

Article Title	Authors	Journal
A Genome-Wide Association Study of Metabolic Syndrome in the Taiwanese Population	Ho, Chih-Yi; Lee, Jia-In; Huang, Shu-Pin; Chen, Szu-Chia (陳思嘉); Geng, Jiun-Hung* (耿俊閔)	Nutrients
Exploring the Relationship between Gut Microbiome Composition and Blood Indole-3-acetic Acid in Hemodialysis Patients	Wu, Ping-Hsun† (吳秉勳); Tseng, Yu-Fang†; Liu, Wangta; Chuang, Yun-Shiuan; Tai, Chi-Jung; Tung, Chun-Wei; Lai, Kean-Yee; Kuo, Mei-Chuan; Chiu, Yi-Wen; Hwang, Shang-Jyh; Hung, Wei-Chun*; Lin, Yi-Ting* (林憶婷)	Biomedicines
A rapid and sensitive analytical methodology for the simultaneous biomonitoring of two direct oral anticoagulant drugs and their major metabolites in thromboembolic disordered patients samples for clinical evaluations	Prakasham, Karthikeyan; Pan, Tzu-Yu; Tan, Chun-Hsiang; Wu, Chia-Fang (吳佳芳); Chandra, Pranjali; Cheng, Ching-Mei; Chen, Wei; Tsai, Wei -Chung*; Ponnusamy, Vinoth Kumar* (庫碼); Wu, Ming-Tsang* (吳明蒼)	J. Chromatogr. A
Acrylamide, an air pollutant, enhances allergen-induced eosinophilic lung inflammation via group 2 innate lymphoid cells	Su, Hsiang-Han; Cheng, Chih-Mei; Yang, Yung-Ning; Chang, Yu -Wei; Li, Chia -Yang; Wu, Shin-Ting; Lin, Chia -Chi; Wu, Hsin-En; Suen, Jau -Ling* (孫昭玲)	Mucosal Immunol.
Association of blood lipid profiles and asthma: A bidirectional two-sample Mendelian randomization study	Liu, Yi-Shian; Lin, Yu-Chun; Lin, Meng-Chih; Wu, Chao-Chien; Wang, Tsu-Nai*	Ann. Hum. Genet.
Harnessing the Transcriptional Signatures of CAR-T-Cells and Leukemia/Lymphoma Using Single-Cell Sequencing Technologies	Liao, Yu-Mei; Hsu, Shih-Hsien* (許世賢); Chiou, Shyh-Shin*	Int. J. Mol. Sci.
Quantification of derivatized phenylalanine and tyrosine in dried blood spots using liquid chromatography with tandem spectrometry for newborn screening of phenylketonuria	Duh, Tsai-Hui (杜采滄); Liang, Yu-Ching; Shen, Po Tsun; Ke, Yi-Wen; Nian, Yan-Tian; Liang, Shih-Shin* (梁世欣)	Eur. J. Mass Spectrom.
Synthesis of porous TiO ₂ /SiO ₂ monodisperse hollow spheres as a platform for phosphopeptide enrichment	Shen, Po-Tsun; Liu, Chao-Hui; Liang, Shih-Shin (梁世欣); Lin, Hong-Ping*; Hsu, Chun-Han*	J. Porous Mat.
The association of peritoneal dialysis and hemodialysis on mitral and aortic valve calcification associated mortality: a meta-analysis	Chiu, Kuan-Jung; Chen, Szu-Chia (陳思嘉); Su, Wei-Yu; Chang, Yong-Yuan; Chang, Kai-Chao; Li, Chiu Hui; Wu, Ying-Jhen; Wu, Da-Wei* (吳大緯); Kuo, Chao-Hung	Sci. Rep.
Towards a replacement therapy for stimulant betel quid dependence: A proof of concept study	Osborne, Peter G*.; Pasupuleti, Ragavendra Rao; Lee, Chien-Hung* (李建宏); Ponnusamy, Vinoth Kumar* (庫碼)	Addict. Biol.
