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代表著作

1. CH Lin, FC Hsieh, CC Lai, ML Wang, C Hsu, HW Hsu, CC Yang, **CY Yang*** and HY Wu*. Identification of the protein coding capability of coronavirus defective viral genomes by mass spectrometry. Virology Journal 2023, 20: 290. (Q2, IF=4.8) (SCI)
2. CY Hsu, Y Jang, WR Huang, CY Wang, H W Wen, PC Tsai, **CY Yang**, M Munir, HJ Liu*. Development of Polycistronic Baculovirus Surface Display Vectors to Simultaneously Express Viral Proteins of Porcine Reproductive and Respiratory Syndrome and Analysis of Their Immunogenicity in Swine.

- Vaccines 2023, 11, 1666, (Q1, IF=7.8) (SCI)
3. CY Hsu, CY Hsieh, **CY Yang**, YK Chang, WL Shih, CM Yeh, NJ Hu, MS Chen, BL Nielsen, HJ Liu*. The sortase A fusion expression and mIFc2 co-expression of bovine lactoferricin and analysis of its antibacterial activity. Processes 2022, 10, 2470. (Q2, IF=3.352) (SCI)
 4. HW Lee, **CY Yang**, MC Lee, SP Chen, HW Chang and IC Cheng*. The use of distinctive monoclonal antibodies in FMD VLP- and P1-based blocking ELISA for the seromonitoring of vaccinated swine. International Journal of Molecular Sciences (IJMS) 2022, 23, 8542 (Q1, IF=6.208) (SCI)
 5. SL Lee, WH Hsu, CM Tu, WH Wang, **CY Yang***, HK Lee*, TY Chin*. The effects of freshwater clam (*Corbicula fluminea*) extract on activated hepatic stellate cells. Evidence-Based Complementary and Alternative Medicine 2021, 6065168 <https://doi.org/10.1155/2021/6065168> (Q2, IF=1.813) (SCI)
 6. DH Tan, YS Gong, SC Ou, **CY Yang**, YC Pan, JH Shien, and PC Chang*. Relationship Between the Serotypes and Hemagglutinin Gene Sequences of Avibacterium paragallinarum. AVIAN DISEASES 65:329–334, 2021. (Q2, IF=1.4) (SCI)
 7. CH Lin, **CY Yang**, ML Wang, SC Ou, CY Lo, TL Tsai, HY Wu*. Effects of coronavirus persistence on the genome structure and subsequent gene expression, pathogenicity and adaption capability. Cells 2020, 9, 2322; doi:10.3390/cells9102322 (Q2, IF=4.366) (SCI)
 8. CH Lin, **CY Yang**, SC Ou, ML Wang, CY Lo, TL Tsai, HY Wu*. The impacts of antivirals on the coronavirus genome structure and subsequent pathogenicity, virus fitness and antiviral design. Biomedicines 2020, 8, 376; doi:10.3390/biomedicines8100376 (Q1, IF=4.717) (SCI)
 9. WH Lin, K Kaewprom, SY Wang, CF Lin, **CY Yang**, MT Chiou*, CN Lin*. Outbreak of porcine reproductive and respiratory syndrome virus 1 in Taiwan. Viruses 2020, 12, 316; doi:10.3390/v12030316 (Q2, IF=3.811) (SCI)
 10. WH Lin, HC Shih, CF Lin, **CY Yang**, CN Lin* and MT Chiou*. Genotypic analyses and virulence characterization of *Glaesserella parasuis* isolates from Taiwan. PeerJ 7: e6960, 2019. DOI 10.7717/peerj.6960 (Q2, IF=2.118) (SCI)
 11. WH Lin, HC Shih, SY Wang, CF Lin, **CY Yang**, YF Chang, CN Lin* and MT Chiou*. Emergence of a Virulent Porcine Reproductive and Respiratory Syndrome Virus in Taiwan in 2018. Transboundary and Emerging Diseases 2019; 1-4. DOI:10.1111/tbed.13173 (Q1, IF=3.554) (SCI)
 12. WH Lin, HC Shih, CF Lin, **CY Yang**, YF Chang, CN Lin* and MT Chiou*. Molecular serotyping of *Haemophilus parasuis* isolated from diseased pigs and the relationship between serovars and pathological patterns in Taiwan. PeerJ 6: e6017, 2018. (Q2, IF=2.118) (SCI)
 13. Hung RC, Chen CC, Lin JW, Chiu CC, Huang PM, Hung YC, Tsai PT, **Yang CY***, Hung SW*. Establishment of a mouse model with membranous glomerulonephritis induced by cationic bovine serum albumin. Journal of the Chinese Society of Animal Science 47: 95-108. 2018. (in Chinese)
 14. Hung SW*, Chen CC, Lin JW, Chiu CC, Hung RC, Hung YC, Tsai PT, **Yang CY***. Establishment of cancer-bearing animal models and drug screening system in keeping with R&D of anti-breast cancer drugs. Journal of the Chinese Society of Animal Science 47: 147-166. 2018. (in Chinese)
 15. TH Shih, JT Chiang, HY Wu, WJ Tu, S Inouse, CT Tsai, SC Kuo, **CY Yang**, and CY Fei*. Human Exposure to Ferret Badger Rabies in Taiwan. Int. J. Environ. Res. Public Health 15, 1347, 2018; doi:10.3390/ijerph15071347 (Q2, IF=2.101) (SCI)
 16. CT Chiu, SN Kuo, SW Hung, and **CY Yang***. Combined Treatment with Hyaluronic Acid and Mesalamine Protects Rats from Inflammatory Bowel Disease Induced by Intracolonic Administration of Trinitrobenzene Sulfonic Acid. Molecules 22 (6), 904, 2017. (Q2, IF=2.861)
 17. LC Hung, **CY Yang**, IC Cheng*. Peptides mimicking viral proteins of porcine circovirus type 2 were profiled by the spectrum of mouse anti-PCV2 antibodies. BMC Immunology 18: 25, 2017. DOI 10.1186/s12865-017-0211-2 (Q3, IF=2.481) (SCI)