic patients: a retrospective observational study. *Medicine* 96(18): e6743 (2019 JCR; IF: 1.552, 89/165, 排名 53.9%)
25. Fan, J.S., Chen, Y.C., Huang, H.H., **Yen, D.H.T.**,* How, C.K., Huang, M.S. (2017) Interhospital transfer neurological deterioration in patients with spontaneous intracerebral haemorrhage: incidence and risk factors. *Postgrad Med J* 93;349-353 (2019 JCR; IF: 1.911, 76/165, 排名 46.1%)

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27. Tsuang, F.Y., Lin, Y.T., **Yen, D.H.T.**, Teng, L.J., Tsai, J.C. (2017) Rapid identification of *Streptococcus intermedius* by multiplex polymerase chain reaction 1 week before culture positivity in a patient with antibiotic-treated thalamic brain abscess. *J Microbiol Immunol Infect* 50; 549-551 (2019 JCR; IF: 3.493, 48/136, 排名 35.3%)
28. Liao, K.H., Wang, J.Y., Lin, H.W., Lui, T.N., Chen, K.Y., **Yen, D.H.T.**, Jeng MJ. (2016) Risk of death in patients with post-traumatic cerebrospinal fluid leakage- Analysis of 1773 cases. *J Chin Med Assoc* 79; 58-64 (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
29. Chen CT, Chiu PC, Tang CY, Lin YY, Lee YT, How CK, **Yen, D.H.T.**, Huang MS. (2016) Prognostic factors for survival outcome after in-hospital cardiac arrest: An observational study of the oriental population in Taiwan. *J Chin Med Assoc.* 79; 11-16 (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
30. Fan, J.S., Chen, Y.C., Huang, H.H., How, C.K., **Yen, D.H.T.*** Huang, M.S. (2015) The association between on-scene blood pressure and early neurologic deterioration in patients with spontaneous intracranial hemorrhage. *Emerg Med J* 32: 239-243. (2019 JCR; IF: 2.491, 7/31, 排名 22.6%)
31. Huang, J.W., Lin, Y.Y., Wu, N.Y., **Yen, D.H.T.*** (2015) A novel endoscopic-assisted harvesting of pedicled free-style fasciocutaneous flaps. *Medicine* 94: e592. (2019 JCR; IF: 1.552, 89/165, 排名 53.9%)
32. Chen, Y.C., Huang, H.H., Fan, J.S., Chen, M.H., Hsu, T.F., **Yen, D.H.T.**,* Huang, M.S., Wang, C.Y., Huang, C.I., Lee, C.H., (2015) Comparing characteristics of adverse drug events between older and younger adults presenting to a Taiwan emergency department. *Medicine* 94: e547. (2019 JCR; IF: 1.552, 89/165, 排名 53.9%)
33. Seak, C.J., Ng, C.J., **Yen, D.H.T.**, Wong, Y.C., Hsu, K.H., Seak, J.C., Seak, C.K. (2014) Performance assessment of the Simplified Acute Physiology Score II, the Acute Physiology and Chronic Health Evaluation II score, and the Sequential Organ Failure Assessment score in predicting the outcomes of adult patients with hepatic portal venous gas in the ED. *Am J Emerg Med* 32; 1481-1484. (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
34. Huang, H.H., Fan, J.S., Chen, Y.C., **Yen, D.H.T.*** (2014) Coordination between medical care providers and information technology resources in the management of patients with suicide attempts attending the emergency department. *J Chin Med*

- Assoc* 77: 275-276 (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
35. Chen, Y.C., **Yen, D.H.T.**, Chen, Y.W., Huang, M.S., Huang, C.I., Chen, M.H. (2014) Toxin Ophthalmia by the nuchal gland secretion of Taiwan Tiger Keelback (*Rhabdophis Tigrinus Formosanus*) *J Formosan Med Assoc* 10: 750-753. (2019 JCR; IF: 3.008, 42/165, 排名 25.5%)
 36. Seak, C.J., Hsu, K.H., Wong, Y.C., Ng, C.J., **Yen, D.H.T.**,* Seak, J.C., Seak, C.K. (2014) The prognostic factors of adult patients with hepatic portal venous gas in the emergency department. *Am J Emerg Med* 32;972-975. (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
 37. Lee, M.R., Ko, J.C., Liang, S.K., Lee, S.W., **Yen, D.H.T.**, Hsueh, P.R. (2014) Bacteraemia caused by mycobacterium abscessus subsp. Abscessus and M. abscessus subsp. Bolletii: Clinical features and susceptibilities of the isolates. *Int J Antimicrob Agents* 43: 438-441. (2019 JCR; IF: 4.621, 15/92, 排名 16.3%)
 38. Tsai, J.C.H., Weng, S.J., Huang, C.Y., **Yen, D.H.T.**, Chen, H.L. (2014) Feasibility of using the predisposition, insult/infection, physiological response, and organ dysfunction concept of sepsis to predict the risk of unplanned intensive care unit transfer after emergency department admission. *J Chinese Med Assoc.* 77: 133-141. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
 39. Tsai, J.C.H., Cheng, C.W., Weng, S.J., Huang, C.Y., **Yen, D.H.T.**, Chen, H.L. (2014) Comparison of risks factors for unplanned ICU transfer after ED admission in patients with infections and those without infections. *ScientificWorldJournal J* (2019 JCR; IF: 1.460, 13/59, 排名 22.0%)
 40. Chen, Y.C., Fan, J.S., Chen, M.H., Hsu, T.F., Huang, H.H., Cheng, K.W., **Yen, D.H.T.**,* Huang, C.I., Chen, L.K., Yang, C.C., (2014) Risk factors associated with adverse drug events among older adults in emergency department. *Euro J Intern Med* 25: 49-55. (2019 JCR; IF: 4.329, 26/165, 排名 15.8)
 41. Lee, M.R., Yang, C.Y., Chang, K.P., Keng, L.T., **Yen, D.H.T.**, Wang, J.Y., Wu, H.D., Lee, L.N., Yu, C.J. (2013) Factors associated with lung function decline in patients with non-tuberculous mycobacterial pulmonary disease. *PloS One* 8:e58214. (2019 JCR; IF: 2.740, 27/71, 排名 38.0%)
 42. Tseng, C.Y., Chiu, Y.H., Chuang, J.L., Chen, J.D., Huang, H.H., How, C.K., **Yen, D.H.T.**,* Huang, M.S. (2013) How to differentiate spontaneous intramural intestinal hemorrhage from acute mesenteric ischemia. *Am J Emerg Med* 31: 1586-1590. (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
 43. Huang, M.K., Hsu, T.F., Chiu, Y.H., Chiang, S.C., Kao, W.F., **Yen, D.H.T.**,* Huang, M.S. (2013) Risk factors for acute kidney injury in the elderly undergoing contrast-enhanced computed tomography in the emergency department. *J Chin Med Assoc.* 76: 271-276. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)

44. Lee, I.H., How, C.K., Lu, W.H., Tzeng, Y.M., Chen, Y.J., Chern, C.H., Kao, W.F., **Yen, D.H.T.**, Huang, M.S. (2013) Improved survival outcome with continuous compressions with ventilation compared to 5:1 compressions-to-ventilations mechanical cardiopulmonary resuscitation in out-of-hospital cardiac arrest. *J Chin Med Assoc.* 76: 158-163. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
45. Su, P.H., How, C.K., **Yen, D.H.T.**, Huang, M.S. (2012) Melanonychia secondary to hydroxyurea. *Intern Emerg Med* 7: 289-90. (2019 JCR; IF: 2.322, 59/165, 排名 35.8%)
46. Hsu, T.F., Huang, M.K., Yu, S.H., **Yen, D.H.T.**,* Kao, W.F., Chen, Y.C., Huang, M.S. (2012) N-acetylcysteine for the prevention of contrast-induced nephropathy in the emergency department. *Intern Med* 51: 2709-2714 (2019 JCR; IF: 1.005, 121/165, 排名 73.3%)
47. Peng, C.Z., How, C.K., Wang, C.Y., **Yen, D.H.T.**, Huang, M.S. (2012) Unusual penetrating preauricular injury by firework rocket. *Intern Emerg Med* 7: 85-86. (2019 JCR; IF: 2.322, 59/165, 排名 35.8%)
48. Chen, Y.C., Fan, J.S., Hsu, T.F., Chen, M.H., Huang, H.H., Cheng, K.W., **Yen, D.H.T.**,* Huang, M.S., Lee, C.H., Chen, L.K., Yang, C.C. (2012) Detection of Patients presenting with adverse drug events in the emergency department. *Intern Med J* 42: 651-657 (2019 JCR; IF: 1.677, 86/165, 排名 52.1%)
49. Chiu, Y.H., Hou, S.K., Chen, S.C., How, C.K., Lam, C., Kao, W.F., **Yen, D.H.T.**, Huang, M.S. (2012) Diagnosis and endoscopic management of upper gastrointestinal foreign bodies. *Am J Med Sci* 343: 192-195 (2019 JCR; IF: 1.911, 76/165, 排名 46.1%)
50. Fan, J.S., Huang H.H., Chen, Y.C., **Yen, D.H.T.**,* Kao, W.F., Huang, M.S., Huang, C.I., Lee, C.H. (2012) Emergency Department Neurologic Deterioration in Patients with Spontaneous Intracerebral Hemorrhage: Incidence, Predictors, and Prognostic Significance. *Acad Emerg Med* 19: 133-138 (2019 JCR; IF: 3.064, 6/31, 排名 19.4%)
51. **Yen D.H.T.**, Chen, L.C., Shen, Y.C., Chiu, Y.C., Ho, I.C., Lou, Y.J., Chen, I.C., Yen, J.C. (2011) Protein kinase A-dependent neuronal nitric oxide synthase activation mediates the enhancement of baroreflex response by adrenomedullin in the nucleus tractus solitarii of rats. *J Biomed Sci* 18: 32-40. (2019 JCR; IF: 5.762, 47/195, 排名 24.1%) [NSC98-2314-B-010-027-MY2]
52. Chen, K.C., **Yen, D.H.T.**, Chen, C.D., Young, M.S., Yin, W.H. (2011) Effect of emergency department in-hospital tele-Electrocardiography triage and interventional cardiologist activation of the infarct team on door-to-balloon time in ST-segment-elevation acute myocardial infarction. *Am J Cardiol* 107: 1430-1435 (2019 JCR; IF: 2.570, 63/138, 排名 45.7%)

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54. Peng, C.Z., Chen, J.D., How, C.K., **Yen, D.H.T.**, Huang, M.S. (2011) Catecholamine crisis due to spontaneous ruptured adrenal pheochromocytoma. *J Cardiovasc Med (Hagerstown)* 12: 518-519. (2019 JCR; IF: 1.225, 121/138, 排名 87.7%)
55. How, C.K., Hou, S.K., Shih, H.C., **Yen, D.H.T.**, Huang, C.I., Lee, C.H., Tang, G.J. (2011) Usefulness of triggering receptor expressed on myeloid cells-1 in differentiating between typical and atypical community-acquired pneumonia. *Am J Emerg Med* 29: 626-631. (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
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57. Lin, Y.Y., Chen, J.D., How, C.K., **Yen, D.H.T.** (2010) Spontaneous perinephric hemorrhage from a hemorrhagic renal cyst. *Intern Med* 49: 2189-2190. (2019 JCR; IF: 1.005, 121/165, 排名 73.3%)
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61. Chang, Y.C., Ng, C.J., Chen, Y.C., Chen, J.C., **Yen, D.H.T.*** (2010) Practice variation in the management for non-traumatic pediatric patients in the ED. *Am J Emerg Med* 28: 275-283 (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
62. Huang, H.H., Tseng, C.Y., Fan, J.S., **Yen, D.H.T.*** Kao, W.F., Kuo, T.B.J., Huang, C.I., Lee, C.H. (2010) Alternations of Heart Rate Variability at Lower Altitude in the Predication of Trekkers with Acute Mountain Sickness at High Altitude. *Clin J Sport Med* 20: 58-63 (2019 JCR; IF: 3.165, 16/85, 排名 18.8%)
63. Tsao, J.H., Tseng, C.Y., Chuang, J.L., Chen, Y.C., Huang, H.H., Chou, Y.H., Tiu, C.M., **Yen, D.H.T.** (2010) Non-compressibility ratio of sonography in deep vein thrombosis. *J Chin Med Assoc* 73: 563-567. (2019 JCR; IF: 2.170, 63/165, 排名

- 38.2%)
64. Chan, Y.J., Lee, C.L., Hwang, S.J., Fung, C.P., Wang, F.D., **Yen, D.H.T.**, Tsai, C.H. Lee S.D. (2010) Sero-prevalence of antibodies to pandemic (H1N1) 2009 influenza virus among hospital staff in a medical center in Taiwan. *J Chin Med Assoc* 73: 62-66. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
 65. Huang, C.C., Chen, J.H., Huang, H.H., **Yen, D.H.T.**, Kao, W.F., Huang, C.I., Lee, C.H. (2010) Emergency femoral hemodialysis catheter placement complicated by prevesical hematoma. *J Emerg Med* 39: 583-585 (2019 JCR; IF: 1.224, 22/31, 排名 71%)
 66. Hu, Y.H., Chou, H.L., Lu, W.H., Huang, H.H., Yang, C.C., **Yen, D.H.T.**,* Kao, W.F., Deng, J.F., Huang, C.I. (2010) Features and prognostic factors for elderly with acute poisoning in the emergency department. *J Chin Med Assoc* 73: 78-87. (2019 JCR; IF: 2.170, 63/165, 排名 38.2%)
 67. Chou, S.L., Chou, M.Y., Kao, W.F., **Yen, D.H.T.**, Yen, L.Y., Huang, C.I., Lee, C.H. (2010) Bajiaolian poisoning—a poisoning with high misdiagnostic rate. *Am J Emerg Med* 28: 85-89. (2019 JCR; IF: 1.911, 13/31, 排名 41.9%)
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