Appraisal of universal health insurance and maternal health services utilization: pre- and post-context of the Jaminan Kesehatan Nasional implementation in Indonesia	Rahmawati, Tati# ; Hsieh, Hui-Min* (謝慧敏)	Front. Public Health
Deferasirox Causes Leukaemia Cell Death through Nrf2-Induced Ferroptosis	Hsu, Wan-Yi; Wang, Li-Ting; Lin, Pei-Chin; Liao, Yu-Mei; Hsu, Shih-Hsien* (許世賢); Chiou, Shyh-Shin*	Antioxidants
Highly electrochemically active Ti ₃ C ₂ T _x MXene/MWCNT nanocomposite for the simultaneous sensing of paracetamol, theophylline, and caffeine in human blood samples	Mari, Elanchezian (躡點); Duraisamy, Murugesan; Eswaran, Muthusankar; Sellappan, Senthilkumar; Won, Keehoon; Chandra, Pranjali; Tsai, Pei-Chien; Huang, Po-Chin (黃柏菁); Chen, Yi-Hsun; Lin, Yuan-Chung; Ponnusamy, Vinoth Kumar* (庫碼)	Microchim. Acta
Longitudinal Assessment of Quality of Life in Nasopharyngeal Cancer Patients Treated with Intensity-Modulated Proton Therapy and Volumetric Modulated Arc Therapy at Different Time Points	Liao, Kuan-Cho; Huang, Yu-Jie; Tsai, Wen-Ling; Lee, Chien-Hung† (李建宏); Fang, Fu-Min†*	Cancers
Polygenic risk score-based prediction of breast cancer risk in Taiwanese women with dense breast using a retrospective cohort study	Hung, Chih-Chiang; Moi, Sin-Hua (魏芯樺); Huang, Hsin-, I; Hsiao, Tzu-Hung*; Huang, Chi-Cheng*	Sci. Rep.
Prognostic mutation signature would serve as a potential prognostic predictor in patients with diffuse large B-cell lymphoma	Cho, Shih-Feng; Yeh, Tsung-Jang; Wang, Hui-Ching; Du, Jeng-Shiun; Gau, Yuh-Ching; Lin, Yu-Yin; Chuang, Tzer-Ming; Liu, Yi-Chang; Hsiao, Hui-Hua; Moi, Sin-Hua* (魏芯樺)	Sci. Rep.
Secondhand smoke increases the risk of developing chronic obstructive pulmonary disease	Su, Wen-Chit†; Juan, Huai-Lei†; Lee, Jia-In; Huang, Shu-Pin; Chen, Szu-Chia (陳思嘉); Geng, Jiun-Hung* (耿俊閔)	Sci. Rep.
A review on homogeneous and heterogeneous catalytic microalgal lipid extraction and transesterification for biofuel production	Ponnumamy, Vinoth Kumar (庫碼); Al-Hazmi, Hussein E.; Shobana, Sutha; Dharmaraja, Jeyaprakash; Jadhav, Dipak Ashok; Banu, J. Rajesh; Piechota, Grzegorz; Iglinski, Bartlomiej; Kumar, Vinod; Bhatnagar, Amit; Chae, Kyu-Jung; Kumar, Gopalakrishnan	Chin. J. Catal.
Layer-by-layer thinning of two-dimensional materials	Pham, Phuong V.†; Mai, The-Hung†; Do, Huy-Binh; Vasundhara, M.; Nguyen, Van-Huy; Nguyen, Trieu; Bui, Hao Van; Dao, Van-Duong; Gupta, Ram K.; Ponnusamy, Vinoth Kumar* (庫碼); Park, Jin-Hong*	Chem. Soc. Rev.
Rapid Characterization of Undeclared Pharmaceuticals in Herbal Preparations by Ambient Ionization Mass Spectrometry for Emergency Care	Lee, Chi-Wei* (李啟偉); Su, Hung; Hsu, Yi-Wen; Su, Lin-Zhen; Wu, Yen-Hung; Hou, Chia-Yi; Shih, Shu-Yu; Shiea, Jentaie* (謝建台)	J. Am. Soc. Mass Spectrom.
