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獎項、榮譽	XIV International Congress of Toxicology- IUTOX Best Poster Award 1 st place (2016)	
發表文獻	1. Han-Hsing Tsou , Wen-Chin Hsu, Jong-Ling Fuh, Shih-Pin Chen, Tsung-Yun Liu, Hsiang-Tsui Wang (2017, December). Alterations in Acrolein Metabolism Contribute to Alzheimer's Disease. Journal of Alzheimer's Disease, 61(2), 571-580. (SCI) First author 【Impact Factor: 3.476 ; 42/346, Neuroscience & Behavior】 2. Tuan Hung Ngo, Han Hsing Tsou , Ya Fang Chen, Yuan Wu Chen, Kai Hsien Chi (2018, June). Sources identification of PCDD/Fs in soil and atmospheric deposition in Taiwan. Chemosphere, 208, 374-381. (SCI) 【Impact Factor: 5.108 ; 32/251, Environmental Sciences】	

3. Wen-Sheng Liu, Yen-Ting Lai, Hsiang-Lin Chan, Szu-Yuan Li, Chih-Ching Lin, Chih-Kuang Liu, Han-Hsing Tsou*, Tsung-Yun Liu* (2018, July). Associations between perfluorinated chemicals and serum biochemical markers and performance status in uremic patients under hemodialysis. PLOS ONE, 13(7), e0200271. (SCI) *Co-corresponding author* **【Impact Factor: 2.776 ; 24/69, Multidisciplinary sciences】**
4. Wen-Sheng Liu, Hsiang Lin Chan, Yen-Ting Lai, Chih-Ching Lin, Szu-Yuan Li, Chih-Kuang Liu, Han-Hsing Tsou*, Tsung-Yun Liu* (2018, November). Dialysis membranes influence perfluorochemical concentrations in patients on hemodialysis. International Journal of Environmental Research and Public Health, 15(11), 2574. (SCI) *Co-corresponding author* **【Impact Factor: 2.468 ; 58/193, Public, Environmental & Occupational Health】**
5. Ting-Ying Laio, Chih-Chun Chen, Han-Hsing Tsou, Tsung-Yun Liu, Hsiang-Tsui Wang (2019, March). Acute and chronic exposure of toluene induces genotoxicity in different regions of the brain in normal and allergic mouse models. Neurotoxicity research, 36(4), 669-678. (SCI) **【Impact Factor: 2.992 ; 143/272, Neurosciences】**
6. Tse-Wen Wang, Jin-Hui Liu, Han-Hsing Tsou, Tsung-Yun Liu, Hsiang-Tsui Wang (2019, April). Identification of acrolein metabolites in human buccal cells, blood, and urine after consumption of commercial fried food. Food Science & Nutrition, 7(5), 1668-1676. (SCI) **【Impact Factor: 1.797 ; 81/139, Food science & Technology】**
7. Han-Hsing Tsou, Chih-Hung Hu, Chung-Ji Liu, Chien-Hung Lee, Tsung-Yun Liu, Hsiang-Tsui Wang (2019, May). Acrolein is involved in the synergistic potential of cigarette smoking and betel quid chewing-related human oral cancer. Cancer Epidemiology, Biomarkers & Prevention, 28(5), 954-962. (SCI) *First author* **【Impact Factor: 4.344 ; 25/193, Public, Environmental & Occupational Health】**
8. Han-Hsing Tsou, Hsiao-Tung Ko, Chia-Tzu Chen, Tse-Wen Wang, Chien-Hung Lee, Tsung-Yun Liu, Hsiang-Tsui Wang (2019, August). Betel quid containing safrole enhances metabolic activation of tobacco specific 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK). Environmental Pollution, 251, 13-21. (SCI) *First author* **【Impact Factor: 6.793 ; 21/265, Environmental Sciences】**
9. Chia-Ling Weng, Chih-Chiang Chen, Han-Hsing Tsou, Tsung-Yun Liu, Hsiang-Tsui Wang (2019, December). Areca nut procyanidins prevent ultraviolet light B-induced photoaging via suppression of cyclooxygenase-2 and matrix

metalloproteinases in mouse skin. Drug and Chemical Toxicology, 1-7. (SCI)

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10. **Han-Hsing Tsou**, Hong-Chieh Tsai, Chiao-Ting Chu, Hsiao-Wei Cheng, Chung-Ji Liu, Chien-Hung Lee, Tsung-Yun Liu, Hsiang-Tsui Wang. (2021) Cigarette smoke containing acrolein upregulates EGFR signaling contributing to oral tumorigenesis in vitro and in vivo. Cancers (SCI) *First author* **【Impact Factor: 6.126 ; 37/244, Oncology】 (Accepted)**
11. Wen-Sheng Liu, Chien-Hung Lin, Yen-Ting Lai, Hsiang-Lin Chan, Szu-Yuan Li, Tsung-Yun Liu, **Han-Hsing Tsou**, Chih-Ching Lin. The Associations between Erythropoietic Response with Inflammation Markers and Perfluorinated Chemicals in Hemodialysis Patients. International Journal of Molecular Sciences (SCI) (under review) *Co-corresponding author*
12. Hong-Chieh Tsai, **Han-Hsing Tsou**, Chun-Chi Lin, Shao-Chen Chen, Hsiao-Wei Cheng, Tsung-Yun Liu, Wei-Shone Chen, Jeng-Kai Jiang, Shung-Haur Yang, Shih-Ching Chang, Hao-Wei Teng, Hsiang-Tsui Wang. Acrolein contributes to human colorectal tumorigenesis through the activation of RAS/MAPK pathway. Journal of Experimental & Clinical Cancer Research (SCI) (under review)
13. Yen-Ting Lai, Chien-Hung Lin, City C. Hsieh, Jung-Cheng Yang, **Han-Hsing Tsou**, Chih-Ching Lin, Szu-Yuan Li, Hsiang-Lin Chan, Wen-Sheng Liu. Combining Yoga Exercise with Rehabilitation Improves Balance and Depression in Patients with Chronic Stroke: A Controlled Trial. Disability and Rehabilitation (SCI) (under review)