

Publications of Department of Medicine in 2018

A. Refereed Papers Included in Science Citation Index:

- ¹: 表此篇文章以榮總之名義發表。
- ²: 表此篇文章以榮總及陽明之名義發表。
- ³: 表此篇文章為國外進修時之著作。
- ⁴: 表此篇文章之第一作者為本部其它科之醫師。
- ⁵: 表此篇文章之第一作者為本院其它部科或他院之醫師。
- *: 為通訊作者
- #: Equal contribution

Gastroenterology

1. ²Chang CY, Chen PH, Hou MC*. Esophageal mammary analogue secretory carcinoma. *Clin Gastroenterol Hepatol* 2018;16:e11-2. (IF:7.683)
2. ²Chang CY, Hsieh WY, Chau GY, Chen PH, Su CW*, Hou MC, Lei HJ, Huo TI, Huang YH, Lin HC, Wu JC. Esophageal varices are not predictive of patient prognosis after surgical resection of hepatocellular carcinoma. *Eur J Gastroenterol Hepatol* 2018;30:1368-77. (IF:2.014)
3. ²Chang FM, Tarng DC, Yang CY*. Starry-sky bowels. *Int J Colorectal Dis* 2018; 33:1807-8. (IF:2.533)
4. ²Chang FM, Wang YP, Lu CL*. Reply. *Hepatology* 2018;67:1174-5. (IF:14.079)
5. ²Chang TE, Huang YS*, Chang CH, Perng CL, Huang YH, Hou MC. The susceptibility of anti-tuberculosis drug-induced liver injury and chronic hepatitis C infection: A systematic review and meta-analysis. *J Chin Med Assoc* 2018;81:111-8. (IF:1.66)
6. ^{2,5}Chau I*, Park JO, Ryoo BY, Yen CJ, Poon R, Pastorelli D, Blanc JF, Kudo M, Pfiffer T, Hatano E, Chung HC, Kopeckova K, Phelip JM, Brandi G, Ohkawa S, Li CP, Okusaka T, Hsu Y, Abada PB, Zhu AX. Alpha-fetoprotein kinetics in patients with hepatocellular carcinoma receiving ramucirumab or placebo: an analysis of the phase 3 REACH study. *Br J Cancer* 2018;119:19-26. (IF:5.922)
7. ^{2,5}Chen CC, Chen LL, Li CP, Hsu YT, Jiang SS, Fan CS, Chua KV, Huang SX, Shyr YM, Chen LT, Huang TS*. Myeloid-derived macrophages and secreted HSP90 α induce pancreatic ductal adenocarcinoma development. *Oncoimmunology* 2018;7:e1424612. (IF:5.503)
8. ⁵Chen LT*, Siveke JT, Wang-Gillam A, Li CP, Bodoky G, Dean AP, Shan YS, Jameson GS, Macarulla T, Lee KH, Cunningham D, Blanc JF, Chiu CF, Schwartzmann G, Braitheh FS, Mamlouk K, Belanger B, de Jong FA, Hubner RA. Survival with nal-IRI (liposomal irinotecan) plus 5-fluorouracil and leucovorin versus 5-fluorouracil and leucovorin in per-protocol and non-per-protocol populations of NAPOLI-1: Expanded analysis of a global phase 3 trial. *Eur J Cancer* 2018;105:71-8. (IF:7.191)
9. ²Chen PC, Fang KC, Kao WY, Su CW*. Outcomes of resection surgery for hepatocellular carcinoma: Does size matter? *J Chin Med Assoc* 2018;81:89-91. (IF:1.66)
10. ²Chen PH, Hsieh WY, Su CW*, Hou MC*, Wang YP, Hsin IF, Yang TC, Liao WC, Lin HC, Lee FY, Wu JC. Combination of albumin-bilirubin grade and platelets to predict a compensated patient with hepatocellular carcinoma who does not require endoscopic screening for esophageal varices. *Gastrointest Endosc* 2018;88:230-239.e2. (IF:7.204)
11. ²Chen PH, Wu CH, Chen YF, Yeh YC, Lin BH, Chang KW, Lai PY, Hou MC, Lu CL, Kuo WC*. Combination of structural and vascular optical coherence tomography for

- differentiating oral lesions of mice in different carcinogenesis stages. *Biomed Opt Express*. 2018;9:1461-76. (IF:3.482)
12. ⁵Cheng HC, Liou JM, Luo JC, Chiu CT, Wu MS, Lee YC, Wu CY, Wu DC, Hsu PI, Chang CC, Chang WL, Lin JT*, Sheu BS. The implementation of the consensus on the management of *Helicobacter pylori* and barriers to consensus. *Helicobacter*. 2018;23:e12533. (IF:4.123)
 13. ²Cheng YL, Huang KW, Liao WC, Luo JC, Lan KH, Su CW, Wang YJ*, Hou MC*. Same-day versus split-dose bowel preparation before colonoscopy: A meta-analysis. *J Clin Gastroenterol* 2018;52:392-400. (IF:2.968)
 14. ^{2,4}Chuang CL, Chang CC, Hsu SJ, Huang HC*, Lee FY, Huang LJ, Lee SD. Endotoxemia-enhanced renal vascular reactivity to endothelin-1 in cirrhotic rats. *Am J Physiol Gastrointest Liver Physiol* 2018;315:G752-61. (IF:3.293)
 15. ²Fang KC, Kao WY, Su CW*, Chen PC, Lee PC, Huang YH, Huo TI, Chang CC, Hou MC, Lin HC, Wu JC*. The prognosis of single large hepatocellular carcinoma was distinct from Barcelona Clinic Liver Cancer Stage A or B: The role of albumin-bilirubin grade. *Liver Cancer* 2018;7:335-58. (IF:7.854)(2016)
 16. ⁵Finn RS*, Merle P, Granito A, Huang YH, Bodoky G, Pracht M, Yokosuka O, Rosmorduc O, Gerolami R, Caparello C, Cabrera R, Chang C, Sun W, LeBerre MA, Baumhauer A, Meinhardt G, Bruix J. Outcomes of sequential treatment with sorafenib followed by regorafenib for HCC: Additional analyses from the phase III RESORCE trial. *J Hepatol* 2018;69:353-8. (IF:15.04)
 17. ⁵Ho CF, Jiao Y, Wei B, Yang Z, Wang HY, Wu YY, Yang C, Tseng KW, Huang CY, Chen CY*, Kuo CH. Protein supplementation enhances cerebral oxygenation during exercise in elite basketball players. *Nutrition* 2018;53:34-7. (IF:3.734)
 18. ²Ho SY, Liu PH, Hsu CY, Chiou YY, Su CW, Lee YH, Huang YH, Lee FY, Hou MC, Huo TI*. Prognostic Performance of Ten Liver Function Models in Patients with Hepatocellular Carcinoma Undergoing Radiofrequency Ablation. *Sci Rep* 2018;8:843. (IF:4.122)
 19. ²Ho SY, Liu PH, Hsu CY, Hsia CY, Su CW, He YJ, Lee YH, Huang YH, Hou MC, Huo TI*. Current noninvasive liver reserve models do not predict histological fibrosis severity in hepatocellular carcinoma. *Sci Rep* 2018;8:15074. (IF:4.122)
 20. ²Ho SY, Liu PH, Hsu CY, Hsia CY, Su CW, Lee YH, Huang YH, Lee FY, Hou MC, Huo TI*. Comparison of twelve liver functional reserve models for outcome prediction in patients with hepatocellular carcinoma undergoing surgical resection. *Sci Rep* 2018;8:4773. (IF:4.122)
 21. ²Hsieh YC, Lee MH, Lee KC, Yang YY, Hou MC, Lin HC*. Use of prokinetic agents or antibiotics is associated with the occurrence of spontaneous bacterial peritonitis in cirrhotic patients. *J Chin Med Assoc* 2018;81:935-41. (IF:1.66)
 22. ²Hsieh YH, Huang HC, Chang CC, Chuang CL, Lee FY, Hsu SJ*, Huang YH, Hou MC, Lee SD. Nucleos(t)ide analogs do not independently influence hepatic fibrosis and portal hypertension beyond viral suppression in CBDL-induced cirrhotic rat. *J Pharmacol Exp Ther* 2018;367:260-6. (IF:3.706)
 23. ²Hsin IF, Hsu SJ, Chuang CL, Huo TI, Huang HC*, Lee FY, Ho HL, Chang SY, Lee SD. The effects of proton pump inhibitor on hepatic vascular responsiveness and hemodynamics in cirrhotic rats. *J Chin Med Assoc* 2018;81:585-92. (IF:1.66)
 24. ²Hsin IF, Huang HC, Chang CC, Hsu SJ, Lee FY, Huo TI, Chuang CL, Hou MC, Lee SD. Insulin reverses major portal hypertension-related derangements in rats with liver cirrhosis and diabetes. *Clin Sci (Lond)* 2018;132:2391-405. (IF:5.22)
 25. ⁵Hsu CW, Su WW, Lee CM, Peng CY, Chuang WL, Kao JH, Chu HC, Huang YH, Chien RN*, Liaw YF. Phase IV randomized clinical study: Peginterferon alfa-2a with adefovir or entecavir pre-therapy for HBeAg-positive chronic hepatitis B. *J Formos Med Assoc*

- 2018;117:588-97. (IF:2.452)
26. ²Hsu CY, Liu PH, Ho SY, Hsia CY, Kudravalli P, Lee YH, Chiou YY, Tsai YJ, Huang YH, Huo TI*. Using nomogram of the Barcelona Clinic Liver Cancer system for treatment selection in patients with stage C hepatocellular carcinoma. *BMC Cancer* 2018;18:289. (IF:3.288)
 27. ²Hsu CY, Liu PH, Ho SY, Huang YH, Lee YH, Lee RC, Nagaria TS, Hou MC, Huo TI*. Metastasis in patients with hepatocellular carcinoma: Prevalence, determinants, prognostic impact and ability to improve the Barcelona Clinic Liver Cancer system. *Liver Int* 2018;38:1803-11. (IF:4.5)
 28. ²Hsu SJ, Tsai MH, Chang CC, Hsieh YH, Huang HC*, Lee FY, Chuang CL, Hou MC, Lee SD. Extrahepatic angiogenesis hinders recovery of portal hypertension and collaterals in rats with cirrhosis resolution. *Clin Sci (Lond)* 2018;132:669-83. (IF:5.22)
 29. ²Huang HC, Hsu SJ, Chang CC, Tsai MH, Lee FY*, Hou MC, Lee SD. Beneficial effects of adrenal androgen supplement in bleeding cirrhotic rats. *Shock* 2018; 50:720-8. (IF:3.005)
 30. ⁵Huang HH, Lee YC, Chen CY*. Effects of burns on gut motor and mucosa functions. *Neuropeptides* 2018;72:47-57. (IF:2.915)
 31. ⁵Huang HH, Yeh C, Chen JC, Lee TH*, Chen SC, Lee WJ, Chen CY*. Does bariatric surgery influence plasma levels of fetuin-A and leukocyte cell-derived chemotaxin-2 in patients with type 2 diabetes mellitus? *PeerJ* 2018;6:e4884. (IF:2.118)
 32. ⁵Hung YP, Chen MH, Lin JS, Hsiao CF, Shan YS, Chen YC, Chen LT, Liu TW, Li CP, Chao Y*. The clinical impact of the novel tumor marker DR-70 in unresectable gastric cancer patients. *J Chin Med Assoc* 2018;81:593-8. (IF:1.66)
 33. ²Huo TI*, Hsu CY, Liu PH. Magic mirror on the wall: Which is the best biomarker for hepatocellular carcinoma? *Hepatology* 2018;67:2482-3. (IF:14.079)
 34. ²Huo TI, Liu PH, Hsu CY. Detecting microvascular invasion in HCC with contrast-enhanced MRI: Is it a good idea?. *J Hepatol* 2018;68:862-3. (IF:15.040)
 35. ^{2,5}Hurwitz H, Van Cutsem E, Bendell J, Hidalgo M, Li CP, Salvo MG, Macarulla T, Sahai V, Sama A, Greeno E, Yu KH, Verslype C, Dawkins F, Walker C, Clark J, O'Reilly EM*. Ruxolitinib + capecitabine in advanced/metastatic pancreatic cancer after disease progression/intolerance to first-line therapy: JANUS 1 and 2 randomized phase III studies. *Invest New Drugs* 2018;36:683-95. (IF:3.502)
 36. ²Kao WY, Su CW*. Letter: the role of direct-acting anti-virals in determining the risk of hepatocellular carcinoma development in patients with hepatitis C virus-induced cirrhosis. *Aliment Pharmacol Ther* 2018;47:1230-1. (IF:7.357)
 37. ²Lan HC*, Chen TS. A rare cause of occult gastrointestinal bleeding. *Dig Liver Dis* 2018;50:620. (IF:3.287)
 38. ²Lee HF, Liu PY, Wang YP, Tsai CF, Chang FY, Lu CL*. Sexual abuse is associated with an abnormal psychological profile and sleep difficulty in patients with irritable bowel syndrome in Taiwan. *J Neurogastroenterol Motil* 2018;24:79-86. (IF:3.438)
 39. ²Lee IC, Chao Y, Li CP, Su CW, Lan KH, Lin HC, Hou MC, Huang YH*. Risk of renal events during tenofovir disoproxil fumarate and entecavir antiviral prophylaxis in HBsAg-positive cancer patients undergoing chemotherapy. *J Viral Hepat* 2018;25:1599-607. (IF:4.237)
 40. ²Lee IC, Yang SS, Lee CJ, Su CW, Wang YJ, Lan KH, Lin HC, Hou MC, Peng CY, Huang YH*. Incidence and predictors of HBsAg loss after peginterferon therapy in HBeAg-negative chronic hepatitis B: A multicenter, long-term follow-up study. *J Infect Dis* 2018;218:1075-84. (IF:5.186)
 41. ²Lee PC, Chen YT, Chao Y, Huo TI, Li CP, Su CW, Lee MH, Hou MC, Lee FY, Lin HC, Huang YH*. Validation of the albumin-bilirubin grade-based integrated model as a predictor for sorafenib-failed hepatocellular carcinoma. *Liver Int* 2018;38:321-30. (IF:4.5)

42. ^{2,5}Lee WP, Lan KL, Liao SX, Huang YH, Hou MC, Lan KH*. Inhibitory effects of Amentoflavone and Orobol on Daclatasvir-induced resistance-associated variants of hepatitis C virus. *Am J Chin Med* 2018;46:835-52. (IF:3.12)
43. ²Lin XH, Huang KH, Chuang WH, Luo JC*, Lin CC, Ting PH, Young SH, Fang WL, Hou MC, Lee FY. The long term effect of metabolic profile and microbiota status in early gastric cancer patients after subtotal gastrectomy. *PLoS One* 2018;13:e0206930. (IF:2.766)
44. ²Lin XH, Lin CC, Wang YJ, Luo JC*, Young SH, Chen PH, Hou MC, Lee FY. Risk factors of the peptic ulcer bleeding in aging uremia patients under regular hemodialysis. *J Chin Med Assoc* 2018;81:1027-32. (IF:1.66)
45. ²Lin XH, Young SH, Luo JC*, Peng YL, Chen PH, Lin CC, Chen WM, Hou MC, Lee FY. Risk factors for upper gastrointestinal bleeding in patients taking selective cox-2 inhibitors: A nationwide population-based cohort study. *Pain Med* 2018;19:225-31. (IF:2.782)
46. ⁵Lin YY, Chien Y, Chuang JH, Chang CC*, Yang YP, Lai YH, Lo WL, Chien KH, Huo TI*, Wang CY. Development of a Graphene Oxide-Incorporated Polydimethylsiloxane Membrane with Hexagonal Micropillars. *Int J Mol Sci* 2018 Aug 25;19(9). (IF:3.687)
47. ⁵Liou JM, Chen CC, Fang YJ, Chen PY, Chang CY, Chou CK, Chen MJ, Tseng CH, Lee JY, Yang TH, Chiu MC, Yu JJ, Kuo CC, Luo JC, Hsu WF, Hu WH, Tsai MH, Lin JT, Shun CT, Twu G, Lee YC, Bair MJ, Wu MS*; Members of the Taiwan Gastrointestinal Disease and Helicobacter Consortium . 14 day sequential therapy versus 10 day bismuth quadruple therapy containing high-dose esomeprazole in the first-line and second-line treatment of *Helicobacter pylori*: a multicentre, non-inferiority, randomized trial. *J Antimicrob Chemother* 2018;73:2510-8. (IF:5.217)
48. ^{2,5}Liou JM, Chen PY, Luo JC, Lee JY, Chen CC, Fang YJ, Yang TH, Chang CY, Bair MJ, Chen MJ, Hsu YC, Hsu WF, Chang CC, Lin JT, Shun CT, El-Omar EM, Wu MS*; Taiwan Gastrointestinal Disease and Helicobacter Consortium. Efficacies of genotypic resistance-guided vs empirical therapy for refractory *Helicobacter pylori* infection. *Gastroenterology* 2018;155:1109-19. (IF:20.773)
49. ^{2,5}Liu CH, Yu ML, Peng CY, Hsieh TY, Huang YH, Su WW, Cheng PN, Lin CL, Lo CC, Chen CY, Chen JJ, Ma Q, Brooks-Rooney C, Kao JH*. Comorbidities, concomitant medications and potential drug-drug interactions with interferon-free direct-acting antiviral agents in hepatitis C patients in Taiwan. *Aliment Pharmacol Ther* 2018;48:1290-300. (IF:7.357)
50. ⁵Liu CJ*, Chuang WL, Sheen IS, Wang HY, Chen CY, Tseng KC, Chang TT, Massetto B, Yang JC, Yun C, Knox SJ, Osinusi A, Camus G, Jiang D, Brainard DM, McHutchison JG, Hu TH, Hsu YC, Lo GH, Chu CJ, Chen JJ, Peng CY, Chien RN, Chen PJ. Efficacy of Ledipasvir and Sofosbuvir treatment of hcv infection in patients coinfectd with HBV. *Gastroenterology* 2018;154:989-97. (IF:20.773)
51. ^{2,4}Liu CW, Huang CC, Tsai HC, Su YB, Huang SF, Lee KC, Hsieh YC, Li TH, Tsai CY, Chong LW, Ou SM, Yang YY*, Fan WC, Hou MC, Lin HC, Lee SD. Serum adrenomedullin and urinary thromboxane B₂ help early categorizing of acute kidney injury in decompensated cirrhotic patients: A prospective cohort study. *Hepatol Res* 2018;48:E9-21. (IF:3.415)
52. ^{2,4}Liu CW, Tsai HC, Huang CC, Tsai CY, Su YB, Lin MW, Lee KC, Hsieh YC, Li TH, Huang SF, Yang YY*, Hou MC, Lin HC, Lee FY, Lee SD. Effects and mechanisms of caffeine to improve immunological and metabolic abnormalities in diet-induced obese rats. *Am J Physiol Endocrinol Metab* 2018;314:E433-47. (IF:2.91)(2015)
53. ²Liu PH, Huo TI, Miksad RA*. hepatocellular carcinoma with portal vein tumor involvement: Best management strategies. *Semin Liver Dis* 2018;38:242-51. (IF:4.167)
54. ^{2,5}Siah KTH, Gong X, Yang XJ, Whitehead WE, Chen M, Hou X, Pratap N, Ghoshal UC, Syam AF, Abdullah M, Choi MG, Bak YT, Lu CL, Gonlachanvit S, Boon CS, Fang F,

- Cheong PK, Wu JCY, Gwee KA*. Rome Foundation-Asian working team report: Asian functional gastrointestinal disorder symptom clusters. *Gut* 2018;67:1071-7. (IF:17.016)
55. ²Su CW, Yang YY, Lin HC*. Impact of etiological treatment on prognosis. *Hepatol Int* 2018;12:56-67. (IF:4.117)
 56. ^{2,4}Su YB, Li TH, Huang CC, Tsai HC, Huang SF, Hsieh YC, Yang YY*, Huang YH, Hou MC, Lin HC*. Chronic calcitriol supplementation improves the inflammatory profiles of circulating monocytes and the associated intestinal/adipose tissue alteration in a diet-induced steatohepatitis rat model. *PLoS One* 2018;13:e0194867. (IF:2.766)
 57. ²Surveillance group; Diagnosis group; Staging group; Surgery group; Local ablation group; TACE/TARE/HAI group; Target therapy/systemic therapy group; Radiotherapy group; Prevention group; Drafting group. Management consensus guideline for hepatocellular carcinoma: 2016 updated by the Taiwan Liver Cancer Association and the Gastroenterological Society of Taiwan. *J Formos Med Assoc* 2018;117:381-403. (IF:2.452)
 58. ^{2,5}Teng WN, Ting CK, Wang YT, Hou MC, Tsou MY, Chiang H*, Lin CL*. Oral capnography is more effective than nasal capnography during sedative upper gastrointestinal endoscopy. *J Clin Monit Comput* 2018;32:321-6. (IF:2.45)
 59. ²Ting PH, Lin XH, Jiang JK, Luo JC*, Chen PH, Wang YP, Hsin IF, Perng CL, Hou MC, Lee FY. The factors associated with negative colonoscopy in screening subjects with positive immunochemical stool occult blood test outcomes. *J Chin Med Assoc* 2018;81:759-65. (IF:1.66)
 60. ^{2,4}Tsai HC, Li TH, Huang CC, Huang SF, Liu RS, Yang YY*, Hsieh YC, Lee KC, Huang YH, Hou MC, Lin HC. Beneficial effects of the peroxisome proliferator-activated receptor α/γ agonist aleglitazar on progressive hepatic and splanchnic abnormalities in cirrhotic rats with portal hypertension. *Am J Pathol* 2018;188:1608-24. (IF:4.069)
 61. ^{2,5}Wu CY*, Hu HY, Huang N, Chou YC, Li CP, Chou YJ. Albumin levels and cause-specific mortality in community-dwelling older adults. *Prev Med* 2018;112:145-51. (IF:3.483)
 62. ^{2,5}Wu CY*, Hu HY, Li CP, Chou YJ, Chang YT. Comorbidity profiles of psoriasis in Taiwan: A latent class analysis. *PLoS One* 2018;13:e0192537. (IF:2.766)

Cardiology

1. ^{2,5}Adlbrecht C*, Blanco-Verea A, Bouzas-Mosquera MC, Brion M, Burtscher M, Carbone F, Chang TT, Charmandari E, Chen JW, Correia-Costa L, Dullaart RPF, Eleftheriades M, Fernandez-Fernandez B, Goliash G, Gremmel T, Groeneveld ME, Henrique A, Huelsmann M, Jung C, Lichtenauer M, Montecucco F, Nicolaidis NC, Niessner A, Palmeira C, Pirklbauer M, Sanchez-Nino MD, Sotiriadis A, Sousa T, Sulzgruber P, van Beek AP, Veronese N, Winter MP, Yeung KK, Bouzas-Mosquera A. Research update for articles published in *EJCI* in 2016. *Eur J Clin Invest* 2018;48:e13016. (IF:3.086)
2. ^{2,5}Calkins H, Hindricks G, Cappato R, Kim YH, Saad EB, Aguinaga L, Akar JG, Badhwar V, Brugada J, Camm J, Chen PS, Chen SA, Chung MK, Nielsen JC, Curtis AB, Davies DW, Day JD, d'Avila A, de Groot NMSN, Di Biase L, Duytschaever M, Edgerton JR, Ellenbogen KA, Ellinor PT, Ernst S, Fenelon G, Gerstenfeld EP, Haines DE, Haissaguerre M, Helm RH, Hylek E, Jackman WM, Jalife J, Kalman JM, Kautzner J, Kottkamp H, Kuck KH, Kumagai K, Lee R, Lewalter T, Lindsay BD, Macle L, Mansour M, Marchlinski FE, Michaud GF, Nakagawa H, Natale A, Nattel S, Okumura K, Packer D, Pokushalov E, Reynolds MR, Sanders P, Scanavacca M, Schilling R, Tondo C, Tsao HM, Verma A, Wilber DJ, Yamane T. 2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. *Europace* 2018;20:157-208.

(IF:5.231)

3. ^{2,5}Calkins H, Hindricks G, Cappato R, Kim YH, Saad EB, Aguinaga L, Akar JG, Badhwar V, Brugada J, Camm J, Chen PS, Chen SA, Chung MK, Cosedis Nielsen J, Curtis AB, Davies DW, Day JD, d'Avila A, Natasja de Groot NMS, Di Biase L, Duytschaever M, Edgerton JR, Ellenbogen KA, Ellinor PT, Ernst S, Fenelon G, Gerstenfeld EP, Haines DE, Haissaguerre M, Helm RH, Hylek E, Jackman WM, Jalife J, Kalman JM, Kautzner J, Kottkamp H, Kuck KH, Kumagai K, Lee R, Lewalter T, Lindsay BD, Macle L, Mansour M, Marchlinski FE, Michaud GF, Nakagawa H, Natale A, Nattel S, Okumura K, Packer D, Pokushalov E, Reynolds MR, Sanders P, Scanavacca M, Schilling R, Tondo C, Tsao HM, Verma A, Wilber DJ, Yamane T. Document Reviewers: 2017 HRS/EHRA/ECAS/APHRS Europace 2018;20:e1-e160. (IF:5.231)
4. ^{2,5}Chan CS, Chen YC, Chang SL, Lin YK, Kao YH, Chen SA, Chen YJ*. Heart Failure Differentially Modulates the Effects of Ivabradine on the Electrical Activity of the Sinoatrial Node and Pulmonary Veins. *J Card Fail* 2018;24:763-72. (IF:3.942)
5. ^{2,5}Chan CS, Lin YK, Kao YH, Chen YC, Chen SA, Chen YJ*. Hydrogen sulphide increases pulmonary veins and atrial arrhythmogenesis with activation of protein kinase C. *J Cell Mol Med* 2018;22:3503-13. (IF:4.302)
6. ²Chang CC, Wu CH, Liu LK, Chou RH, Kuo CS, Huang PH*, Chen LK, Lin SJ. Association between serum uric acid and cardiovascular risk in nonhypertensive and nondiabetic individuals: The Taiwan I-Lan Longitudinal Aging Study. *Sci Rep* 2018;8:5234.(IF:4.122)
7. ^{1,5}Chang CJ, Cheng CC, Chen YC, Higa S, Huang JH, Chen SA, Chen YJ*. Factor Xa inhibitors differently modulate electrical activities in pulmonary veins and the sinoatrial node. *Eur J Pharmacol* 2018;833:462-71. (IF:3.040)
8. ^{2,5}Chang CJ, Li SJ, Chen YC, Huang SY, Chen SA, Chen YJ*. Histone deacetylase inhibition attenuates atrial arrhythmogenesis in sterile pericarditis. *Transl Res* 2018;200:54-64. (IF:4.880)
9. ^{2,5}Chang HY, Lo LW*, Chen YR, Chou YH, Lin WL, Lin YJ, Yin WH, Feng AN, Chen SA. The autonomic neural mechanism of right ventricular outflow tract tachycardia. *Auton Neurosci-Basic Clin* 2018;212:10-6. (IF:2.605)
10. ²Chang SL*, Hsiao YW, Tsai YN, Lin SF, Liu SH, Lin YJ, Lo LW, Chung FP, Chao TF, Hu YF, Tuan TC, Liao N, Hsieh YC, Wu TJ, Higa S, Chen SA. Interleukin-17 enhances cardiac ventricular remodeling via activating MAPK pathway in ischemic heart failure. *J Mol Cell Cardiol* 2018;122:69-79. (IF:5.296)
11. ²Chang TY, Lin CY, Chen SA*. Vagal impact of cryoballoon ablation during pulmonary vein isolation. *Int J Cardiol* 2018;265:132-3. (IF: 4.034)
12. ^{2,5}Chang TY, Lin CY, Chen SA*. Seeing is believing: The importance of continuous monitoring to unmask the real-world atrial fibrillation recurrence after ablation. *Heart Rhythm* 2018;15:1851-2. (IF:4.743)
13. ²Chao TF*, Chen SA. What to do when patients having a high risk of new-onset atrial fibrillation are identified? *Int J Cardiol* 2018;261:101-2. (IF:4.034)
14. ²Chao TF, Chen SA*. Using the scoring schemes in the right way: the dynamic assessment of stroke and bleeding risk in patients with atrial fibrillation. *J Thorac Dis* 2018;10:S2089-91. (IF:1.804)
15. ²Chao TF, Chiang CE, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Lip GYH, Chen SA*. Evolving Changes of the Use of Oral Anticoagulants and Outcomes in Patients With Newly Diagnosed Atrial Fibrillation in Taiwan. *Circulation* 2018;138:1485-7. (IF:18.881)
16. ²Chao TF, Lip GYH, Chen SA*. REPLY: The Case of Dynamic CHA(2)DS(2)-VASc Score

- Beyond Risk Prediction. *J Am Coll Cardiol* 2018;71:1942-3. (IF:16.834)
17. ²Chao TF, Lip GYH, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Chen SA*. Major bleeding and intracranial hemorrhage risk prediction in patients with atrial fibrillation: Attention to modifiable bleeding risk factors or use of a bleeding risk stratification score? A nationwide cohort study. *Int J Cardiol* 2018;254:157- 61. (IF:4.034)
 18. ²Chao TF, Lip GYH, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Chen SA*. Incident Risk Factors and Major Bleeding in Patients with Atrial Fibrillation Treated with Oral Anticoagulants: A Comparison of Baseline, Follow-up and Delta HAS-BLED Scores with an Approach Focused on Modifiable Bleeding Risk Factors. *Thromb Haemost* 2018;113:768-77. (IF:4.952)
 19. ²Chao TF, Lip GYH, Liu CJ, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Chen SA*. Relationship of Aging and Incident Comorbidities to Stroke Risk in Patients With Atrial Fibrillation. *J Am Coll Cardiol* 2018;71:122-32. (IF:16.834)
 20. ²Chao TF, Liu CJ, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Lip GYH, Chen SA*. Oral Anticoagulation in Very Elderly Patients With Atrial Fibrillation: A Nationwide Cohort Study. *Circulation* 2018;138:37-47. (IF:18.881)
 21. ^{2,5}Chao TF, Liu CJ, Tuan TC, Chen TJ, Hsieh MH*, Lip GYH, Chen SA. Lifetime Risks, Projected Numbers, and Adverse Outcomes in Asian Patients With Atrial Fibrillation A Report From the Taiwan Nationwide AF Cohort Study. *Chest* 2018; 153:453-66. (IF:7.652)
 22. ^{2,5}Chen DM, Yu WC, Hung HF, Tsai JC, Wu HY, Chiou AF*. The effects of Baduanjin exercise on fatigue and quality of life in patients with heart failure: A randomized controlled trial. *Eur J Cardiovasc Nurs* 2018;17:456-66. (IF:2.651)
 23. ^{2,5}Chen HK, Hu YF*, Lin SF*. Methodological considerations in calculating heart rate variability based on wearable device heart rate samples. *Comput Biol Med* 2018;102:396-401. (IF:2.115)
 24. ⁵Chen KC, Yin WH, Wu CC, Chan SH, Wu YW, Wang KY, Chang KC, Hwang JJ, Voon WC, Hsieh IC, Chong JT, Lin WS, Hsu CN, Ueng KC, Hsia CP, Liu JC, Yeh JS, Mar GY, Shih JY, Kuo JY, Tsao HM, Tseng WK, Yang CH, Chang CC, Chiang CE, Lei MH, Lin JF, Shyu KG*. In-Hospital Implementation of Evidence-Based Medications is Associated with Improved Survival in Diabetic Patients with Acute Coronary Syndrome - Data from TSOCS ACS-DM Registry. *Acta Cardiol Sin* 2018;34:211-23. (IF:0.927)
 25. ^{2,5}Chen WJ*, Chen YH, Hsu YJ*, Lin KH, Yeh YH. MicroRNA-132 targeting PTEN contributes to cilostazol-promoted vascular smooth muscle cell differentiation. *Atherosclerosis* 2018;274:1-7. (IF:4.467)
 26. ²Chen YH*, Huang SS, Lin SJ. TIMI and GRACE Risk Scores Predict Both Short-Term and Long-Term Outcomes in Chinese Patients with Acute Myocardial Infarction. *Acta Cardiol Sin* 2018;34:4-12. (IF:0.927)
 27. ^{2,5}Chen YY, Huang WC, Huang MH, Lu TM, Hsu CP*. The Intra-Pericardial Paraganglioma Presenting as Ascites and Hemopericardium with Impending Tamponade. *Int Heart J* 2018;59:664-7.(IF:1.826)
 28. ⁵Chen YY, Wu VC, Huang WC, Yeh YC, Wu MS, Huang CC, Wu KD, Fang JT, Wu CJ*. Norepinephrine Administration Is Associated with Higher Mortality in Dialysis Requiring Acute Kidney Injury Patients with Septic Shock. *J Clin Med* 2018;7(9). pii: E274. (IF:5.583)
 29. ²Cheng WH, Lo LW, Lin YJ, Chang SL, Hu YF, Hung Y, Chung FP, Chang TY, Huang TC, Yamada S, Salim S, Te ALD, Liao JN, Tuan TC, Chao TF, Tsai TY, Liu SH, Chen SA*. Cigarette smoking causes a worse long-term outcome in persistent atrial fibrillation following catheter ablation. *J Cardiovasc Electrophysiol* 2018;29:699-706. (IF:2.873)
 30. ^{2,5}Cheng YL, Shu JH, Hsu HC, Liang Y, Chou RH, Hsu PF, Wang YJ*, Ding YZ, Liou TL, Wang YW, Huang SS, Lin CC, Lu TM, Leu HB, Lin SJ, Chan WL. High health literacy is associated with less obesity and lower Framingham risk score: Sub-study of the

- VGH-HEALTHCARE trial. PLoS One 2018 ;13:e0194813. (IF:2.766)
31. ^{2,5}Chiang CE, Lin SY, Lin TH, Wang TD, Yeh HI, Chen JF, Tsai CT, Hung YJ, Li YH, Liu PY, Chang KC, Wang KL, Chao TH, Shyu KG, Yang WS, Ueng KC, Chu PH, Yin WH, Wu YW, Cheng HM, Shin SJ, Huang CN, Chuang LM, Lin SJ, Yeh SJ, Sheu WHH*, Lin JL. 2018 consensus of the Taiwan Society of Cardiology and the Diabetes Association of Republic of China (Taiwan) on the pharmacological management of patients with type 2 diabetes and cardiovascular diseases. *J Chin Med Assoc* 2018;81:189-222. (IF:1.660)
 32. ^{2,5}Chiang KH, Chen JW, Huang SS, Leu HB, Lin SJ, Huang PH*. The ratio of AGE to sRAGE independently associated with albuminuria in hypertensive patients. *BMC Endocr Disord* 2018;18:84. (IF:2.027)
 33. ^{1,5}Chien KL*, Lin HJ, Su TC, Chen YY, Chen PC. Comparing the Consistency and Performance of Various Coronary Heart Disease Prediction Models for Primary Prevention Using a National Representative Cohort in Taiwan. *Circ J* 2018;82:1805-12. (IF:2.895)
 34. ^{2,5}Chien Y, Chou SJ, Chang YL, Leu HB, Yang YP, Tsai PH, Lai YH, Chen KH, Chang WC, Sung SH, Yu WC*. Inhibition of Arachidonate 12/15-Lipoxygenase Improves alpha-Galactosidase Efficacy in iPSC-Derived Cardiomyocytes from Fabry Patients. *Int J Mol Sci* 2018;19 pii:E1480. (IF:3.687)
 35. ^{2,5}Chou RH*, Huang PH, Huang WC. The Criteria of Systemic Inflammatory Response Syndrome Present Varying Impacts on One-Year Mortality in Patients with Acute Myocardial Infarction. *Acta Cardiol Sin* 2018;34:292-3. (IF:0.927)
 36. ^{2,5}Chuang SY, Chang HY, Cheng HM, Pan WH, Chen CH*. Prevalence of Hypertension Defined by Central Blood Pressure Measured Using a Type II Device in a Nationally Representative Cohort. *Am J Hypertens* 2018;31:346-54. (IF:3.046)
 37. ^{2,5}Chuang SY, Hsu PF, Lin FJ, Huang YW, Wang GZ, Chang WC, Tsai HJ*. Association between nonsteroidal anti-inflammatory drugs and atrial fibrillation among a middle-aged population: a nationwide population-based cohort. *Br J Clin Pharmacol* 2018;84:1290-300. (IF:3.838)
 38. ²Chung FP, Ba VV, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chao TF, Liao JN, Lin CY, Hsieh MH, Chen SA*. The prevalence and characteristics of coexisted atrioventricular nodal reentrant tachycardia and idiopathic left fascicular ventricular tachycardia. *J Cardiovasc Electrophysiol* 2018;29:1096-103. (IF:2.873)
 39. ²Chung FP, Chao TF, Chen SA. AF news. *J Cardiovasc Electrophysiol* 2018;29:1594-6. (IF:2.873)
 40. ²Chung FP, Chao TF, Chen SA. AF news. *J Cardiovasc Electrophysiol* 2018;29:655-6. (IF:2.873)
 41. ²Chung FP, Chao TF, Chen SA. AF news. *J Cardiovasc Electrophysiol* 2018;29:944-6. (IF:2.873)
 42. ²Chung FP, Chao TF, Chen SA. AF news. *J Cardiovasc Electrophysiol* 2018;29:1189-91. (IF:2.873)
 43. ²Chung FP, Lin CY, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chao TF, Liao JN, Chang TY, Chen SA*. Catheter Ablation of Ventricular Tachycardia in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. *Korean Circ J* 2018;48:890-905. (IF:1.421)
 44. ²Chung FP*, Lin CY, Lin YJ, Chen SA. Reappraisal of the Worldwide Prevalence of Brugada Syndrome and Brugada Phenotype: From the Old to the New Diagnostic Criteria. *Acta Cardiol Sin* 2018;34:278-9. (IF:0.927)
 45. ^{1,5}Dagres N*, Chao TF, Fenelon G, Aguinaga L, Benhayon D, Benjamin EJ, Bunch TJ, Chen LY, Chen SA, Darrieux F, de Paola A, Fauchier L, Goette A, Kalman J, Kalra L, Kim YH, Lane DA, Lip GYH, Lubitz SA, Marquez MF, Potpara T, Pozzer DL, Ruskin, JN, Savelieva I, Teo WS, Tse HF, Verma A, Zhang S, Chung MK. European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society

- (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on arrhythmias and cognitive function: what is the best practice? *Heart Rhythm* 2018;15:E37-60. (IF:4.743)
46. ^{1,5}Dagres N*, Chao TF, Fenelon G, Aguinaga L, Benhayon D, Benjamin EJ, Bunch TJ, Chen LY, Chen SA, Darrieux F, de Paola A, Fauchier L, Goette A, Kalman J, Kalra L, Kim YH, Lane DA, Lip GYH, Lubitz SA, Marquez MF, Potpara T, Pozzer DL, Ruskin JN, Savelieva I, Teo WS, Tse HF, Verma A, Zhang S, Chung MK, Bautista-Vargas WF, Chiang CE, Cuesta A, Dan GA, Frankel DS, Guo YT, Hatala R, Lee YS, Murakawa Y, Pellegrini CN, Pinho C, Milan DJ, Morin DP, Nadalin E, Ntaios G, Prabhu MA, Proietti M, Rivard L, Valentino M, Shantsila A. European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on arrhythmias and cognitive function: what is the best practice? *Europace* 2018;20:1399-421. (IF:5.231)
 47. ⁵Ghasemi Z, Lee JC, Kim CS, Cheng HM, Sung SH, Chen CH, Mukkamala R, Hahn JO*. Estimation of Cardiovascular Risk Predictors from Non-Invasively Measured Diametric Pulse Volume Waveforms via Multiple Measurement Information Fusion. *Sci Rep* 2018;8:10433. (IF:4.122)
 48. ^{2,5}Ho SK, Wu YW*, Tseng WK, Leu HB, Yin WH, Lin TH, Chang KC, Wang JH, Yeh HI, Wu CC*, Chen JW. The prognostic significance of heart-type fatty acid binding protein in patients with stable coronary heart disease. *Sci Rep* 2018;8:14410. (IF:4.122)
 49. ^{2,5}Hsu CC, Hsu PF, Sung SH, Tu ST, Yu BH, Huang CJ, Cheng HM*. Is There a Preferred Stroke Prevention Strategy for Diabetic Patients with Non-Valvular Atrial Fibrillation? Comparing Warfarin, Dabigatran and Rivaroxaban. *Thromb Haemost* 2018;118:72-81.(IF:4.952)
 50. ^{2,5}Hsu PF, Sung SH, Cheng HM, Shin SJ, Lin KD, Chong K, Yen FS, Yu BH, Huang CT, Hsu CC*. Cardiovascular Benefits of Acarbose vs Sulfonylureas in Patients With Type 2 Diabetes Treated With Metformin. *J Clin Endocrinol Metab* 2018;103:3611-9. (IF:5.879)
 51. ^{2,5}Huang CC, Lee FY, Yang LY, Yang YY*, Chen CH, Liang JF, Cheng HM, Huang CC, Hwang SJ. Mixed simulation course increases participants' positive stress coping abilities. *J Chin Med Assoc* 2018;81: 58-63. (IF:1.660)
 52. ^{2,5}Huang CJ, Wang WT, Sung SH, Chen CH, Lip GYH, Cheng HM*, Chiang CE. Blood glucose reduction by diabetic drugs with minimal hypoglycaemia risk for cardiovascular outcomes: Evidence from meta-regression analysis of randomized controlled trials. *Diabetes Obes Metab* 2018;20:2131-9. (IF:5.980)
 53. ^{1,5}Huang D, Chan PH, She HL, Wong CK, Ho CW, Cheng YY, Chan EW, Chiang CE, Siu CW*. Secular trends and etiologies of venous thromboembolism in Chinese from 2004 to 2016. *Thromb Res* 2018;166:80-5. (IF: 2.779)
 54. ²Huang WC, Teng HI, Chan WL, Lu TM*. Short-term and long-term clinical outcomes of rotational atherectomy in resistant chronic total occlusion. *J Interv Cardiol* 2018;31:458-64. (IF:1.728)
 55. ²Huang WC, Teng HI, Hsueh CH, Lin SJ, Chan WL, Lu TM*. Intravascular ultrasound guided wiring re-entry technique for complex chronic total occlusions. *J Interv Cardiol* 2018;31:572-9. (IF:1.728)
 56. ^{1,5}Huang WY, Singer DE, Wu YL, Chiang CE, Weng HH, Lee M*, Ovbiagele B. Association of Intracranial Hemorrhage Risk With Non-Vitamin K Antagonist Oral Anticoagulant Use vs Aspirin Use: A Systematic Review and Meta-Analysis. *JAMA Neurol* 2018;75:1511-8. (IF: 11.460)
 57. ⁵Hung CL, Lai YJ, Chi PC, Chen LC, Tseng YM, Kuo JY, Lin CI, Chen YC, Lin SJ, Yeh HI*. Dose-related ethanol intake, Cx43 and Nav1.5 remodeling: Exploring Insights of Altered Ventricular Conduction and QRS Fragmentation in Excessive Alcohol Users. *J Mol Cell Cardiol* 2018; 114:150-60. (IF:5.296)

58. ⁵Kario K*, Chen CH, Park S, Park CG, Hoshide S, Cheng HM, Huang QF, Wang JG. Consensus Document on Improving Hypertension Management in Asian Patients, Taking into Account Asian Characteristics. *Hypertension* 2018;71:375-82. (IF:6.823)
59. ^{2,5}Koh KK, Nam CW, Chao TH, Liu ME, Wu CJ, Kim DS, Kim CJ, Li I, Li JY, Baccara-Dinet MT, Hsiao PJ*, Chiang CE. A randomized trial evaluating the efficacy and safety of alirocumab in South Korea and Taiwan (ODYSSEY KT). *J Clin Lipidol* 2018;12:162-72. (IF:3.580)
60. ^{2,5}Kuo CS, Lu YW, Hsu CY, Chang CC, Chou RH, Liu LK, Chen LK*, Huang PH*, Chen JW, Lin SJ*. Increased activin A levels in prediabetes and association with carotid intima-media thickness: a cross-sectional analysis from I-Lan Longitudinal Aging Study. *Sci Rep* 2018;8:9957. (IF:4.122)
61. ^{2,3}Kuo L, Chao TF, Liu CJ, Chen SJ, Tuan TC, Lin YJ, Chang SL, Lo LW, Hu YF, Chung FP, Liao JN, Chen TJ, Lip GYH*, Chen SA. Usefulness of the CHA(2)DS(2)-VASc Score to Predict the Risk of Sudden Cardiac Death and Ventricular Arrhythmias in Patients with Atrial Fibrillation. *Am J Cardiol* 2018;122:2049-54. (IF:3.171)
62. ^{2,5}Lee CW, Sung SH, Huang WM, Hsu CP, Chung KP. MitraClip in Patients With Severe Mitral Regurgitation and Severe Left Ventricular Systolic Dysfunction. *Circ J* 2018;82:2929. (IF:2.895)
63. ^{2,5}Lee CW, Sung SH*, Tsai YL, Chang TY, Hsu CP, Lu CC, Shih CC. Initial experience with percutaneous edge-to-edge transcatheter mitral valve repair in a tertiary medical center in Taiwan. *J Chin Med Assoc* 2018;81:305-10. (IF:1.660)
64. ^{2,5}Li YH, Fang CY, Hsieh LC, Huang WC, Lin TH, Sung SH, Chiu CZ, Wu CJ, Shyu KG, Chang PY, Fang CC, Lu TM, Chen CP, Tai WC, Sheu CC, Wei KC, Huang YH, Wu HM, Hwang JJ*. 2018 Expert Consensus on the Management of Adverse Effects of Antiplatelet Therapy for Acute Coronary Syndrome in Taiwan. *Acta Cardiol Sin* 2018; 34:201-10. (IF:0.927)
65. ^{2,5}Li YH, Ueng KC, Jeng JS, Charng MJ, Lin TH, Chien KL, Wang CY, Chao TH, Liu PY, Su CH, Chien SC, Liou CW, Tang SC, Lee CC, Yu TY, Chen JW, Wu CC, Yeh HI*. Corrigendum to “2017 Taiwan lipid guidelines for high risk patients (vol 114, pg 217, 2017)”. *J Formos Med Assoc* 2018;117:749-50. (IF:2.452)
66. ^{2,5}Li YH, Wang YC, Wang YC, Liu JC, Lee CH, Chen CC, Hsieh IC, Kuo FY, Huang WC, Sung SH, Chiu CZ, Hsu JC, Jen SL, Hwang JJ*, Lin JL. 2018 Guidelines of the Taiwan Society of Cardiology, Taiwan Society of Emergency Medicine and Taiwan Society of Cardiovascular Interventions for the management of non ST-segment elevation acute coronary syndrome. *J Formos Med Assoc* 2018;117:766-90. (IF:2.452)
67. ^{2,5}Li YH*, Yeh HI, Jeng JS, Charng MJ. Comparison of the 2017 Taiwan lipid guidelines and the Western lipid guidelines for high risk patients. *J Chin Med Assoc* 2018;81:853-9. (IF:1.660)
68. ²Liao JN, Chao TF, Liu CJ, Chen SJ, Hung CL, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chung FP, Chen TJ, Lip GYH, Chen SA*. Seasonal variation in the risk of ischemic stroke in patients with atrial fibrillation: A nationwide cohort study. *Heart Rhythm* 2018;15:1611-6. (IF:4.743)
69. ^{2,5}Lin CH, Lo LW, Lin YJ, Chang SL, Hu YF, Tuan TC, Huang HK, Chiang CH, Allamsetty S, Liao JN, Chung FP, Chang YT, Lin CY, Te ALD, Yamada S, Walia R, Hung Y, Chen SA*. Ventricular arrhythmias originating from the cardiac crux and the basal inferior segment of the interventricular septum in the patients with structural heart diseases: characteristics, mapping, and electrophysiological properties. *J Interv Card Electrophysiol* 2018;52:225-36. (IF:1.522)
70. ²Lin CY, Chung FP, Lin YJ, Chang SL, Lo LW, Hu YF, Liao JN, Tuan TC, Chao TF, Chang YT, Chen YY, Te ALD, Yamada S, Kuo L, Vicera JJB, Chang TY, Minh HQ, Salim

- S, Huang TC, Chen SA*. Novel electrophysiological criteria for septal ventricular outflow tract tachycardias requiring a sequential bilateral ablation. *J Cardiovasc Electrophysiol* 2018;29:298-307. (IF:2.873)
71. ²Lin CY, Chung FP, Lin YJ*, Chang SL, Lo LW, Hu YF, Liao JN, Tuan TC, Chao TF, Chang YT, Chen YY, Te ALD, Yamadal S, Chen SA. Safety and Efficacy of Epicardial Ablation of Ventricular Tachyarrhythmias: Experience from a Tertiary Referral Center in Taiwan. *Acta Cardiol Sin* 2018;34:49-58. (IF:0.927)
 72. ²Lin CY, Lin YJ*, Chung FP, Lo MT, Lin C, Chen SA. Endo/epicardial mapping issues: Authors' reply. *Europace* 2018;20:1561-2. (IF:5.231)
 73. ²Lin CY, Lin YJ*, Li CH, Chung FP, Lo MT, Lin C, Chang HC, Chang SL, Lo LW, Hu YF, Chang YT, Lin CH, Chen YY, Walia R, Te ALD, Yamada S, Wu TJ, Chen SA. Heterogeneous distribution of substrates between the endocardium and epicardium promotes ventricular fibrillation in arrhythmogenic right ventricular dysplasia/cardiomyopathy. *Europace* 2018;20:501-11. (IF:5.231)
 74. ²Lin CY, Te ALD, Lin YJ*, Chang SL, Lo LW, Hu YF, Chung FP, Tuan TC, Chao TF, Liao JN, Chang TY, Yamada S, Ba VV, Salim S, Vicera JJB, Huang TC, Wu CI, Liu CM, Chen SA. High-resolution mapping of pulmonary vein potentials improved the successful pulmonary vein isolation using small electrodes and inter-electrode spacing catheter. *Int J Cardiol* 2018;272:90-6. (IF:4.034)
 75. ^{2,5}Lin TC, Lu TM, Huang FC, Hsu PF, Shih CC, Lin SJ, Hsu CP*. Coronary Artery Bypass Surgery versus Percutaneous Coronary Intervention for Left Main Coronary Artery Disease with Chronic Kidney Disease. *Int Heart J* 2018;59:279-85. (IF:1.826)
 76. ^{2,5}Lin WL, Chen YR, Lai CT, Yamada S, Liu SH, Chou YH, Fu YC, Yang CCH, Kuo TBJ, Lo LW*, Chen SA. Neural mechanism of angiotensin-converting enzyme inhibitors in improving heart rate variability and sleep disturbance after myocardial infarction. *Sleep Med* 2018;48:61-9. (IF:3.395)
 77. ^{1,5} Lin YK, Chen YA, Lee TI, Chen YC, Chen SA, Chen YJ. Aging Modulates the Substrate and Triggers Remodeling in Atrial Fibrillation. *Circ J* 2018;82:1237-44. (IF:2.895)
 78. ^{2,5}Lin YK, Chen YC, Chen YA, Huang JH, Chen SA, Chen YJ*. Levosimendan differentially modulates electrophysiological activities of sinoatrial nodes, pulmonary veins, and the left and right atria. *J Cardiovasc Electrophysiol* 2018;29:1150-8. (IF:2.873)
 79. ^{2,5}Lip GYH*, Banerjee Amitava, Boriani Giuseppe, Chiang CE, Fargo Ramiz, Freedman Ben, Lane Deirdre A., Ruff Christian T., Turakhia Mintu, Werring David, Patel Sheena, Moores Lisa. Antithrombotic Therapy for Atrial Fibrillation CHEST Guideline and Expert Panel Report. *Chest* 2018;154:1121-201. (IF:7.652)
 80. ²Liu CM, Lin CY, Chang SL, Lin YJ, Lo LW, Hu YF, Chao TF, Chung FP, Tuan TC, Liao JN, Chen YY, Te ALD, Yamada S, Kuo L, Li HY, Chang TY, Minh HQ, Salim S, Ba VV, Vicera JJB, Wu CI, Chuang CM, Huang TC, Hsieh YC*, Chen SA. Intermediate Pause at Daytime Is Associated with Increased Cardiovascular Risk and Mortality: An 8-Year Cohort Study. *J Am Heart Assoc* 2018;7(12). pii: e009034. (IF:4.450)
 81. ^{2,3,4} Lu DY, Haileselassie B, Ventoulis I, Liu HY, Liang HY, Pozios I, Canepa M, Phillip S, Abraham MR, Abraham T*. E/e' ratio and outcome prediction in hypertrophic cardiomyopathy: the influence of outflow tract obstruction. *Eur Heart J Cardiovasc Imaging* 2018;19:101-7. (IF:8.336)
 82. ^{2,3}Lu DY, Pozios I, Haileselassie B, Ventoulis I, Liu HY, Sorensen LL, Canepa M, Phillip S, Abraham MR, Abraham TP*. Clinical Outcomes in Patients With Nonobstructive, Labile, and Obstructive Hypertrophic Cardiomyopathy. *J Am Heart Assoc* 2018;7(5). pii: e006657. (IF:4.450)
 83. ^{2,3,5}Lu DY, Yalcin H, Yalcin F, Zhao M, Sivalokanathan S, Valenta I, Tahari A, Pomper MG, Abraham TP, Schindler TH, Abraham MR*. Stress Myocardial Blood Flow Heterogeneity

- Is a Positron Emission Tomography Biomarker of Ventricular Arrhythmias in Patients With Hypertrophic Cardiomyopathy. *Am J Cardiol* 2018;121:1081-9. (IF:3.171)
84. ^{2,5}Lu YH, Huang PH, Wang LY, Hsu TR, Li HY, Lee PC, Hsieh YP, Hung SC, Wang YC, Chang SK, Lee YT, Ho PH, Ho HC*, Niu, DM*. Improvement in the sensitivity of newborn screening for Fabry disease among females through the use of a high-throughput and cost-effective method, DNA mass spectrometry. *J Hum Genet* 2018;63:1-8. (IF:2.942)
85. ²Lu YW, Tsai YL, Chang CC*, Huang PH. A potential diagnostic pitfall in acute chest pain: Massive pulmonary embolism mimicking acute STEMI. *Am J Emerg Med* 2018;36:461-3. (IF:1.290)
86. ^{2,5}Lu YY, Wu WS, Lin YK, Cheng, CC, Chen YC*, Chen SA, Chen YJ. Angiotensin 1-7 modulates electrophysiological characteristics and calcium homeostasis in pulmonary veins cardiomyocytes via MAS/PI3K/eNOS signalling pathway. *Eur J Clin Invest* 2018; 48(1). doi: 10.1111/eci.12854. (IF:3.086)
87. ^{2,5}Picone DS, Schultz MG, Peng X, Black JA, Dwyer N, Roberts-Thomson P, Chen CH, Cheng HM, Pucci G, Wang J, Sharman JE*. Discovery of New Blood Pressure Phenotypes and Relation to Accuracy of Cuevices Used in Daily Clinical Practice. *Hypertension* 2018;71:1239-47. (IF:6.823)
88. ²Sung SH*, Wang TJ, Cheng HM, Yu WC, Guo CY, Chiang CE, Chen CH. Clinical Characteristics and Outcomes in the Very Elderly Patients Hospitalized for Acute Heart Failure: Importance of Pharmacologic Guideline Adherence. *Sci Rep* 2018;8:1427. (IF:4.122)
89. ^{2,5}Sung YL, Wu CE, Syu JY, Kuo TBJ, Li JY, Chen CW, Weng CH, Hsu WH, Chen SA, Hu YF*, Lin SF. Effects of long-term exercise on arrhythmogenesis in aged hypertensive rats. *Comput Biol Med* 2018;102:390-5. (IF:2.115)
90. ^{2,5}Te ALD, Lo LW*, Lin YJ, Chang SL, Hu YF, Chung FP, Tuan TC, Chao TF, Liao JN, Chang YT, Lin CY, Yamada S, Chang TY, Salim S, Hoang MQ, Huang TC, Chen SA. Vasovagal responses during cryoballoon pulmonary vein isolation in paroxysmal atrial fibrillation predict favorable mid-term outcomes. *Int J Cardiol* 2018;258:115-20. (IF:4.034)
91. ^{2,5}Teng HI, Sung SH, Huang SS, Pan JP, Lin SJ, Chan WL, Lee WL, Lu TM, Wu CH. The impact of successful revascularization of coronary chronic total occlusions on long-term clinical outcomes in patients with non-ST-segment elevation myocardial infarction. *J Interv Cardio* 2018;31:302-9. (IF:1.728)
92. ^{2,5}Tsai R, Chen IM*, Chen PL, Leu HB, Chen YH, Chang HH. Increase Carotid Flow by Double Sheath Connection Technique to Reduce Cerebral Ischemia for Transcatheter Aortic Valve Implantation through Transcarotid Approach. *Ann Thorac Cardiovasc Surg* 2018;24:161-4. (IF:0.940)
93. ^{2,5}Tsai SH*, Wang JC, Liao WI, Hsu YJ, Lin CY, Liao MT, Huang PH, Lin SJ. Fucoidan Attenuates Angiotensin II-Induced Abdominal Aortic Aneurysms Through the Inhibition of c-Jun N-Terminal Kinase and Nuclear Factor κ B Activation. *J Vasc Surg* 2018;68(6S):72S-81S. (IF:3.294)
94. ²Tsai YL, Chang CC, Liu LK, Huang PH*, Chen LK, Lin SJ. The Association Between Serum Activin A Levels and Hypertension in the Elderly: A Cross-Sectional Analysis From I-Lan Longitudinal Aging Study. *Am J Hypertens* 2018;31:269-74. (IF:3.046)
95. ^{2,5}Wang JS, Lee WJ, Lee IT, Lin SY, Lee WL, Liang KW, Lin SJ*, Sheu WH*. Levels of serum aryl hydrocarbon receptor were negatively associated with β -cell function in patients with no history of diabetes undergoing coronary angiography. *J Diabetes* 2018;10:958-64. (IF:3.213)
96. ^{2,5}Wang JS, Sheu WH, Lee WJ, Lee IT, Lin SY, Lee WL, Liang KW, Lin SJ*. Levels of serum high mobility group box 1 were independently associated with cardiovascular risk in patients undergoing coronary angiography. *Clin Chim Acta* 2018;483:130-4. (IF:2.926)

97. ^{2,5}Wang KL*, Chiu CC, Giugliano RP, Tan DS, Lin CY, Lai EY, Goto S, Chiang CE. Drug Class, Renal Elimination, and Outcomes of Direct Oral Anticoagulants in Asian Patients: A Meta-Analysis. *J Stroke Cerebrovasc Dis* 2018;27:857-64. (IF: 1.598)
98. ^{2,5}Wang TH, Liu CJ, Chao TF, Chen TJ, Hu YW*. Second primary malignancy risk after radiotherapy in rectal cancer survivors. *World J Gastroenterol* 2018;24:4586-95. (IF:3.300)
99. ^{2,5}Wei JH, Lee WJ*, Chong K, Lee YC, Chen SC, Huang PH, Lin SJ. High Incidence of Secondary Hyperparathyroidism in Bariatric Patients: Comparing Different Procedures. *Obes Surg* 2018; 28:798-804.(IF:3.890)
100. ^{2,5}Weng CJ, Li CH, Liao YC, Lin CC, Lin JC, Chang SL, Lo CP, Huang KC, Huang JL, Lin CH, Hsieh YC*,Wu TJ. Rhythm control better prevents stroke and mortality than rate control strategies in patients with atrial fibrillation - A nationwide cohort study. *Int J Cardiol* 2018;270:154-9. (IF:4.034)
101. ^{2,5}Wongcharoen W, Lin YJ*, Chung FP, Chen YY, Chao TF, Chen PC, Chien KL, Chen SA. Radiofrequency ablation of accessory pathways in patients with the Wolff-Parkinson-White syndrome: long-term risk of mortality and coronary events. *Europace* 2018;20:1035-42. (IF:5.231)
102. ²Wu CH, Chou RH, Kuo CS, Huang PH*, Chang CC, Leu HB, Huang CC, Chen JW, Lin SJ. Circulating Fibroblast Growth Factor 21 is Associated with Subsequent Renal Injury Events in Patients Undergoing Coronary Angiography. *Sci Rep* 2018;8:12425. (IF:4.122)
103. ²Wu TC, Chiang CY, Chan JS, Lee CY, Leu HB, Huang PH, Chen JS, Lin SJ, Chen JW*. Tocilizumab, a Humanized Monoclonal Antibody Against the Interleukin-6 Receptor, Inhibits High Glucose-Induced Vascular Smooth Muscle Cell Migration Through Mitogen-Activated Protein Kinase Signaling Pathways. *J Interferon Cytokine Res* 2018;38:510-6. (IF:2.419)
104. ^{2,5}Yamada S, Chung FP, Lin YJ, Chang SL, Lo LW, Hu YF, Chao TF, Liao JN, Lin CH, Lin CY, Chang YT, Te ALD, Liao YC, Chi PC, Chen SA*. Electrocardiographic characteristics for predicting idiopathic right ventricular outflow tract premature ventricular complex-induced cardiomyopathy. *J Interv Card Electrophysiol* 2018;53:175-85. (IF:1.522)
105. ^{2,5}Yamada S, Chung FP, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chao TF, Liao JN, Lin CH, Lin CY, Chang YT, Chang TY, Te ALD, Chen SA*. Electrocardiographic features of failed and recurrent right ventricular outflow tract catheter ablation of idiopathic ventricular arrhythmias. *J Cardiovasc Electrophysiol* 2018;29:127-37. (IF:2.873)
106. ^{2,5}Yamada S, Fong MC, Hsiao YW, Chang SL*, Tsai YN, Lo LW, Chao TF, Lin YJ, Hu YF, Chung FP, Liao JN, Chang YT, Li HY, Higa S, Chen SA. Impact of Renal Denervation on Atrial rrythmogenic Substrate in Ischemic Model of Heart Failure. *J Am Heart Assoc* 2018;7(2). pii: e007312. (IF:4.450)
107. ^{2,5}Yamada S, Hsiao YW, Chang SL*, Lin YJ, Lo LW, Chung FP, Chiang SJ, Hu YF, Tuan TC, Chao TF, Liao JN, Lin CY, Chang YT, Te ALD, Tsa, YN, Chen SA. Circulating microRNAs in arrhythmogenic right ventricular cardiomyopathy with ventricular arrhythmia. *Europace* 2018;20:f37-45. (IF:5.231)
108. ^{2,5} Yang SF, Chou RH, Li SY, Huang SS, Huang PH*. Serum Corin Level Is Associated With Subsequent Decline in Renal Function in Patients With Suspected Coronary Artery Disease. *J Am Heart Assoc* 2018;7(10). pii: e008157. (IF:4.450)
109. ^{1,5}Zhang J, Yin YJ, Chen LL, Chu C, Wang Y, Lv YB, He M, Martin M, Huang PH, Mu JJ*, Shyy JYJ, Yuan ZY. Short-Term High-Salt Diet Increases Corin Level to Regulate the Salt-Water Balance in Humans and Rodents. *Am J Hypertens* 2018;31:253-60. (IF:3.046)

Endocrinology and Metabolism

1. ^{2,4}Chang CC, Wu CH, Liu LK, Chou RH, Kuo CS, Huang PH*, Chen LK*, Lin SJ. Association between serum uric acid and cardiovascular risk in nonhypertensive and nondiabetic individuals: The Taiwan I-Lan Longitudinal Aging Study. *Sci Rep* 2018;8:5234 (IF 4.122)
2. ^{2,5}Chiang SC, Kwok CF, Chen TJ, Chen HS, Liu JY, Hwang SJ, Bai YM, Tom Su TP, Ho LT*. The Shipai cohort for cardiovascular metabolic risk factors and outcome study - Design and preliminary results. *J Chin Med Assoc* 2018;81:884-91 (IF 1.660)
3. ^{2,5}Chiu HY, Lin LY, Chou WC, Fang WL, Shyr YM, Yeh YC, Chang MH, Chen MH, Hung YP, Chao Y, Chien SH*, Chen MH. Toxicities, safeties and clinical response of dacarbazine-based chemotherapy on neuroendocrine tumors in Taiwan population. *J Chin Med Assoc* 2018;81:423-8. (IF:1.660)
4. ^{2,5}Chu CH*, Chiou SR, Wang MC, Shiao AS, Tu TY, Lin LY, Huang CY, Liao WH. The Efficacy of Concurrent or Sequential Intravenous and Intratympanic Steroid for Idiopathic Sudden Sensorineural Hearing Loss. *Audiol Neurotol* 2018;23:277-84. (IF:2.078)
5. ^{2,5}Hsu CY, Su YW, Chen SC*. Sick sinus syndrome associated with anti-programmed cell death-1. *J Immunother Cancer* 2018;6(1):72. (IF:8.374)
6. ^{2,5}Huang CC, Hsu HC, Yang LY, Chen CH, Yang YY*, Chang CC, Chuang CL, Lee WS, Lee FY, Hwang SJ. Peer-assisted learning model enhances clinical clerk's procedural skills. *J Chin Med Assoc* 2018;81:747-53. (IF:1.660)
7. ²Huang CC*, Lee FY, Yang LY, Yang YY, Chen CH, Liang JF, Cheng HM, Huang CC, Hwang SJ. Mixed simulation course increases participants' positive stress coping abilities. *J Chin Med Assoc* 2018;81:58-63. (IF:1.66)
8. ²Huang CJ, Lee CH, Chang YH, Won JG*. Paravesical (urachal) paraganglioma (PGL) presenting as hypertensive crisis during micturition, mimicking bladder PGL. *Journal of the Formosan Medical Association*. 2018;117:247-9. (IF:2.452)
9. ²Hwu CM*, Lin YC, Lin KH. β -Cell function in postmenopausal women with isolated post-challenge hyperglycemia. *J Diabetes* 2018;10:158-65. (IF:3.213)
10. ²Hwu CM*, Liou HH, Lee CJ, Hsu BG. A positive association between interleukin-1 receptor antagonist and insulin resistance in postmenopausal women. *Gynecol Endocrinol* 2018;34:574-8. (IF:1.453)
11. ²Kuo CS, Lu YW, Hsu CY, Chang CC, Chou RH, Liu LK, Chen LK*, Huang PH*, Chen JW, Lin SJ*. Increased activin A levels in prediabetes and association with carotid intima-media thickness: a cross-sectional analysis from I-Lan Longitudinal Aging Study. *Sci Rep* 2018;8:9957. (IF 4.122)
12. ^{2,5}Lin DC, Wu KY, Sun FJ, Huang CC, Wu TH, Shih SL, Tsai PS*, A quantitative image analysis using MRI for diagnosis of biliary atresia. *Clinical Imaging* 2018;53:186-90. (IF 1.014)
13. ^{2,3}Lin LY, Chang SC, O'Hearn J, Hui ST, Seldin M, Gupta P, Bondar G, Deng M, Jauhiainen R, Kuusisto J, Laakso M, Sinsheimer JS, Deb A, Rau C, Ren S, Wang Y, Lusic AJ, Wang JJ*, Huertas-Vazquez A*. Systems Genetics Approach to Biomarker Discovery: GPNMB and Heart Failure. *G3 (Bethesda)* 2018;8:3499-506. (IF:2.742)
14. ^{2,5}Lin YC, Lin YC, Peng CC, Chen KC, Chen HH, Fang TC, Sung SY, Wu MS*. Effects of Cholesterol Levels on Mortality in Patients with Long-Term Peritoneal Dialysis Based on Residual Renal Function. *Nutrients* 2018;10(3). pii: E300. (IF:4.196)
15. ^{2,5}Liu CC, Chang HT, Chiang SC, Chen HS, Lin MH, Chen TJ, Hwang SJ*. Sex differences in relationships between metabolic syndrome components and factors associated with health-related quality of life in middle-aged adults living in the community: a cross-sectional study in Taiwan. *Health Qual Life Outcomes* 2018;16:76. (IF 2.278)
16. ^{2,5}Sheu SJ, Lin WL, Kao Yang YH, Hwu CM, Cheng CL*. Pay for performance program

- reduces treatment needed diabetic retinopathy - a nationwide matched cohort study in Taiwan. *BMC Health Serv Res* 2018;18:638. (IF 1.843)
17. ^{22,5}Shih KC, Kwok CF*. Exercise reduces body fat and improves insulin sensitivity and pancreatic β -cell function in overweight and obese male Taiwanese adolescents. *BMC Pediatr.* 2018;18:80. (IF 2.042)
 18. ^{2,4}Su YB, Li TH, Huang CC, Tsai HC, Huang SF, Hsieh YC, Yang YY*, Huang YH, Hou MC, Lin HC. Chronic calcitriol supplementation improves the inflammatory profiles of circulating monocytes and the associated intestinal/adipose tissue alteration in a diet-induced steatohepatitis rat model. *PLoS One* 2018;13:e0194867. (IF:2.766)
 19. ^{2,4}Sun YS, Sun IT, Wang HK, Yang AH, Tsai CY, Huang CJ, Huang DF*, Lai CC*. Risk of complications of ultrasound-guided renal biopsy for adult and pediatric patients with systemic lupus erythematosus. *Lupus* 2018;27:828-36. (IF: 2.969)
 20. ²Wang FF, Tang KT*, Pan WH, Won JG, Hsieh YT, Huang CJ. Iodine Status of Taiwanese Population in 2013: 10 Years After Changing From Mandatory to Voluntary Salt Iodization. *Food Nutr Bull* 2018;39:75-85. (IF: 1.881)
 21. ^{2,5}Wang WC, Chiu YF, Chung RH, Hwu CM, Lee IT, Lee CH, Chang YC, Hung KY, Quertermous T, Chen YDI, Hsiung CA*. IGF1 Gene Is Associated With Triglyceride Levels In Subjects With Family History Of Hypertension From The SAPPHIRe And TWB Projects. *Int J Med Sci* 2018;15:1035-42. (IF 2.284)
 22. ^{2,5}Wu CH, Chou RH, Kuo CS*, Huang PH*, Chang CC, Leu HB, Huang CC, Chen JW, Lin SJ. Circulating Fibroblast Growth Factor 21 is Associated with Subsequent Renal Injury Events in Patients Undergoing Coronary Angiography. *Sci Rep* 2018;8:12425. (IF 4.122)
 23. ^{2,5}Wu TE, Chen HS*. Increased Prevalence of Proliferative Retinopathy in Acromegaly. *J Chin Med Assoc* 2018;81:230-5. (IF:1.660).
 24. ^{2,5}Yen FS, Chen WS, Wei JC, Hsu CC*, Hwu CM*. Effects of metformin use on total mortality in patients with type 2 diabetes and chronic obstructive pulmonary disease: A matched-subject design. *PLoS One* 2018;13:e0204859. (IF 2.766)

Infectious Diseases

1. ^{1,5}Chang CH, Tsai SW, Chen CF, Wu PK, Wong WW, Chang MC, Chen WM. Optimal timing for elective total hip replacement in HIV-positive patients. *Orthop Traumatol-Surg Res* 2018;104:671-4. (IF:1.413)
2. ^{2,5}Chang YY, Liu YM, Liu CP, Kuo SC, Chen TL. Impact of reduced tigecycline susceptibility on clinical outcomes of *Acinetobacter* bacteremia. *J Microbiol Immunol Infect* 2018;51:148-52. (IF:2.094)
3. ^{2,5}Chen CT, Wang YC, Kuo SC, Shih FH, Chen TL, How CK, Yang YS, Lee YT. Community-acquired bloodstream infections caused by *Acinetobacter baumannii*: A matched case-control study. *J Microbiol Immunol Infect* 2018;51:629-35. (IF:2.094)
4. ^{2,5}Cheng YH, Lin TL, Lin YT, Wang JT*. A putative RND-type efflux pump, H239_3064, contributes to colistin resistance through CrrB in *Klebsiella pneumoniae*. *J Antimicrob Chemother.* 2018;73:1509-16. (IF:5.217)
5. ^{2,5}Chiu SK, Ma L, Chan MC, Lin YT, Fung CP, Wu TL, Chuang YC, Lu PL, Wang JT, Lin JC, Yeh KM*. Carbapenem Nonsusceptible *Klebsiella pneumoniae* in Taiwan: Dissemination and Increasing Resistance of Carbapenemase Producers During 2012-2015. *Sci Rep* 2018;8:8468. (IF:4.122)
6. ^{2,4}Chuang CL, Chang CC, Hsu SJ, Huang HC, Lee FY, Huang LJ, Lee SD. Endotoxemia-enhanced renal vascular reactivity to endothelin-1 in cirrhotic rats. *Am J Physiol-Gastroint Liver Physiol* 2018;315:G752-61. (IF:3.293)

7. ^{2,5}Feng JY, Pan SW, Huang SF, Chen YY, Lin YY, Su WJ. Depressed Gamma Interferon Responses and Treatment Outcomes in Tuberculosis Patients: a Prospective Cohort Study. *J Clin Microbiol* 2018;56(10). pii: e00664-18. (IF:4.054)
8. ^{2,5}Huang HH, Chen PY, Hu RM, Lin YT, Li LH, Yang TC*. Impacts of L1 Promoter Variation and L2 Clavulanate Susceptibility on Ticarcillin-Clavulanate Susceptibility of *Stenotrophomonas maltophilia*. *Antimicrob Agents Chemother* 2018;62(11). pii: e01222-18. (IF:4.255)
9. ^{2,5}Huang HH, Lin YT, Chen PY, Li LH, Ning HC, Yang TC*. ClpA and HtpX Proteases Are Involved in Intrinsic Aminoglycoside Resistance of *Stenotrophomonas maltophilia* and Are Potential Aminoglycoside Adjuvant Targets. *Antimicrob Agents Chemother* 2018;62. pii: e00554-18. (IF:4.255)
10. ²Huang SF, Chen MH, Wang FD, Tsai CY, Fung CP*, Su WJ*. Efficacy of isoniazid salvage therapy for latent tuberculosis infection in patients with immune-mediated inflammatory disorders - A retrospective cohort study in Taiwan. *J Microbiol Immunol Infect* 2018;51:784-93. (IF:2.094)
11. ²Huang YC, Lin YT*, Wang FD. Comparison of the therapeutic efficacy of fluoroquinolone and nonfluoroquinolone treatment in patients with *Elizabethkingia meningoseptica* bacteraemia. *Int J Antimicrob Agents* 2018;51:47-51. (IF:4.253)
12. ^{2,5}Huang YH, Chou SH, Liang SW, Ni CE, Lin YT*, Huang YW, Yang TC. Emergence of an XDR and carbapenemase-producing hypervirulent *Klebsiella pneumoniae* strain in Taiwan. *J Antimicrob Chemother* 2018;73:2039-46. (IF:5.217)
13. ^{1,5}Jean SS, Lee WS, Yu KW, Liao CH, Hsu CW, Chang FY, Ko WC, Chen RJ, Wu JJ, Chen YH, Chen YS, Liu JW, Lu MC, Lam C, Liu CY, Hsueh PR. Corrigendum to "Rates of susceptibility of carbapenems, ceftobiprole, and colistin against clinically important bacteria collected from intensive care units in 2007: Results from the Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART) (vol 49, pg 969, 2016). *J Microbiol Immunol Infect* 2018;51:423-4. (IF:2.094)
14. ^{2,5}Jean SS, Lu MC, Shi ZY, Tseng SH, Wu TS, Lu PL, Shao PL, Ko WC, Wang FD*, Hsueh PR. In vitro activity of ceftazidime–avibactam, ceftolozane–tazobactam, and other comparable agents against clinically important Gram-negative bacilli: results from the 2017 Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART). *Infect Drug Resist* 2018;11:1983-92. (IF:3.443)
15. ^{1,5}Jiamsakul A, Kerr SJ, Kiertiburanakul S, Azwa I, Zhang FJ, Chaiwarith R, Wong WW, Ly PS, Kumarasamy N, Ditangco R, Pujari S, Yunihastuti E, Do CD, Merati TP, Nguyen KV, Lee MP, Choi JY, Oka S, Kantipong P, Sim BLH, Ng OT, Ross J, Law M. Early suboptimal ART adherence was associated with missed clinical visits in HIV-infected patients in Asia. *Aids Care-Psychol Socio-Med Asp Aids-Hiv* 2018;30:1560-6. (IF:1.994)
16. ^{1,5}Jiamsakul A, Lee MP, Nguyen KV, Merati TP, Cuong DD, Ditangco R, Yunihastuti E, Ponnampalavanar S, Zhang F, Kiertiburanakul S, Avihingsanon A, Ng OT, Sim BLH, Wong WW, Ross J, Law M. Socio-economic status and risk of tuberculosis: a case-control study of HIV-infected patients in Asia. *Int J Tuberc Lung Dis* 2018;22:179-86. (IF:2.392)
17. ^{1,5}Jiamsakul A, Yunihastuti E, Van Nguyen K, Merati TP, Do CD, Ditangco R, Ponnampalavanar S, Zhang F, Kiertiburanakul S, Lee MP, Avihingsanon A, Ng OT, Sim BL, Wong W, Ross J, Law M. Mortality following diagnosis of tuberculosis in HIV-infected patients in Asia. *HIV Med* 2018;19:E70-1. (IF:2.932)
18. ^{1,5}Joshi K, Boettiger D, Kerr S, Nishijima T, Van Nguyen K, Ly PS, Lee MP, Kumarasamy N, Wong WW, Kantipong P, Cuong DD, Kamarulzaman A, Choi JY, Zhang FJ, Chaiwarith R, Ng OT, Kiertiburanakul S, Sim BLH, Merati TP, Yunihastuti E, Ditangco R, Ross J, Pujari S. Changes in renal function with long-term exposure to antiretroviral therapy in HIV-infected adults in Asia. *Pharmacoepidemiol Drug Saf* 2018;27:1209-16. (IF:2.314)

19. ^{2,4}Kuo L, Chao TF, Liu CJ, Chen SJ, Tuan TC, Lin YJ, Chang SL, Lo LW, Hu YF, Chung FP, Liao JN, Chen TJ, Lip GYH, Chen SA*. Usefulness of the CHA₂DS₂-VASc Score to Predict the Risk of Sudden Cardiac Death and Ventricular Arrhythmias in Patients With Atrial Fibrillation. *Am J Cardiol* 2018;122:2049-54. (IF:3.171)
20. ^{2,5}Lai CC[#], Lin YT[#], Lin YT, Lu MC, Shi ZY, Chen YS, Wang LS, Tseng SH, Lin CN, Chen YH, Ko WC, Wang FD*, Hsueh PR; Infection Control Society of Taiwan. Clinical characteristics of patients with bacteraemia due to the emergence of mcr-1 -harbouring Enterobacteriaceae in humans and pigs in Taiwan. *Int J Antimicrob Agents* 2018; 52:651-7. (IF:4.253)
21. ^{1,5}Lee Y, Lee YT, Wang YC, Chen CT, Sun JR, Liu CP, Liu YM, Kuo SC, Chiu CH, Yang YS, Lin JC, Chen TL. Risk of Mortality of Catheter-Related Bloodstream Infections Caused by Acinetobacter Species: Is Early Removal of the Catheters Associated With a Better Survival Outcome? *J Intensive Care Med* 2018;33:361-9. (IF:2.514)
22. ^{2,4}Liao JN, Chao TF, Liu CJ, Chen SJ, Hung CL, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chung FP, Chen TJ, Lip GYH, Chen SA*. Seasonal variation in the risk of ischemic stroke in patients with atrial fibrillation: A nationwide cohort study. *Heart Rhythm* 2018;15:1611-6. (IF:4.743)
23. ^{2,5}Lin WJ, Tung CY, Yen MY, Chan YJ, Lin CH, Hsueh PR. A novel target pathogen identification and tracking system using capillary electrophoresis-random amplified polymorphic DNA. *Sci Rep* 2018;8:15365. (IF:4.122)
24. ²Lin YT*, Cheng YH, Juan CH, Wu PF, Huang YW, Chou SH, Yang TC, Wang FD. High mortality among patients infected with hypervirulent antimicrobial-resistant capsular type K1 *Klebsiella pneumoniae* strains in Taiwan. *Int J Antimicrob Agents* 2018;52:251-7. (IF:4.253)
25. ^{2,4}Liu CW, Huang CC, Tsai HC, Su YB, Huang SF, Lee KC, Hsieh YC, Li TH, Tsai CY, Chong LW, Ou SM, Yang YY, Fan WC, Hou MC, Lin HC, Lee SD. Serum adrenomedullin and urinary thromboxane B-2 help early categorizing of acute kidney injury in decompensated cirrhotic patients: A prospective cohort study. *Hepatol Res* 2018;48:E9-21. (IF:3.418)
26. ^{2,4}Liu CW, Tsai HC, Huang CC, Tsai CY, Su YB, Lin MW, Lee KC, Hsieh YC, Li TH, Huang SF, Yang YY, Hou MC, Lin HC, Lee FY, Lee SD. Effects and mechanisms of caffeine to improve immunological and metabolic abnormalities in diet-induced obese rats. *Am J Physiol-Endocrinol Metab* 2018;314:E433-47. (IF:4.018)
27. ^{2,5}Lu PL, Liu WL, Lo HJ, Wang FD, Ko WC, Hsueh PR, Ho MW, Liu CE, Chen YH*, Chen YC, Chuang YC, Chang SC. Are we ready for the global emergence of multidrug-resistant *Candida auris* in Taiwan? *J Formos Med Assoc* 2018;117:462-70. (IF:2.452)
28. ^{2,4}Pan SW, Yen YF, Kou YR, Chuang PH, Su VYF, Feng JY, Chan YJ, Su WJ. The Risk of TB in Patients With Type 2 Diabetes Initiating Metformin vs Sulfonylurea Treatment. *Chest* 2018;153:1347-57. (IF:7.652)
29. ^{2,5}Shaw LF, Chen IH, Chen CS, Wu HH, Lai LS, Chen YY, Wang FD. Factors influencing microbial colonies in the air of operating rooms. *BMC Infect Dis* 2018;18:4. (IF:2.620)
30. ^{2,4}Su CF[#], Chuang C[#], Lin YT*, Chan YJ, Lin JC, Lu PL, Huang CT, Wang JT, Chuang YC, Siu LK, Fung CP. Treatment outcome of non-carbapenemase-producing carbapenem-resistant *Klebsiella pneumoniae* infections: a multicenter study in Taiwan. *Eur J Clin Microbiol Infect Dis* 2018;37:651-9. (IF:2.537)
31. ^{2,4}Su YB, Li TH, Huang CC, Tsai HC, Huang SF, Hsieh YC, Yang YY, Huang YH, Hou MC, Lin HC. Chronic calcitriol supplementation improves the inflammatory profiles of circulating monocytes and the associated intestinal/adipose tissue alteration in a diet-induced steatohepatitis rat model. *PLoS One* 2018;13:e0194867. (IF:2.766)
32. ^{2,4}Tsai HC, Li TH, Huang CC, Huang SF, Liu RS, Yang YY, Hsieh YC, Lee KC, Huang YH, Hou MC, Lin HC. Beneficial Effects of the Peroxisome Proliferator-Activated Receptor

- alpha/gamma Agonist Aleglitazar on Progressive Hepatic and Splanchnic Abnormalities in Cirrhotic Rats with Portal Hypertension. *Am J Pathol* 2018;188:1608-24. (IF:4.069)
33. ²Wang FD[#], Wang YP[#], Chen CF, Chen HP. The incidence rate, trend and microbiological aetiology of prosthetic joint infection after total knee arthroplasty: A 13 years' experience from a tertiary medical center in Taiwan. *J Microbiol Immunol Infect* 2018;51:717-22. (IF: 2.094)
 34. ^{2,4}Wang HY, Yang CF, Chiou TJ, Gau JP, Chen PM, Tsai CY, Hsu HC, Wang FD, Liu JH, Hsiao LT. Primary bone marrow lymphoma: A hematological emergency in adults with fever of unknown origin. *Cancer Med* 2018;7:3713-21. (IF:3.202)
 35. ^{2,5}Wang YC, Huang TW, Yang YS, Kuo SC, Chen CT, Liu CP, Liu YM, Chen TL, Chang FY, Wu SH, How CK, Lee YT. Biofilm formation is not associated with worse outcome in *Acinetobacter baumannii* bacteraemic pneumonia. *Sci Rep* 2018;8:7289. (IF:4.122)
 36. ^{2,5}Wu CJ, Chiu TT, Lin YT, Huang YW, Li LH, Yang TC*. Role of smeU1VWU2X Operon in Alleviation of Oxidative Stresses and Occurrence of Sulfamethoxazole-Trimethoprim-Resistant Mutants in *Stenotrophomonas maltophilia*. *Antimicrob Agents Chemother* 2018; 62(2). pii:e02114-17. (IF:4.256)
 37. ²Wu PF, Lin YT*, Wang FD, Yang TC, Fung CP. Is fluoroquinolone monotherapy a useful alternative treatment for *Pseudomonas aeruginosa* bacteraemia? *Infection*. 2018;46(3):365-73. (IF:2.773)
 38. ^{2,4}Wu PS, Chuang C, Wu PF, Lin YT*, Wang FD. Anaerobic coverage as definitive therapy does not affect clinical outcomes in community-onset bacteremic biliary tract infection without anaerobic bacteremia. *BMC Infect Dis* 2018;18:277. (IF:2.620)
 39. ^{2,5}Yeh CY, Wang FD, Chuang YC, Yang CJ, Huang SF, Weng WS, Liaw CH, Sheng WH*. Clinical outcomes and prognostic factors of patients with severe influenza receiving intravenous peramivir salvage therapy in intensive care units. *J Microbiol Immunol Infect* 2018;51:697-704. (IF:2.094)

Nephrology

1. ^{2,4}Chang FM, Tarng DC, Yang CY*. Starry-sky bowels. *Int J Colorectal Dis* 2018; 33:1807-8. (IF=2.533)
2. ^{1,5}Chao PC*, Chiang PY, Kao YH, Tu TY, Yang CY, Tarng DC, Wey CL. A portable, wireless photoplethysmography sensor for assessing health of arteriovenous fistula using class-weighted support vector machine. *Sensors (Basel)* 2018; 18(11). pii: E3854. (IF: 2.475)
3. ^{2,4}Chen, FY ; Chen, CH ; Lin, CC*. Hypertensive crisis and refractory hypertension caused by atypical hemolytic uremic syndrome and effect of Eculizumab. *Acta Cardiol Sin* 2018; 34 :446-9. (IF: 0.927)
4. ^{2,4}Chen, WC ; Ou, SM*. Nephrotic syndrome complicated with femoral vein catheter-related phlegmasia cerulea dolens: A case report. *Hemodial Int* 2018; 22 :E49-52. (IF=1.237)
5. ²Chen YY, Huang WC, Huang MH, Lu TM, Hsu CP*. The intra-pericardial paraganglioma presenting as ascites and hemopericardium with impending tamponade. *Int Heart J* 2018;59:664-7. (IF:1.826)
6. ^{1,5}Chiang PY*, Chao PCP, Yang CY, Tarng DC. Theoretical developments and clinical experiments of measuring blood flow volume (BFV) at arteriovenous fistula (AVF) using a photoplethysmography (PPG) sensor. *Microsyst Technol* 2018; 24:4587-603. (IF: 1.581)
7. ^{2,5}Chu YC, Kuo WT, Cheng YR, Lee CY, Shiau CY, Tarng DC, Lai F*. A Survival Metadata Analysis Responsive Tool (SMART) for web-based analysis of patient survival and risk. *Sci Rep* 2018; 8(1):12880. (IF: 4.122)

8. ^{1,5}Jheng JR, Chen YS, Ao UI, Chan DC, Huang JW, Hung KY, Tarng DC, Chiang CK*. The double-edged sword of endoplasmic reticulum stress in uremic sarcopenia through myogenesis perturbation. *J Cachexia Sarcopenia Muscle* 2018; 9:570-84. (IF: 12.511)
9. ^{2,5}Kuo KL, Hung SC, Tseng WC, Liu JS, Lin MH, Hsu CC, Tarng DC*. Dipyridamole decreases dialysis risk and improves survival in patients with pre-dialysis advanced chronic kidney disease. *Oncotarget* 2018;9:5368-77. (IF:5.168 (2016年) , 2017 無))
10. ^{2,5}Kuo KL, Hung SC, Tseng WC, Tsai MT, Liu JS, Lin MH, Hsu CC, Tarng DC*, Taiwan Society of Nephrology Renal Registry Data System. Association of anemia and iron parameters with mortality among patients undergoing prevalent hemodialysis in Taiwan: The AIM - HD Study. *J Am Heart Assoc* 2018;7(15):e009206. (IF: 4.45)
11. ²Li SY, Susztak K*. The role of peroxisome proliferator-activated receptor gamma coactivator 1 alpha (PGC-1 alpha) in kidney disease. *Semin Nephrol* 2018; 38:121-6. (IF: 3.35)
12. ^{2,4}Liao HT, Lin MC, Tsai CY, Hsu CY, Wu TH*. Renal transplantation delays major adverse cardiac events (MACEs) in patients with end-stage renal disease: A nationwide population-based study. *J Chin Med Assoc* 2018; 81 :766-71. (IF: 1.660)
13. ^{2,5}Lin TY, Peng CH, Hung SC, Tarng DC*. Body composition is associated with clinical outcomes in patients with non-dialysis-dependent chronic kidney disease. *Kidney international* 2018;93:733-40. (IF: 8.429)
14. ^{2,5}Liu CH, Yang AH, Ou SM*, Tarng DC*. The first reported case of cytomegalovirus gastritis in a patient with end-stage renal disease. *Am J Med Sci* 2018; 355:607-9. (IF: 1.773)
15. ^{2,4}Liu CW, Huang CC, Tsai HC, Su YB, Huang SF, Lee KC, OU SM, Yang YY*, Fan WC, Hou MC, Lin HC*, Lee SD. Serum adrenomedullin and urinary thromboxane B2 help early categorizing of acute kidney injury in decompensated cirrhotic patients: A prospective cohort study. *Hepato Res* 2018; 48:E9-e21. (IF:2.602)
16. ^{2,5}Liu WS, Lai YT, Chan HL, Li SY, Lin CC, Liu CK, Tsou HH, Liu TY*. Associations between perfluorinated chemicals and serum biochemical markers and performance status in uremic patients under hemodialysis. *PLoS One* 2018;13(7):e0200271. (IF: 2.766)
17. ^{2,5}Liu WS, Chan HL, Lai YT, Lin CC, Li SY, Liu CK, Tsou HH, Liu TY*. Dialysis membranes influence perfluorochemical concentrations and liver function in patients on hemodialysis. *Int J Environ Res Public Health* 2018;15(11). pii: E2574. (IF: 2.145)
18. ^{2,4}Shen CI, Tarng DC, Yang CY*. Double diaphragmatic contour. *Abdom Radiol (NY)* 2018; 43:1277-8. (IF: 1.506)
19. ^{2,5}Shih CH, Lee YJ, Chao PW, Kuo SC, Ou SM, Huang HM*, Chen YT*. Association between influenza vaccination and the reduced risk of acute kidney injury among older people: A nested case-control study. *Eur J Intern Med* 2018;54:65-9. (IF=3.282)
20. ²Tsai MT, Chang TH, Wu BJ*. Prognostic impact of nutritional risk assessment in patients with chronic schizophrenia. *Schizophr Res* 2018;192:137-41. (IF: 3.958) (桃園分院)
21. ²Tsai MT, Chen YY, Chang WJ, Li SY*. Warfarin accelerated vascular calcification and worsened cardiac dysfunction in remnant kidney mice. *J Chin Med Assoc* 2018; 81(4):324-330. (IF:1.66)
22. ²Tsai MT, Lee SM, Chen HK, Wu BJ*. Association between frailty and its individual components with the risk of falls in patients with schizophrenia spectrum disorders. *Schizophr Res* 2018;197:138-43. (IF:3.958)
23. ²Tseng WC, Chen YT, Ou SM, Shih CJ, Tarng DC*, Taiwan Geriatric Kidney Disease (TGKD) Research Group. U-shaped association between serum uric acid levels with cardiovascular and all-cause mortality in the elderly: The role of malnourishment. *J Am Heart Assoc* 2018;7(4). pii: e007523. (IF:4.45)
24. ^{1,5}Wu CK, Lin CH, Hsu CC, Tarng DC, Kor CT, Chen YC, Wu CL*, Chang CC.

- Association of early loss of primary functional patency of arteriovenous access with mortality in incident hemodialysis patients: A nationwide population-based observational study. *Medicine (Baltimore)* 2018;97:e11630. (IF: 2.028)
25. ^{1,5}Wu CL, Chang CC, Kor CT, Yang TH, Chiu PF, Tarng DC*, Hsu CC. Hydroxychloroquine Use and Risk of CKD in Patients with Rheumatoid Arthritis. *Clin J Am Soc Nephrol* 2018;13:702-9. (IF: 5.835)
 26. ^{2,5}Wu CL, Kor CT, Chang CC, Chiu PF, Tarng DC*, Hsu CC. Association of statin use with mortality after dialysis-requiring acute kidney injury: A Population-Based Cohort Study. *Mayo Clin Proc* 2018;93:1474-83. (IF:7.199)
 27. ²Wu TH, Li KJ, Yu CL, Tsai CY*. Tamm-Horsfall protein is a potent immunomodulatory molecule and a disease biomarker in the urinary system. *Molecules* 2018;23, 200. (IF: 3.098)
 28. ²Yang CY, Tarng DC*. Diet, gut microbiome and indoxyl sulphate in chronic kidney disease patients. *Nephrology (Carlton)* 2018;23 Suppl 4:16-20. (IF: 2.178)
 29. ^{2,5}Yang SF, Chou RH, Li SY, Huang SS*, Huang PH*. Serum corin level is associated with subsequent decline in renal function in patients with suspected coronary artery disease. *J Am Heart Assoc* 2018;7(10):e008157. (IF=4.450)
 30. ^{2,5}Yang TH, Wu TH, Chang YL, Liao HT, Hsu CC, Tsai CY*, Chou YC. Cyclosporine for the treatment of lupus nephritis in patients with systemic lupus erythematosus. *Clin Nephrol* 2018;89:277-85. (IF:1.352)

Hematology and Oncology

1. ^{2,3,5}Bouyssou JM, Liu CJ#, Bustoros M, Sklavenitis-Pistofidis R, Aljawai Y, Manier S, Yosef A, Sacco A, Kokubun K, Tsukamoto S, Perilla Glen A, Huynh D, Castillo JJ, Treon SP, Leblond V, Hermine O, Roccaro AM, Ghobrial IM, Capelletti M*. Profiling of circulating exosomal miRNAs in patients with Waldenström Macroglobulinemia. *PLoS One* 2018;13:0204589. doi: 10.1371/journal.pone.0204589. (IF: 2.766)
2. ^{2,4}Chao TF, Lip GYH, Liu CJ, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Chen SA*. Relationship of Aging and Incident Comorbidities to Stroke Risk in Patients With Atrial Fibrillation. *J Am Coll Cardiol* 2018;71:122-32. (IF: 16.834)
3. ^{2,4}Chao TF, Liu CJ, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Lip GYH, Chen SA*. Oral Anticoagulation in Very Elderly Patients With Atrial Fibrillation: A Nationwide Cohort Study. *Circulation* 2018;138:37-47. (IF:18.88)
4. ^{2,4}Chao TF, Liu CJ, Tuan TC, Chen TJ, Hsieh MH, Lip GYH, Chen SA*. Lifetime Risks, Projected Numbers and Adverse Outcomes in Asian Patients with Atrial Fibrillation: A Report from the Taiwan Nationwide AF Cohort Study. *Chest* 2018;153:453-66. (IF: 7.652)
5. ^{2,4}Chen CT, Gau JP, Liu JH, Chiou TJ, Hsiao LT, Liu YC*. Early achievement of full donor chimerism after allogeneic hematopoietic stem cell transplantation predicts lower relapse risk in patients with acute lymphoblastic leukemia. *J Chin Med Assoc* 2018;81:1038-43. (IF: 1.66)
6. ^{2,5}Chen KF, Tai WT, Hsu CY, Huang JW, Liu CY, Chen PJ, Kim I, Shiau CW*. Blockade of STAT3 activation by sorafenib derivatives through enhancing SHP-1 phosphatase activity (vol 55, pg 220, 2012). *Eur J Med Chem* 2018;1432015. (IF:4.816)
7. ^{2,4}Chen SC, Chang PMH, Wang HJ, Tai SK, Chu PY, Yang MH*. PD-L1 expression is associated with p16(INK4A) expression in non-oropharyngeal head and neck squamous cell carcinoma. *Oncol Lett* 2018;15:2259-65. (IF:1.664)
8. ^{2,4}Chen YL, Liu YC#, Wu CH, Yeh CM, Chiu HI, Lee GY, Lee YT, Hsu P, Lin TW, Gau JP, Hsiao LT, Chiou TJ, Liu JH, Liu CJ* Role of BMI and age in predicting pathologic

- vertebral fractures in newly diagnosed multiple myeloma patients: A retrospective cohort study. *Hematol Oncol* 2018;36:407-15. (IF:3.193)
9. ^{2,5}Cheng CT, Chen YY, Wu RC, Tsai CY, Chiang KC, Yeh TS, Chen MH*, Yeh CN. MET-RON dual inhibitor, BMS-777607, suppresses cholangiocarcinoma cell growth, and MET-RON upregulation indicates worse prognosis for intra-hepatic cholangiocarcinoma patients. *Oncol Rep* 2018;40:1411-21. (IF:2.976)
 10. ^{2,5}Chiang KC, Yeh CN, Yeh TS, Juang HH, Chen LW, Kuo SF, Chen MH, Chen TC, Takano M, Kittaka A*, Pang JHS. MART-10, a 1 alpha,25(OH)(2)D-3 Analog, Potently Represses Metastasis of ER+ Breast Cancer Cells with VEGF-A Overexpression. *Anticancer Res* 2018;38:3879-87. (IF:1.865)
 11. ^{2,5}Hsu YT, Tsai HJ, Chang JS, Li SS, Tang JL, Yeh SP, Hwang WL, Liu JH, Tan TD, Wang PN, Hsiao HH, Chen TY*. Stem cell transplantation for T-cell lymphomas in Taiwan. *Bone Marrow Transplant* 2018;53:993-1000. (IF:4.497)
 12. ^{2,4}Hu LY, Liu CJ, Yeh CM, Lu T, Hu YW, Chen TJ, Chen PM, Lee SC, Chang CH*. Depressive disorders among patients with gastric cancer in Taiwan: a nationwide population-based study. *BMC Psychiatry* 2018;18:272. (IF: 2.419)
 13. ^{2,4}Kuo L, Chao TF*, Liu CJ, Chen SJ, Tuan TC, Lin YJ, Chang SL, Lo LW, Hu YF, Chung FP, Liao JN, Chen TJ, Lip GYH*, Chen SA. Usefulness of the CHA₂DS₂-VASc Score to Predict the Risk of Sudden Cardiac Death and Ventricular Arrhythmias in Patients With Atrial Fibrillation. *Am J Cardiol* 2018;122:2049-54. (IF: 3.171)
 14. ^{2,3,5}Kurdi AT, Glavey SV, Bezman NA, Jhatakia A, Guerriero JL, Manier S, Moschetta M, Mishima Y, Roccaro A, Detappe A, Liu CJ, Sacco A, Huynh D, Tai YT, Robbins MD, Azzi J, Ghobrial IM*. Antibody-dependent cellular phagocytosis by macrophages is a novel mechanism of action of Elotuzumab. *Molecular Cancer Therapeutics* 2018; 17:1454-63. (IF: 5.365)
 15. ^{2,4}Liao JN, Chao TF, Liu CJ, Chen SJ, Hung CL, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chung FP, Chen TJ, Lip GYH, Chen SA*. Seasonal variation in the risk of ischemic stroke in patients with atrial fibrillation: A nationwide cohort study. *Heart Rhythm* 2018;15:1611-6. (IF: 4.743)
 16. ^{2,4}Lin JS, Lee LH, Liu HM, Chen YJ, Chiou TJ*. Association of IL-6 C-572G Gene Polymorphism with Anti-E Production. *Transfus Med Hemother* 2018;45:48-52. (IF:2.152)
 17. ^{2,3,5}Manier S, Park J, Capelletti M, Bustoros M, Freeman SS, Ha G, Rhoades J, Liu CJ, Huynh D, Reed SC, Gydush G, Salem KZ, Rotem D, Freymond C, Yosef A, Perilla-Glen A, Garderet L, Van Allen EM, Kumar S, Love JC, Getz G, Adalsteinsson VA, Ghobrial IM*. Whole-exome sequencing of cell-free DNA and circulating tumor cells in multiple myeloma. *Nature Communications* 2018;9:1691 (IF: 41.577)
 18. ^{2,3,5}Sklavenitis-Pistofidis R, Capelletti M, Liu CJ, Reidy M, Zavidij O, Huynh D, Henrick P, Savell A, Reyes K, Rivotto B, Bustoros M, Perilla-Glen A, Trippa L, Castillo JJ, Treon SP, Ghobrial IM*. Bortezomib overcomes the negative impact of CXCR4 mutations on survival of Waldenstrom's Macroglobulinemia patients. *Blood* 2018;132:2608-12. (IF:15.132)
 19. ^{2,5}Takagi S, Tsukamoto S, Park J, Johnson KE, Kawano Y, Moschetta M, Liu CJ, Mishima Y, Kokubun K, Manier S, Salem KZ, Huynh D, Sacco A, Forward J, Roccaro AM, Battinelli EM, Ghobrial IM*. Platelets Enhance Multiple Myeloma Progression via IL-1 β Upregulation. *Clinical Cancer Research*. 2018;24:2430-9. (IF:10.199)
 20. ²Wang HY, Yang CF, Chiou TJ, Gau JP, Chen PM, Tsai CY, Hsu HC, Wang FD, Liu JH, Hsiao LT*. Primary bone marrow lymphoma: a hematological emergency in adults with fever of unknown origin. *Cancer Medicine* 2018;7:3713-21. (IF:3.202)
 21. ^{2,5}Wang TH¹, Liu CJ², Chao TF³, Chen TJ⁴, Hu YW*. Second primary malignancy risk after radiotherapy in rectal cancer survivors. World J Gastroenterol 2018;24:4586-95. (IF: 3.3)

Allergy, Immunology and Rheumatology

1. ^{2,5}Chang CC, Lin TM, Chang YS, Chen WS, Sheu JJ, Chen YH, Chen JH*. Autoimmune rheumatic diseases and the risk of Parkinson disease: a nationwide population-based cohort study in Taiwan. *Ann Med* 2018;50:83-90. (IF:3.007)
2. ^{2,5}Chang PM, Cheng CT, Wu RC, Chung YH, Chiang KC, Yeh TS, Liu CY, Chen MH, Chen MH, Yeh CN*. Nab-paclitaxel is effective against intrahepatic cholangiocarcinoma via disruption of desmoplastic stroma. *Oncol Lett* 2018;16:566-72. (IF:1.664)
3. ²Chen MH, Lee MH, Liao HT, Chen WS, Lai CC, Tsai CY*. Health-related quality of life outcomes in patients with rheumatoid arthritis and ankylosing spondylitis after tapering biologic treatment. *Clin Rheumatol* 2018;37:429-38. (IF:2.141)
4. ^{2,5}Chiu HY, Lin LY, Chou WC, Fang WL, Shyr YM, Yeh YC, Chang MS, Chen MH, Hung YP, Chao Y, Chien SH, Chen MH*. Toxicities, safeties and clinical response of dacarbazine-based chemotherapy on neuroendocrine tumors in Taiwan population. *J Chin Med Assoc* 2018;81:423-8. (IF:1.660)
5. ⁵Hsu CY, Yeh LT, Fu SH, Chien MW, Liu YW, Miaw SC, Chang DM, Sytwu HK*. SUMO-defective c-Maf preferentially transactivates Il21 to exacerbate autoimmune diabetes. *J Clin Invest* 2018;128:3779-93. (IF:12.784)
6. ^{2,4}Huang SF, Chen MH, Wang FD, Tsai CY, Fung CP*, Su WJ*. Efficacy of isoniazid salvage therapy for latent tuberculosis infection in patients with immune-mediated inflammatory disorders: a retrospective cohort study in Taiwan. *J Microbiol Immunol Infect* 2018;51:784-93. (IF:2.973)
7. ²Hung ML, Liao HT, Chen WS, Chen MH, Lai CC, Tsai CY*, Chang DM. Invasive aspergillosis in patients with systemic lupus erythematosus: a retrospective study on clinical characteristics and risk factors for mortality. *Lupus* 2018;27:1944-52. (IF:2.969)
8. ^{2,5}Li TH, Liao HT, Huang YF, Shen YC, Chiu YC, Chen WS, Chen MH, Tsai CY*, Chang DM. The current status and unmet needs in the management of psoriatic arthritis: Viewpoint from physicians in Taiwan. *J Formos Med Assoc* 2018;117:404-12. (IF:2.452)
9. ²Liao HT, Lin MC, Tsai CY, Hsu CY, Wu TH*. Renal transplantation delays major adverse cardiac events (MACEs) in patients with end-stage renal disease: A nationwide population-based study. *J Chin Med Assoc* 2018;81:766-71. (IF:1.660)
10. ²Liao HT, Lin YF, Tsai CY, Chou CT*. Bone Morphogenetic Proteins and Dickkopf-1 in Ankylosing Spondylitis. *Scand J Rheumatol* 2018;47:56-61. (IF:3.021)
11. ²Lim SS, Liao HT*, Tsai CY. Telbivudine associated mitochondrial myopathy. *Liver Int* 2018;38:1139. (IF:4.500)
12. ^{2,5}Lin SY, Huang ZH, Chen HC, Chang DM, Lu CC*. Multidrug-resistance *Acinetobacter baumannii* pneumonia in a rheumatoid arthritis patient receiving tumor necrosis factor inhibitor: A case report. *Medicine (Baltimore)* 2018;97:33. (IF:2.028)
13. ^{2,5}Lin TM, Chen WS, Sheu JJ, Chen YH, Chen JH*, Chang CC*. [Autoimmune rheumatic diseases increase dementia risk in middle-aged patients: A nationwide cohort study.](#) *PLoS One* 2018;13:e0186475. (IF:2.766)
14. ²Liu CW, Huang CC, Tsai HC, Su YB, Huang SF, Lee KC, Hsieh YC, Li TH, Tsai CY, Chong LW, Ou SM, Yang YY*, Fan WC, Hou MC, Lin HC*, Lee SD. Serum adrenomedullin and urinary thromboxane B2 help early categorizing of acute kidney injury in de-compensated cirrhotic patients: A prospective cohort study. *Hepatol Res* 2018;48:E9-21. (IF:3.418)
15. ²Liu CW, Tsai HC, Huang CC, Tsai CY, Su YB, Lin MW, Lee KC, Hsieh YC, Li TH, Huang SF, Yang YY*, Hou MC, Lin HC*, Lee FY, Lee SD. Effects and mechanisms of caffeine to improve immunologic and metabolic abnormalities in diet-induced obese rats.

- Am J Physiol Endocr Metab 2018;314:E433-47. (IF:4.018)
16. ^{2,5}Lu HF, Wong HS, Chen BK, Liao HT, Hsu YW, Ikegawa S, Cho EC, Hung KS, Chang WC*. Integrative genomic analysis for the functional roles of ITPKC in bone mineral density. *Biosci Rep* 2018;38:6. (IF:2.899)
 17. ²Su CF, Chuang C, Lin YT*, Chan YJ, Lin JC, Lu PL, Huang CT, Wang JT, Chuang YC, Siu LK, Fung CP. Treatment outcome of non-carbapenemase-producing carbapenem-resistant *Klebsiella pneumoniae* infections: a multicenter study in Taiwan. *Eur J Clin Microbiol Infect Dis* 2018;37:651-9. (IF:2.537)
 18. ^{2,4}Su YB, Li TH, Huang CC, Tsai HC, Huang SF, Hsieh YC, Yang YY*, Huang YH, Hou MC, Lin HC. Chronic calcitriol supplementation improves the inflammatory profiles of circulating monocytes and the associated intestinal/adipose tissue alteration in a diet-induced steatohepatitis rat model. *PLoS One* 2018;13:e0194867. (IF:2.766)
 19. ²Sun YS, Sun IT, Wang HK, Yang AH, Tsai CY, Huang CJ, Huang DF*, Lai CC*. Risk of complications of ultrasound-guided renal biopsy for adult and pediatric patients with systemic lupus erythematosus. *Lupus* 2018;27:828-36. (IF:2.969).
 20. ^{2,4}Tsai HC, Li TH, Huang CC, Huang SF, Liu RS, Yang YY*, Hsieh YC, Lee KC, Huang YH, Hou MC, Lin HC. Beneficial Effects of the Peroxisome Proliferator-Activated Receptor alpha/gamma Agonist Aleglitazar on Progressive Hepatic and Splanchnic Abnormalities in Cirrhotic Rats with Portal Hypertension. *Am J Pathol* 2018;188:1608-24. (IF:4.069)
 21. ^{2,4}Wang HY*, Yang CF, Chiou TJ, Gau JP, Chen PM, Tsai CY, Hsu HC, Wang FD, Liu JH, Hsiao LT*. Primary bone marrow lymphoma: a hematological emergency in adults with fever of unknown origin. *Cancer Med* 2018;7:3713-21. (IF:3.202)
 22. ^{2,4}Wu TH, Li KJ, Yu CL, Tsai CY*. Tamm–Horsfall protein is a potent immunomodulatory molecule and a disease biomarker in the urinary system. *Molecules* 2018;23:200. (IF:2.861)
 23. ^{2,5}Yang TH, Wu TH, Chang YL, Liao HT, Hsu CC, Tsai CY*, Chou YC. Cyclosporine for the treatment of lupus nephritis in patients with systemic lupus erythematosus. *Clin Nephrol* 2018;89:277-85. (IF:1.352)

Clinical Toxicology and Occupational Medicine

1. ^{2,5}Chen M, Yen YF, Lan YC, Jen IA, Chuang PH, Lee CY, Lee Y, Lin YA, Chen YMA. Risk of diffuse infiltrative lymphocytosis syndrome in HIV-infected patients: A nationwide population-based cohort study. *JAIDS* 2018;79:158-63. (IF:4.116)
2. ^{2,5}Cheng CL, Chiang LC, Ho CH, Liu PY, Lai CS, Lai KL, Lin WL, Mao YC. "Ulnar artery pseudoaneurysm and compartment syndrome formation after snake bite to the left forearm" by Lan Pin et al., *Clin Toxicol (Phila)* 2017 Nov 10. *Clin Toxicol* 2018;56:676-7. (IF:4.381)
3. ^{2,5}Lee CY, Jen IA, Lan YC, Yen YF, Chuang PH, Chen M, Lee Y, Chen YMA. AIDS incidence trends at presentation and during follow-up among HIV-at-risk populations: A 15-year nationwide cohort study in Taiwan. *BMC Public Health* 2018;18:589. (IF:2.420)
4. ^{2,5}Liao SC, Mao YC, Hung YM, Lee CH, Yang CC*. Predictive role of QTc prolongation in carbon monoxide poisoning-related delayed neuropsychiatric sequelae. *BioMed Res Int* 2018;2018: 2543018. (IF:2.583)
5. ^{2,5}Lin MS, Lin CC, Chen CY, Huang SY, Chou YH, Yang CC*. Myocardial injury was associated with persistent and delayed neurological sequelae among patients with carbon monoxide poisoning in Taiwan. *J Chin Med Assoc* 2018;81:682-90. (IF:1.660)
6. ^{2,5}Mao YC, Liu PY, Chiang LC, Lai CS, Lai KL, Ho CH, Wang TH, Yang CC*. *Naja atra* snakebite in Taiwan. *Clin Toxicol* 2018;56:273-80. (IF:4.381)
7. ^{2,5}Yang CF, Yang CC, Wang IJ*. Association between allergic diseases, allergic sensitization and attention-deficit/hyperactivity disorder in children: A large-scale,

- population-based study. J Chin Med Assoc 2018;81:277-83. (IF:1.660)
8. ^{2,5}Yen YF, Hu HY, Lee YL, Ku PW, Ko MC, Chuang PH, Lai YJ, Chu DC. Sexual inequality in incident tuberculosis: A cohort study in Taiwan. BMJ Open 2018; 8:e020142. (IF:2.413)
 9. ^{1,5}Yip L*, Deng JF. Idarucizumab dosing in kidney failure. Am J Kidney Dis 2018;71:146. (IF:7.543)
 10. ^{1,5}Yip L*, Deng JF. On the relationship between ibogaine and noribogaine. Clin Toxicol 2018;56:77. (IF:4.381)
 11. ^{1,5}Yip L*, Deng JF. Dabigatran - Idarucizumab-facilitated intravenous thrombolysis - Hemorrhagic transformation. J Neurol Sci 2018;394:120-1. (IF:2.448)

Transfusion Medicine

1. ^{2,5}Chang PM, Chen CH, Yeh CC, Lu HJ, Liu TT, Chen MH, Liu CY, Wu TH, Yang MH, Tai SK, Daria Mochly-Rosen, Huang CY*. Transcriptome analysis and prognosis of ALDH isoforms in human cancer. Sci Rep 2018;8:2713. (IF:4.122)
2. ^{2,5}Chang PM, Cheng CT, Wu RC, Chung YH, Chiang KC, Yeh TS, Liu CY, Chen MH, Chen MH*, Yeh CN*. Nab-paclitaxel is effective against intrahepatic cholangiocarcinoma via disruption of desmoplastic stroma. Oncol Lett 2018;16:566-72. (IF:1.664)
3. ^{2,4}Chen CT, Gau JP, Liu JH, Chiou TJ, Hsiao LT, Liu YC*. Early achievement of full donor chimerism after allogeneic hematopoietic stem cell transplantation predicts lower relapse risk in patients with acute lymphoblastic leukemia. J Chin Med Assoc 2018;81:1038-43. (IF:1.66)
4. ^{2,5}Chen YL, Liu YC, Wu CH, Yeh CM, Chiu HI, Lee GY, Lee YT, Hsu P, Lin TW, Gau JP, Hsiao LT, Chiou TJ, Liu JH, Liu CJ*. Role of BMI and age in predicting pathologic vertebral fractures in newly diagnosed multiple myeloma patients: A retrospective cohort study. Hematol Oncol 2018;36:407-15. (IF:3.193)
5. ²Chiu HY, Lin LY, Chou WC, Fang WL, Shyr YM, Yeh YC, Chang PMH, Chen MH, Hung YP, Chao Y, Chien SH*, Chen MH. Toxicities, safeties and clinical response of dacarbazine-based chemotherapy on neuroendocrine tumors in Taiwan population. J Chin Med Assoc 2018;81:423-8. (IF:1.660)
6. ^{2,5}Chu ST, Chien KH, Lin HH, Wu WH, Jian JY, Tzeng WF, Chiou TJ*. Using marker gene analysis instead of mixed lymphocyte reaction assay for identification of functional CD4+FOXP3+ regulatory T cells. Biotechnol Lett 2018; 40:535-42. (IF:1.846)
7. ^{2,5}Hsu PY, Wu VS, Kanaya N, Petrossian K, Hsu HK, Nguyen D, Schmolze D, Kai M, Liu CY, Lu H, Chu P, Vito CA, Kruper L, Mortimer J, Chen S*. Dual mTOR Kinase Inhibitor MLN0128 Sensitizes HR+/HER2+ Breast Cancer Patient-Derived Xenografts to Trastuzumab or Fulvestrant. Clin Cancer Res 2018;24:395-406. (IF:10.199)
8. ^{2,5}Hu MH, Huang TT, Chao TI, Chen LJ, Chen YL, Tsai MH, Liu CY, Kao JH, Chen KF*. Serine/threonine protein phosphatase 5 is a potential therapeutic target in cholangiocarcinoma. Liver Int 2018;38:2248-59. (IF:4.500)
9. ^{2,5}Huang CH, Liao YF, Fan TH, Chiou TJ, Lin YH, Twu YC*. A Developed NK-92MI Cell Line with Siglec-7neg Phenotype Exhibits High and Sustainable Cytotoxicity against Leukemia Cells. Int J Mol Sci 2018;19:1073. (IF:3.687)
10. ^{2,5}Huang YH, Chu PY, Chen JL, Huang CT, Lee CH, Lau KY, Wang WL, Wang YL, Lien PJ, Tseng LM*, Liu CY*. SET Overexpression is Associated with Worse Recurrence-Free Survival in Patients with Primary Breast Cancer Receiving Adjuvant Tamoxifen Treatment. J. Clin. Med 2018;7. pii: E245. (IF:5.583)
11. ²Lin JS, Lee LH, Liu HM, Chen YJ, Chiou TJ*. Association of *IL-6* C-572G Gene

- Polymorphism with Anti-E Production. *Transfus Med Hemother* 2018;45:48-52. (IF:2.152)
12. ⁵Lin YC, Liu CY, Kannagi R, Yang RB*. Inhibition of Endothelial SCUBE2 (Signal Peptide-CUB-EGF Domain-Containing Protein 2), a Novel VEGFR2 (Vascular Endothelial Growth Factor Receptor 2) Coreceptor, Suppresses Tumor Angiogenesis. *Arterioscler Thromb Vasc Biol* 2018;38:1202-15. (IF:6.086)
 13. ²Liu CY, Hsu CC, Huang TT, Lee CH, Chen JL, Yang SH, Jiang JK, Chen WS, Lee KD, Teng HW*. ER stress-related ATF6 upregulates CIP2A and contributes to poor prognosis of colon cancer. *Mol Oncol* 2018;12:1706-17. (IF:5.264)
 14. ^{2,4}Wang HY*, Yang CF, Chiou TJ, Gau JP, Chen PM, Tsai CY, Hsu HC, Wang FD, Liu JH, Hsiao LT. Primary bone marrow lymphoma: A hematological emergency in adults with fever of unknown origin. *Cancer Med* 2018;7:3713-21. (IF:3.202)

General Medicine

1. ²Chuang CL, Chang CC, Hsu SJ, Huang HC*, Lee FY, Huang LJ, Lee SD. Endotoxemia-enhanced renal vascular reactivity to endothelin-1 in cirrhotic rats. *Am J Physiol Gastrointest Liver Physiol* 2018; 315:G752-61. (IF:3.293)
2. ^{2,4}Hsieh YH, Huang HC, Chang CC, Chuang CL, Lee FY, Hsu SJ*, Huang YH, Hou MC, Lee SD. Nucleos(t)ide Analogs Do Not Independently Influence Hepatic Fibrosis and Portal Hypertension beyond Viral Suppression in CBDL-Induced Cirrhotic Rat. *J Pharmacol Exp Ther* 2018;367:260-6. (IF:3.706)
3. ^{2,4}Hsin IF, Hsu SJ, Chuang CL, Huo TI, Huang HC*, Lee FY, Ho HL, Chang SY, Lee SD. The effects of proton pump inhibitor on hepatic vascular responsiveness and hemodynamics in cirrhotic rats. *J Chin Med Assoc* 2018;81:585-92. (IF:1.660)
4. ^{2,4}Hsin IF, Huang HC, Chang CC, Hsu SJ*, Lee FY, Huo TI, Chuang CL, Hou MC, Lee SD. Insulin reverses major portal hypertension-related derangements in rats with liver cirrhosis and diabetes. *Clin Sci (Lond)* 2018;132:2391-405. (IF:5.220)
5. ^{2,4}Hsu SJ, Tsai MH, Chang CC, Hsieh YH, Huang HC*, Lee FY, Chuang CL, Hou MC, Lee SD. Extrahepatic angiogenesis hinders recovery of portal hypertension and collaterals in rats with cirrhosis resolution. *Clin Sci (Lond)* 2018;132:669-83. (IF:5.220)
6. ^{2,5}Huang CC, Hsu HC, Yang LY, Chen CH, Yang YY*, Chang CC, Chuang CL, Lee WS, Lee FY, Hwang SJ. Peer-assisted learning model enhances clinical clerk's procedural skills. *J Chin Med Assoc* 2018;81:747-53. (IF:1.660)
7. ^{2,5}Huang CC, Lee FY, Yang LY, Yang YY*, Chen CH, Liang JF, Cheng HM, Huang CC, Hwang SJ. Mixed simulation course increases participants' positive stress coping abilities. *J Chin Med Assoc* 2018;81:58-63. (IF:1.660)
8. ²Huang HC, Hsu SJ, Chang CC, Tsai MH, Lee FY*, Hou MC, Lee SD. Beneficial Effects of Adrenal Androgen Supplement in Bleeding Cirrhotic Rats. *Shock* 2018;50:720-8. (IF:3.005)
9. ^{2,4}Liu CW, Huang CC, Tsai HC, Su YB, Huang SF, Lee KC, Hsieh YC, Li TH, Tsai CY, Chong LW, Ou SM, Yang YY*, Fan WC, Hou MC, Lin HC*, Lee SD. Serum adrenomedullin and urinary thromboxane B2 help early categorizing of acute kidney injury in decompensated cirrhotic patients: A prospective cohort study. *Hepatol Res* 2018;48:E9-E21. (IF:3.418)
10. ^{2,4}Liu CW, Tsai HC, Huang CC, Tsai CY, Su YB, Lin MW, Lee KC, Hsieh YC, Li TH, Huang SF, Yang YY*, Hou MC, Lin HC, Lee FY, Lee SD. Effects and mechanisms of caffeine to improve immunological and metabolic abnormalities in diet-induced obese rats. *Am J Physiol-Endocrinol Metab* 2018;314:E433-47. (IF:4.018)
11. ²Lu DY, Hailelessie B, Ventoulis I, Liu HY, Liang HY, Pozios I, Canepa M, Phillip S, Abraham MR, Abraham T*. E/e' ratio and outcome prediction in hypertrophic

- cardiomyopathy: the influence of outflow tract obstruction. *Eur Heart J Cardiovasc Imaging* 2018;19:101-7. (IF:8.336)
12. ²Lu DY, Pozios I, Haileselassie B, Ventoulis I, Liu H, Sorensen LL, Canepa M, Phillip S, Abraham MR, Abraham TP*. Clinical Outcomes in Patients With Nonobstructive, Labile, and Obstructive Hypertrophic Cardiomyopathy. *J Am Heart Assoc* 2018;7(5). pii: e006657. (IF:4.450)
 13. ²Lu DY, Yalçın H, Yalçın F, Zhao M, Sivalokanathan S, Valenta I, Tahari A, Pomper MG, Abraham TP, Schindler TH, Abraham MR*. Stress Myocardial Blood Flow Heterogeneity Is a Positron Emission Tomography Biomarker of Ventricular Arrhythmias in Patients With Hypertrophic Cardiomyopathy. *Am J Cardiol* 2018;121:1081-9. (IF:3.171)
 14. ^{2,4}Su YB, Li TH, Huang CC, Tsai HC, Huang SF, Hsieh YC, Yang YY*, Huang YH, Hou MC, Lin HC. Chronic calcitriol supplementation improves the inflammatory profiles of circulating monocytes and the associated intestinal/adipose tissue alteration in a diet-induced steatohepatitis rat model. *PLoS One* 2018;13:e0194867. (IF:2.766)
 15. ^{2,4}Tsai HC, Li TH, Huang CC, Huang SF, Liu RS, Yang YY*, Hsieh YC, Lee KC, Huang YH, Hou MC, Lin HC. Beneficial Effects of the Peroxisome Proliferator-Activated Receptor alpha/gamma Agonist Aleglitazar on Progressive Hepatic and Splanchnic Abnormalities in Cirrhotic Rats with Portal Hypertension. *Am J Pathol* 2018;188:1608-24. (IF:4.069)
 16. ^{2,4}Wang HY*, Yang CF, Chiou TJ, Gau JP, Chen PM, Tsai CY, Hsu HC, Wang FD, Liu JH, Hsiao LT. Primary bone marrow lymphoma: A hematological emergency in adults with fever of unknown origin. *Cancer Med* 2018;7:3713-21. (IF:3.202)
 17. ^{2,4}Wu KC, Huang HC, Chang T, Lee WS, Chuang CL, Hsin IF, Hsu SJ, Lee FY, Chang CC*, Lee SD. Effect of sirolimus on liver cirrhosis and hepatic encephalopathy of common bile duct-ligated rats. *Eur J Pharmacol* 2018;824:133-9. (IF:3.040)

Endoscopy Center For Diagnosis and Treatment

1. ²Chang CY, Chen PH, Hou MC. Esophageal Mammary Analogue Secretory Carcinoma. *Clin Gastroenterol Hepatol* 2018;16:E11-2. (IF:7.683)
2. ²Chang CY, Hsieh WY, Chau GY, Chen P H, Su CW*, Hou MC, Lei HJ, Huo TI, Huang YH, Lin HC, Wu JC. Esophageal varices are not predictive of patient prognosis after surgical resection of hepatocellular carcinoma. *Eur J Gastroenterol Hepatol* 2018;30:1368-77. (IF:2.014)
3. ²Chang FM, Wang YP, Lu CL*.Reply: Statins decrease the risk of decompensation in hepatitis B virus– and hepatitis C virus–related cirrhosis: A population-based study. *Hepatology* 2018;67:1174-5. (IF:14.079)
4. ²Chen PH, Hsieh WY, Su CW, Hou MC*, Wang YP, Hsin IF, Yang TC, Liao WC, Lin HC, Lee FY, Wu JC. Combination of albumin-bilirubin grade and platelets to predict a compensated patient with hepatocellular carcinoma who does not require endoscopic screening for esophageal varices. *Gastrointest Endosc* 2018;88:230-9. (IF:7.204)
5. ²Chen PH, Wu CH, Chen YF, Yeh YC, Lin BH, Chang KW, Lai PY, Hou MC, Lu CL, Kuo WC.* Combination of structural and vascular optical coherence tomography for differentiating oral lesions of mice in different carcinogenesis stages. *Biomedical optics express* 2018;9:1461-76. (IF:3.482)
6. ²Chen YJ, Lu CL*. A huge pancreas tumor with periampullary invasion. *Am J Med Sci* 2018;335:e19. (IF:1.773)
7. Fang KC, Kao WY, Su CW, Chen PC, Lee PC, Huang YH, Huo TI, Chang CC, Hou MC, Lin HC, Wu JC. The Prognosis of Single Large Hepatocellular Carcinoma Was Distinct from Barcelona Clinic Liver Cancer Stage A or B: The Role of Albumin-Bilirubin Grade.

- Liver Cancer 2018;7:335-58. (IF:2017 無分數)
8. ²Hsin IF, Hsu SJ, Chuang CL, Huo TI, Huang HC*, Lee FY, Ho HL, Chang SY, Lee SD. The effects of proton pump inhibitor on hepatic vascular responsiveness and hemodynamics in cirrhotic rats. *Journal of the Chinese Medical Association* 2018;81: 585-92. (IF:1.660)
 9. ²Hsin IF, Huang HC, Chang CC, Hsu SJ, Lee FY, Huo TI, Chuang CL, Hou MC*, Lee SD. Insulin reverses major portal hypertension-related derangements in rats with liver cirrhosis and diabetes. *Clin Sci* 2018;132:2391-405. (IF:5.220)
 10. ^{2,5}Lee HF, Liu PY, Wang YP, Tsai CF, Chang FY, Lu CL*. Sexual Abuse Is Associated With an Abnormal Psychological Profile and Sleep Difficulty in Patients With Irritable Bowel Syndrome in Taiwan. *J Neurogastroentero. Motil* 2018;24:79-86. (IF:3.438)
 11. ²Lin XH, Young SH, Luo JC, Peng YL, Chen PH, Lin CC, Chen WM, Hou MC, Lee FY. Risk Factors for Upper Gastrointestinal Bleeding in Patients Taking Selective COX-2 Inhibitors: A Nationwide Population-Based Cohort Study. *Pain Med* 2018;19:225-31. (IF:2.782)
 12. ²Lin XH, Lin CC, Wang YJ, Luo JC*, Young SH, Chen PH, Hou MC, Lee FY. Risk factors of the peptic ulcer bleeding in aging uremia patients under regular hemodialysis. *J Chin Med Assoc* 2018;81:1027-32. (IF:1.66)
 13. ^{2,5}Siah KTH, Gong X, Yang XJ, Whitehead WE, Chen M, Hou X, Pratap N, Ghoshal UC, Syam AF, Abdullah M, Choi MG, Bak YT, Lu CL, Gonlachanvit S, Boon CS, Fang F, Cheong PK, Wu JCY, Gwee KA*. Rome Foundation-Asian working team report: Asian functional gastrointestinal disorder symptom clusters. *Gut* 2018; 67:1071-7. (IF:17.016)
 14. ^{2,4}Ting PH, Lin XH, Jiang JK, Luo JC*, Chen PH, Wang YP, Hsin IF, Perng CL, Hou MC, Lee FY. The factors associated with negative colonoscopy in screening subjects with positive immunochemical stool occult blood test outcomes. *J Chin Med Assoc* 2018;81:759-65. (IF:1.66)
 15. ^{2,4}Wu KC, Huang HC, Chang T, Lee WS, Chuang CL, Hsin IF, Hsu JS, Chang CC*, Lee SD. Effect of sirolimus on liver cirrhosis and hepatic encephalopathy of common bile duct-ligated rats. *Eur J Pharmacol* 2018;824:133-9. (IF:3.040)

Hospitalist Ward

1. ²Chang CY, Hsieh WY, Chau GY, Chen PH, Su CW*, Hou MC, Lei HJ, Huo TI, Huang YH, Lin HC, Wu JC. Esophageal varices are not predictive of patient prognosis after surgical resection of hepatocellular carcinoma, *European Journal of Gastroenterology and Hepatology* 2018;30:1368-77. (IF:2.014)
2. ^{2,5}Chang HY, Lo LW*, Chen YR, Chou YH, Lin WL, Lin YJ, Yin WH, Feng AN, Chen SA. The autonomic neural mechanism of right ventricular outflow tract tachycardia. *Auton Neurosci* 2018;212:10-6. (IF:2.605)
3. ^{2,4}Chang SL*, Hsiao YW, Tsai YN, Lin SF, Liu SH, Lin YJ, Lo LW, Chung FP, Chao TF, Hu YF, Tuan TC, Liao JN, Hsieh YC, Wu TJ, Higa S, Chen SA. Interleukin-17 enhances cardiac ventricular remodeling via activating MAPK pathway in ischemic heart failure. *J Mol Cell Cardiol* 2018;122:69-79. (IF:5.296)
4. ^{2,4}Chao TF, Chiang CE, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Lip GYH*, Chen SA*. Evolving changes of the use of oral anticoagulants and outcomes in patients with newly diagnosed atrial fibrillation in Taiwan. *Circulation* 2018;138:1485-7. (IF:18.880)
5. ^{2,4}Chao TF, Lip GYH, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Chen SA*. Major bleeding and intracranial hemorrhage risk prediction in patients with atrial fibrillation: Attention to modifiable bleeding risk factors or use of a bleeding risk

- stratification score? A nationwide cohort study. *Int J Cardiol* 2018;254: 157-61. (IF:4.034)
6. ^{2,4}Chao TF, Lip GYH*, Liu CJ, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Chen SA*. Relationship of aging and incident comorbidities to stroke risk in patients with atrial fibrillation. *J Am Coll Cardiol* 2018;71:122-32. (IF:16.834)
 7. ^{2,4}Chao TF, Lip GYH, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Chen SA*. Incident risk factors and major bleeding in patients with atrial fibrillation treated with oral anticoagulants: A comparison of baseline, follow-up and delta HAS-BLED scores with an approach focused on modifiable bleeding risk factors. *Thromb Haemost* 2018;118:768-77. (IF:4.952)
 8. ^{2,4}Chao TF, Liu CJ, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Lip GYH, Chen SA*. Oral anticoagulation in very elderly patients with atrial fibrillation: A nationwide cohort study. *Circulation* 2018;138:37-47. (IF:18.880)
 9. ^{2,4}Cheng WH, Lo LW, Lin YJ, Chang SL, Hu YF, Hung Y, Chung FP, Chang TY, Huang TC, Yamada S, Salim S, Te ALD, Liao JN, Tuan TC, Chao TF, Tsai TY, Liu SH, Chen SA*. Cigarette smoking causes a worse long-term outcome in persistent atrial fibrillation following catheter ablation. *J Cardiovasc Electrophysiol* 2018;29:699-706. (IF:2.873)
 10. ^{2,4}Chung FP, Lin CY, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chao TF, Liao JN, Chang TY, Chen SA*. Catheter ablation of ventricular tachycardia in arrhythmogenic right ventricular dysplasia/cardiomyopathy. *Korean Circ J* 2018;48:890-905. (IF:1.421)
 11. ^{2,4}Chung FP, Van Ba V, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chao TF, Liao JN, Lin CY, Hsieh MH, Chen SA*. The prevalence and characteristics of coexisted atrioventricular nodal reentrant tachycardia and idiopathic left fascicular ventricular tachycardia. *J Cardiovasc Electrophysiol* 2018;29:1096-103. (IF:2.873)
 12. ^{2,4}Kuo L, Chao TF*, Liu CJ, Chen SJ, Tuan TC, Lin YJ, Chang SL, Lo LW, Hu YF, Chung FP, Liao JN, Chen TJ, Lip GYH*, Chen SA. Usefulness of the CHA2DS2-VASc score to predict the risk of sudden cardiac death and ventricular arrhythmias in patients with atrial fibrillation. *Am J Cardiol* 2018;122:2049-54. (IF:3.171)
 13. ^{2,4}Liao JN, Chao TF, Liu CJ, Chen SJ, Hung CL, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chung FP, Chen TJ, Lip GYH, Chen SA*. Seasonal variation in the risk of ischemic stroke in patients with atrial fibrillation: A nationwide cohort study. *Heart Rhythm* 2018;15:1611-6. (IF:4.743)
 14. ^{2,5}Lin CH, Lo LW, Lin YJ, Chang SL, Hu YF, Tuan TC, Huang HK, Chiang CH, Allamsetty S, Liao JN, Chung FP, Chang YT, Lin CY, Te ALD, Yamada S, Walia R, Hung Y, Chen SA*. Ventricular arrhythmias originating from the cardiac crux and the basal inferior segment of the interventricular septum in the patients with structural heart diseases: characteristics, mapping, and electrophysiological properties. *J Interv Card Electrophysiol* 2018;52:225-36. (IF:1.522)
 15. ^{2,4}Lin CY, Chung FP, Lin YJ, Chang SL, Lo LW, Hu YF, Liao JN, Tuan TC, Chao TF, Chang YT, Chen YY, Te ALD, Yamada S, Chen SA*. Safety and efficacy of epicardial ablation of ventricular tachyarrhythmias: experience from a tertiary referral center in Taiwan. *Acta Cardiol Sin* 2018;34:49-58. (IF:0.927)
 16. ^{2,4}Lin CY, Te ALD, Lin YJ*, Chang SL, Lo LW, Hu YF, Chung FP, Tuan TC, Chao TF, Liao JN, Chang TY, Yamada S, Van Ba V, Salim S, Vicera JJB, Huang TC, Wu CI, Liu CM, Chen SA. High-resolution mapping of pulmonary vein potentials improved the successful pulmonary vein isolation using small electrodes and inter-electrode spacing catheter. *Int J Cardiol* 2018;272:90-6. (IF:4.034)
 17. ^{2,4}Lin WL, Chen YR, Lai CT, Yamada S, Liu SH, Chou YH, Fu YC, Yang CCH, Kuo TBJ, Lo LW*, Chen SA. Neural mechanism of angiotensin-converting enzyme inhibitors in improving heart rate variability and sleep disturbance after myocardial infarction. *Sleep Med* 2018;48:61-9. (IF:3.395)

18. ^{2,4}Liu CM, Lin CY, Chang SL, Lin YJ, Lo LW, Hu YF, Chao TF, Chung FP, Tuan TC, Liao JN, Chen YY, Te ALD, Yamada S, Kuo L, Li HY, Chang TY, Minh HQ, Salim S, Ba VV, Vicera JJB, Wu CI, Chuang CM, Huang TC, Hsieh YC, Chen SA*. Intermediate pause at daytime is associated with increased cardiovascular risk and mortality: An 8-year cohort study. *J Am Heart Assoc* 2018;7(12). pii: e009034. (IF:4.450)
19. ²Sun YS, Sun IT, Wang HK, Yang AH, Tsai CY, Huang CJ, Huang DF*, Lai CC*. Risk of complications of ultrasound-guided renal biopsy for adult and pediatric patients with systemic lupus erythematosus. *Lupus* 2018;7:828-36. (IF:2.969)
20. ^{2,4}Te ALD, Lo LW*, Lin YJ, Chang SL, Hu YF, Chung FP, Tuan TC, Chao TF, Liao JN, Chang YT, Lin CY, Yamada S, Chang TY, Salim S, Hoang MQ, Huang TC, Chen SA. Vasovagal responses during cryoballoon pulmonary vein isolation in paroxysmal atrial fibrillation predict favorable mid-term outcomes. *Int J Cardiol* 2018;258:115-20. (IF:4.034)
21. ^{2,4}Wang FD*, Wang YP, Chen CC, Chen HP. The incidence rate, trend and microbiological aetiology of prosthetic joint infection after total knee arthroplasty: A 13 years' experience from a tertiary medical center in Taiwan. *J Microbiol Immunol Infect* 2018;51:717-22. (IF:2.094)
22. ^{2,4}Yamada S, Chung FP, Lin YJ, Chang SL, Lo LW, Hu YF, Chao TF, Liao JN, Lin CH, Lin CY, Chang YT, Te ALD, Liao YC, Chi PC, Chen SA. Electrocardiographic characteristics for predicting idiopathic right ventricular outflow tract premature ventricular complex-induced cardiomyopathy. *J Interv Card Electrophysiol* 2018;53:175-85. (IF:1.522)
23. ^{2,4}Yamada S, Fong MC, Hsiao YW, Chang SL*, Tsai YN, Lo LW, Chao TF, Lin YJ, Hu YF, Chung FP, Liao JN, Chang YT, Li HY, Higa S, Chen SA. Impact of renal denervation on atrial arrhythmogenic substrate in ischemic model of heart failure. *J Am Heart Assoc* 2018;7(2). pii: e007312. (IF:4.450)
24. ^{2,4}Yamada S, Hsiao YW, Chang SL*, Lin YJ, Lo LW, Chung FP, Chiang SJ, Hu YF, Tuan TC, Chao TF, Liao JN, Lin CY, Chang YT, Te ALD, Tsai YN, Chen SA. Circulating microRNAs in arrhythmogenic right ventricular cardiomyopathy with ventricular arrhythmia. *Europace* 2018;20(FI1):f37-f45. (IF:5.231)