Rapid identification of mushroom toxins by direct electrospray probe mass spectrometry for emergency care	Su, Hung; Jiang, Zong-Han; Hsu, Yi-Wen; Wang, Yu-Chi; Chen, Yun-Yi; Wu, Deng-Chyang; Shiea, Jentaie* (謝建台); Lee, Chi-Wei*	Anal. Chim. Acta

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The association between body mass index and osteoporosis in a Taiwanese population: a cross-sectional and longitudinal study	Chiu, Chao-Tse; Lee, Jia-In; Lu, Cheng-Chang; Huang, Shu-Pin; Chen, Szu-Chia (陳思嘉); Geng, Jiun-Hung *(耿俊閔)	Sci. Rep.
The Current and Prospective Adjuvant Therapies for Hepatocellular Carcinoma	Du, Jeng-Shiun; Hsu, Shih-Hsien *(許世賢); Wang, Shen-Nien*	Cancers
Airborne Influenza Virus in Daycare Centers	Zhang, Jia Lin†; Wang, Yu-Chun†; Lee, Yi Lien; Yang, Chun-Yuh; Chen, Pei-Shih *(陳培詩)	Viruses-Basel
Avocado seed biomass-assisted synthesis of heterostructure bismuth vanadate nanomaterial by combustion method for the application of electrochemical lithium battery storage and supercapacitor	Khadri, M. J. Nagesh; Shashikumar, Uday; Shashank, M.; Lin, Yuan-Chung; Tsai, Pei-Chien; Subramanian, Balaji; Mahadeva, Ashrita; Nagaraju, G.; Khanum, Shaukath Ara*; Ponnusamy, Vinoth Kumar ***(庫碼)	Process Saf. Environ. Protect.
Backward and forward simulation of polycyclic aromatic hydrocarbons by the grid-scale model _validation and applications for environmental management	Hsieh, Ming-Tsuen; Chung, Wen -Yu; Tseng, Shoiw-Mei; Shih, Pei-Chi; Huang, Shau-Ku; Le, Chon-Lin*	Atmos. Environ.
Explainable geospatial-artificial intelligence models for the estimation of PM 2.5 concentration variation during commuting rush hours in Taiwan	Wong, Pei-Yi; Su, Huey-Jen; Lung, Shih-Chun Candice; Liu, Wan-Yu; Tseng, Hsiao-Ting; Adamkiewicz, Gary; Wu, Chih-Da *(吳治達)	Environ. Pollut.
Exposure characteristics and cumulative risk assessment of bisphenol A and its substitutes: the Taiwan environmental survey for toxicants 2013	Lin, Yu-Jung; Chen, Hsin-Chang; Chang, Jung-Wei; Huang, Han-Bin; Chang, Wan-Ting; Huang, Po-Chin *(黃柏菁)	Front. Public Health
Identification of Gut Microbiome Signatures Associated with Indole Pathway in Tryptophan Metabolism in Patients Undergoing Hemodialysis	Huang, Jih-Kai†; Wu, Ping-Hsun †(吳秉勳); Chen, Zhao-Feng; Liu, Po-Yu; Kuo, Cheng-Chin; Chuang, Yun-Shiuan (莊昀璇); Lu, Meng-Zhan; Kuo, Mei-Chuan; Chiu, Yi-Wen; Lin, Yi-Ting *(林憶婷)	Biomolecules
NTRK3 exhibits a pro-oncogenic function in upper tract urothelial carcinomas	Lim, Lee-Moay; Lee, Yi-Chen; Lin, Ting-Wei; Hong, Zi-Xuan; Hsu, Wei-Chi; Ke, Hung-Lung; Hwang, Daw-Yang; Chung, Wen-Yu; Li, Wei-Ming; Lin, Hui-Hui; Kuo, Hung-Tien; Huang, A-Mei *(黃阿梅)	Kaohsiung J. Med. Sci.
Physical frailty identification using machine learning to explore the 5-item FRAIL scale, Cardiovascular Health Study index, and Study of Osteoporotic Fractures index	Yang, Chen-Cheng; Chen, Po-Hong; Yang, Cheng-Hong; Dai, Chia-Yen; Luo, Kuei-Hau; Chen, Tzu-Hua; Chuang, Hung-Yi *(莊弘毅); Kuo, Chao-Hung	Front. Public Health
Sex difference in the associations among secondhand smoke with metabolic syndrome in non-smokers in a large Taiwanese population follow-up study	Chiang, Tzu-Yu†; Pai, Che-Sheng†; Geng, Jiun-Hung; Wu, Pei-Yu; Huang, Jiun-Chi; Chen, Szu-Chia *(陳思嘉); Chang, Jer-Ming	Int. J. Med. Sci.
Urban-Rural Disparity in Socioeconomic Status, Green Space and Cerebrovascular Disease Mortality	Lin, Wen-Yu; Lin, Ping-Yi; Wu, Chih-Da (吳治達); Liang, Wen-Miin; Kuo, Hsien-Wen*	Atmosphere
Biogas production and its utilization in internal combustion engines - A review	Vasan, Vinod; Sridharan, Naveen Venkatesh; Feroskhan, M.; Vaithyanathan, Sugumaran; Subramanian, Balaji; Tsai, Pei-Chien; Lin, Yuan-Chung; Lay, Chyi-How; Wang, Chin-Tsan; Ponnusamy, Vinoth Kumar *(庫碼)	Process Saf. Environ. Protect.
Carbon and graphene quantum dots based architectonics for efficient aqueous decontamination by adsorption chromatography technique - Current state and prospects	Parambil, Ajith Manayil ; Rajan, Shijin; Huang, Po-Chin; Shashikumar, Uday; Tsai, Pei-Chien; Rajamani, Paulraj; Lin, Yuan-Chung; Ponnusamy, Vinoth Kumar *(庫碼)	Environ. Res.
Development of a Predictive Model for Potentially Inappropriate Medications in Older Patients with Cardiovascular Disease	Lee, Chun-Ying (李純瑩); Chuang, Yun-Shiuan (莊昀璇); Kor, Chew-Teng; Lin, Yi-Ting (林憶婷); Tsao, Yu-Hsiang; Lin, Pei-Ru; Hsieh, Hui-Min; Shen, Mei-Chiou; Wang, Ya-Ling; Fang, Tzu-Jung; Liu, Yen-Tze*	Drugs Aging
Geospatial artificial intelligence for estimating daytime and nighttime nitrogen dioxide concentration variations in Taiwan: A spatial prediction model	Babaan, Jennieveive; Wong, Pei-Yi; Chen, Pau-Chung; Chen, Hsiu-Ling; Lung, Shih-Chun Candice; Chen, Yu-Cheng; Wu, Chih-Da *(吳治達)	J. Environ. Manage.
Innovative technologies for the fabrication of 3D/4D smart hydrogels and its biomedical applications- A comprehensive review	Shashikumar, Uday; Saraswat, Aditya; Deshmukh, Kalim; Hussain, Chaudhery Mustansar; Chandra, Pranjal; Tsai, Pei-Chien; Huang, Po-Chin; Chen, Yi-Hsun *; Ke, Liang-Yin; Lin, Yuan-Chung*; Chawla, Shashi *; Ponnusamy, Vinoth Kumar *(庫碼)	Adv. Colloid Interface Sci.
Investigation of metal concentration distribution and corresponding health exposure assessment of fabricated metal product manufacturers	Lan, Cheng-Hang; Ou, Lun-Chun; Liu, Hung-Hsin; Peng, Chiung-Yu *(彭瓊瑜)	Sci. Rep.
Nationwide Big Data Analysis of Statin Use and Intracerebral Hemorrhage Risk in Acute Ischemic Stroke Patients in Taiwan	Winardi, William; Moi, Sin-Hua (魏芯樺); Winardi, Thomas; Cheng, Yu-Wen; Chen, Po-Yuan*; Lin, Cheng-Kai*	Med. Lith.
Sex differences in the association of long-term exposure to heat stress on kidney function in a large Taiwanese population study	Chen, Yi-Kong; Wu, Ping-Hsun; Wu, Pei-Yu; Tsai, Yi-Chun; Chiu, Yi-Wen; Chang, Jer-Ming; Hung, Chih-Hsing (洪志興); Wu, Chih-Da (吳治達); Kuo, Chao-Hung; Tseng, Yu-Chee; Chen, Szu-Chia *(陳思嘉)	Sci. Rep.
Switchable metal extractant integrated miniaturized 3D-printed device: A semi-online multi-metal separation system for matrix-free ICP-MS analysis	Arputharaj, Emmanuvel (國科會博後); Singh, Shivangi; Huang, Yu-hui; Wu, You-Rong; Perumal, Karthikeyan; Periyasami, Govindasami; Chao, Yu-Ying (趙玉英); Dahms, Hans-Uwe *(譚漢詩); Huang, Yeou-Lih *(黃友利)	Anal. Chim. Acta
Association between wet-bulb globe temperature and kidney function in different geographic regions in a large Taiwanese population study	Su, Wei-Yu; Wu, Ping-Hsun; Lin, Ming-Yen; Wu, Pei-Yu; Tsai, Yi-Chun; Chiu, Yi-Wen; Chang, Jer-Ming; Hung, Chih-Hsing (洪志興); Wu, Chih-Da (吳治達); Kuo, Chao-Hung; Chen, Szu-Chia *(陳思嘉)	Clin. Kidney J.

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From Sea to Science: Coral Aquaculture for Sustainable Anticancer Drug Development	Lin, Hung-Yu; Tsai, Tsen-Ni; Hsu, Kai-Cheng; Hsu, Yu-Ming(許育銘) ; Chiang, Lin-Chien; El-shazly, Mohamed; Chang, Ken-Ming; Lin, Yu-hsuan; Tu, Shang-Yi; Lin, Tony Eight; Du, Ying-Chi; Liu, Yi-Chang*; Lu, Mei-Chin*	Mar. Drugs
Global untargeted and individual targeted plasma metabolomics of breast cancer recurrence modified by hormone receptors	Yang, Pei-Jing; Tsai, Eing-Mei; Hou, Ming-Feng; Lee, Yen-Jung; Wang, Tsu-Nai*	Breast Cancer
Prevalence and predictive factors of colorectal sessile serrated lesions in younger individuals	Yeh, Jen-Hao; Lin, Chih-Wen; Hsiao, Po-Jen; Perng, Daw-Shyong; Chen, Jen-Chieh; Hung, Kuo-Tung; Hsu, Chia-Chang; Chen, Chia-Chi; Liu, Yu-Peng(劉于鵬); Lee, Yi-Chia; Wang, Jaw-Yuan	Endoscopy
Algal biomass based bio-refineries: Concurrent pre-treatment strategies and perspectives for sustainable feedstock	Shashikumar, Uday; Ranjan, Kumar Rakesh; Sharma, Ankit; Naina; Subramanian, Balaji; Tsai, Pei-Chien; Lin, Yuan-Chung; Lay, Chyi-How; Wang, Chin-Tsan; Biswas, Shelly; Ponnusamy, Vinoth Kumar*(庫碼)	Biomass Bioenerg.
Benchmark Dose of Melamine Exposure for a Renal Injury Marker Mediated by Oxidative Stress: Examples in Patients with Urolithiasis and Occupational Workers	Chen, Chu-Chih†(陳主智); Liu, Chia-Chut(劉家駒); Wang, Yin-Han; Wu, Chia-Fang(吳佳芳); Tsai, Yi-Chun(蔡宜純); Li, Sih-Syuan(李思萱); Hsieh, Tusty-Jiuan(謝翠娟); Wu, Ming-Tsang*(吳明蒼)	Toxics
Betel-quid addictive use disorders and Oral potentially malignant disorders and Oral cancer in south, southeast, and East Asia: A systematic review and meta-analysis	Ko, Albert Min-Shan; Wu, Pei-Wen; Lin, Wei-Ting; Lee, Chien-Hung*(李建宏)	Oral Dis.
Evaluation of antibiofilm activity of metal oxides nanoparticles and carbon nanotubes coated styrofoam on the bacterium <i>Jeotgalicoccus huakuii</i>	Mudigonda, Sunaina; Atturu, Pavanchandh; Dahms, Hans-Uwe*(譚漢詩); Hwang, Jiang-Shiou*; Wang, Chih Kuang	Water Res.
Lysophosphatidylcholine Impairs the Mitochondria Homeostasis Leading to Trophoblast Dysfunction in Gestational Diabetes Mellitus	Hung, Shao-Chi; Chan, Te-Fu; Chan, Hsiu-Chuan; Wu, Chia-Ying; Chan, Mei-Lin; Jhuang, Jie-Yang; Tan, Ji-Qin; Mei, Jia-Bin; Law, Shi-Hui; Ponnusamy, Vinoth Kumar(庫碼) ; Chan, Hua-Chen*; Ke, Liang-Yin*	Antioxidants
Samarium-doped vanadium pentoxide nanorods anchored reduced graphene oxide nanocomposite as a bi-functional electrode material for supercapacitor and direct methanol oxidation fuel cell applications	Shankar, V. Uma†; Mona, Yuttana†; Suganya, P.; Kumar, P. Senthil; Govindarajan, D.; Gowri, V. Mangla; Narayanamoorthi, E.; Tsai, Pei-Chien; Lin, Yuan-Chung; Ponnusamy, Vinoth Kumar*(庫碼)	Process Saf. Environ. Protect.
What is the spatiotemporal pattern of benzene concentration spread over susceptible area surrounding the Hartman Park community, Houston, Texas?	Asri, Aji Kusumaning; Newman, Galen D.; Tao, Zhihan; Zhu, Rui; Chen, Hsiu-Ling; Lung, Shih-Chun Candice; Wu, Chih-Da*(吳治達)	J. Hazard. Mater.
Yearly change in air pollution and brain aging among older adults: A community-based study in Taiwan	Lin, Ying-Cen; Fan, Kang-Chen; Wu, Chih-Da(吳治達); Pan, Wen-Chi; Chen, Jiu-Chiuan; Chao, Yi-Ping; Lai, Yen-Jun; Chiu, Yen-Ling; Chuang, Yi-Fang*	Environ. Int.
Advances in perfluoro-alkylated compounds (PFAS) detection in seafood and marine environments: A comprehensive review on analytical techniques and global regulations	Chandrasekaran, Prasath Ramasamy; Chinnadurai, Jeganathan; Lim, Yee Cheng; Chen, Chiu-Wen; Tsai, Pei-Chien; Huang, Po-Chin(黃柏菁) ; Gavahian, Mohsen; Andaluri, Gangadhar; Dong, Cheng-Di*; Lin, Yuan-Chung*; Ponnusamy, Vinoth Kumar*(庫碼)	Environ. Geochem. Health
Association Between Osteoporosis and Adiposity Index Reveals Nonlinearity Among Postmenopausal Women and Linearity Among Men Aged over 50 Years	Chen, Po-Ju; Lu, Yueh-Chien; Lu, Sheng-Nan; Liang, Fu-Wen#; Chuang, Hung-Yi*#(莊弘毅)	J. Epidemiol. Glob. Health
Associations between long-term ambient PM2.5 exposure and the incidence of cardiopulmonary diseases and diabetes, attributable years lived with disability, and policy implication	Chen, Chu-Chih*(陳主智) ; Wang, Yin-Ru; Liu, Jih-Shin; Chang, Hsing-Yi; Chen, Pau-Chung	Ecotox. Environ. Safe.
Comparing Carotid Artery Velocities with Current ASCVD Risk Stratification: A Novel Approach to Simpler Risk Assessment	Lu, Yueh-Chien; Chen, Po-Ju; Lu, Sheng-Nan; Liang, Fu-Wen; Chuang, Hung-Yi*(莊弘毅)	J. Epidemiol. Glob. Health
Comprehensive evaluation of air quality: incense burning and night market emissions in Kaohsiung, Taiwan, using the ISCST3 air quality model	Cheng, Pei-Cheng; Amesho, Kassian T. T.; Huang, Yin-Cheng; Lin, Yuan-Chung*; Chou, Feng-Chih; Wang, Tsu-Nai; Chen, Pei-Shih(陳培詩) ; Chen, Kang-Shin; Chang, Ken-Lin; Lee, Chien-Hung	Air Qual. Atmos. Health
Effects of Heart Rate Variability (HRV) Biofeedback in Pulmonary Indicators and HRV Indices Among Patients with Chronic Obstructive Pulmonary Disease	Wu, Da-Wei(吳大緯) ; Yang, Po-Chou; Lin, I-Mei*	Appl. Psychophysiol. Biofeedback
Fructose intake, endogenous biomarkers and latent metabolic construct in adolescents: Exploring path associations and mediating effects	Wu, Pei-Wen; Chin, Yu-Ting; Lin, Wei-Ting; Tsai, Sharon; Lee, Chun-Ying; Tsai, Wei-Chung; Seal, David W.; Lee, Chien-Hung*(李建宏)	Pediatr. Obes.
Hepatitis C virus infection associated with coronary and thoracic aortic atherosclerosis	Wang, Chih-Wen; Huang, Chung-Feng; Yeh, Ming-Lun; Chen, Szu-Chia(陳思嘉) ; Hung, Chih-Hsing; Kuo, Chao-Hung; Huang, Jee-Fu; Dai, Chia-Yen; Chuang, Wan-Long; Ming, Lung-Yu	Am. J. Med. Sci.
Identification and simultaneous quantification of potential genotoxic impurities in first-line HIV drug dolutegravir sodium using fast ultrasonication-assisted extraction method coupled with GC-MS and in-silico toxicity assessment	Sambandan, Elumalai; Thenmozhi, Kathavarayan; Santosh, G.; Wang, Chun-Chi; Tsai, Pei-Chien; Gurrani, Swapnil; Senthilkumar, Sellappan; Chen, Yi-Hsun; Ponnusamy, Vinoth Kumar*(庫碼)	J. Chromatogr. B

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Immunological hide-and-seek: epigenetically reprogrammed cancer cells and the dynamics of CD8 ⁺ T cells	Low, Jie-Ting; Chan, Michael W. Y.* (陳永恩); Shen, Cheng-Huang; Wei, Kuo-Liang*	Mol. Biol. Rep.
Mediation analysis for TNF- α as a mediator between multiple metal exposure and kidney function	Luo, Kuei-Hau; Tu, Hung-Pin; Chang, Huang-Chih; Yang, Chen-Cheng; Weng, Wei-Chun; Chen, Tzu-Hua; Yang, Cheng-Hong; Chuang, Hung-Yi* (莊弘毅)	Ecotox. Environ. Safe.
Medical home healthcare services in Taiwan, 2013-2020	Tai, Chi-Jung*; Chen, Hsueh-Fen; Lee, Chun-Ying (李純瑩); Hsieh, Hui-Min*	J. Formos. Med. Assoc.
Miniaturized 3D-printed hand-operable dispersive sample pretreatment device with replaceable chitosan/polydopamine thin film metal sorbent for enhanced metal analysis	Arputharaj, Emmanuel (國科會博後); Huang, Yu-Hui; Mariadoss, Arokia Vijaya Anand; Delattre, Cedric; Chen, Po-Chih; Huang, Yeou-Lih* (黃友利)	Int. J. Biol. Macromol.
Rapid green analytical methodology for simultaneous monitoring of nitrosamines and semi-volatile organic compounds in water and human urine samples	Hu, Shih-Tao; Shashikumar, Uday; Gurrani, Swapnil; Tseng, Yu-Tung; Prakasham, Karthikeyan; Huang, Cheng-Te; Krishnan, Anbarasu; Wang, Chao-En; Huang, Po-Chin; Ponnusamy, Vinoth Kumar* (庫碼)	Environ. Geochem. Health
Socioeconomic inequalities in uptake of outreach mammography before and after accessibility improvement of Taiwan's national universal breast cancer screening policy	Shen, Cheng-Ting; Hsieh, Hui-Min* (謝慧敏); Tsao, Yu-Hsiang	BMC Public Health
Urinary paraben exposure increases the risk of a low estimated glomerular filtration rate in Taiwanese general population	Huang, Po-Chin (黃柏菁); Huang, Yen-Hsuan; Chen, Hsin-Chang; Lin, Yu-Jung; Chang, Wan-Ting; Chang, Jung-Wei*	Ecotox. Environ. Safe.
Association between long-term exposure to fine particulate air pollution and risk of death attributed to esophageal cancer in Taiwan	Yang, Chun-Yuh* (楊俊毓)	J. Toxicol. Env. Health PT A
Cost-effectiveness of universal esophageal cancer screening for newly diagnosed oral cancer patients	Hsieh, Hui-Min (謝慧敏); Ho, Chi-Mei; