

CMU's Researches Related to COVID-19 (sorted by time and will be continually updated)

1	Wang WJ, Chen Y, Su WC, Shen WJ, Wang YC, Yang CS, Hou MH, Chou YC, Hung MC*. Peimine inhibits SARS-CoV-2 cell entry via blocking the interaction with human receptor ACE2. (Submitted)
2	Chia-Wei Chao, Vivian Chia-Rong Hsieh, Chun-Yi Tan and Min-Hao Yuan*. Universal masking policy against COVID-19 pandemic from Taiwan's practices. <i>Global Health Promotion</i> . (Accepted)
3	Chi-Chang Ho, Shih-Chieh Hung, Wen-Chao Ho*. Effects of short- and long-term exposure to atmospheric pollution on COVID-19 risk and fatality: analysis of the first epidemic wave in Northern Italy. <i>Environmental Research</i> , 2021, 199: 111293. https://pubmed.ncbi.nlm.nih.gov/34004167/
4	Iona MacDonald, Jye-Lin Hsu*. Epidemiological observations on breaking COVID-19 transmission: from the experience of Taiwan. <i>Journal of Epidemiology and Community Health</i> , 2021, 75(8): 809-812. https://pubmed.ncbi.nlm.nih.gov/33893185/
5	Ngoc-Niem Bui, Yu-Tzu Lin, Su-Hua Huang, Cheng-Wen Lin*. The extent of molecular variation in novel SARS-CoV-2 after the six-month global spread. <i>Infection, Genetics and Evolution</i> , 2021, 91: 104800. https://pubmed.ncbi.nlm.nih.gov/33677109/
6	You-Zhe Lin, Yi-Chun Shen, Wan-Rong Wu, Wei-Jan Wang, Yuan-Liang Wang, Chen-Yuan Lin, Mien-Chie Hung*, Shao-Chun Wang. Imatinib (STI571) Inhibits the Expression of Angiotensin-Converting Enzyme 2 and Cell Entry of the SARS-CoV-2-Derived Pseudotyped Viral Particles. <i>International Journal of Molecular Sciences</i> , 2021, 22(13): 6938. https://pubmed.ncbi.nlm.nih.gov/34203261/
7	Chia-Yu Huang, Yu-Hung Kuo, Shu-Ting Chuang, Hung-Rong Yen*, Sio-lan Tou. The experience of executing preventive measures to protect a nursing home in Taiwan from a COVID-19 outbreak. <i>European Geriatric Medicine</i> , 2021, 12(3): 609-617. https://pubmed.ncbi.nlm.nih.gov/33751454/
8	Chia Yu Lien, Yun-Hsuan Wu*. Affective communication: a mixed method investigation into COVID-19 outbreak communication using the Taiwanese government Facebook page. <i>Global Health Promotion</i> , 2021, 28(2): 56-66. https://doi.org/10.1177/17579759211003539
9	Sheng-Teng Huang, Yeh Chen, Wei-Chao Chang, Hsiao-Fan Chen, Hsiang-Chun Lai, Yu-Chun Lin, Wei-Jan Wang, Yu-Chuan Wang, Chia-Shin Yang, Shao-Chun Wang, and Mien-Chie Hung*. Scutellaria barbata D. Don inhibits the main proteases (Mpro and TMPRSS2) of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection. <i>Viruses</i> , 2021, 13(5): 826. https://pubmed.ncbi.nlm.nih.gov/34063247/
10	Katarzyna M Bliźniewska-Kowalska, Angelos Halaris, Shao-Cheng Wang, Kuan-Pin Su*, Michael Maes, Michael Berk, Piotr Gałdecki. A Review of the Global Impact of the COVID-19 Pandemic on Public Mental Health, with a Comparison Between the USA, Australia, and Poland with Taiwan and Thailand. <i>Medical Science Monitor</i> , 2021, 27: e932220-1. https://pubmed.ncbi.nlm.nih.gov/33972496/
11	Yeh Chen, Wei-Chien Huang, Chia-Shin Yang, Fang-Ju Cheng, Yi-Fang Chiu, Hsiao-Fan Chen, Thanh Kieu Huynh, Chih-Feng Huang, Chia-Hung Chen, Hsueh-Chun Wang, Mien-Chie Hung*. Screening strategy of TMPRSS2 inhibitors by FRET-based enzymatic activity for TMPRSS2-based cancer and COVID-19 treatment. <i>American journal of cancer research</i> , 2021, 11(3): 827-836. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7994159/

12	Hsin-Hsien Li, Chen-Chi Liu, Tien-Wei Hsu, Jiun-Han Lin, Jyuan-Wei Hsu, Anna Fen-Yau Li, Yi-Chen Yeh, Shih-Chieh Hung*, Han-Shui Hsu. Upregulation of ACE2 and TMPRSS2 by particulate matter and idiopathic pulmonary fibrosis: a potential role in severe COVID-19. <i>Particle and Fibre Toxicology</i> , 2021, 18(1): 11. https://pubmed.ncbi.nlm.nih.gov/33706759/
13	Shao-Cheng Wang, Kuan-Pin Su*, Carmine M Pariante. The three frontlines against COVID-19: Brain, Behavior, and Immunity. <i>Brain, behavior, and immunity</i> , 2021, 93: 409-414. https://pubmed.ncbi.nlm.nih.gov/33548496/
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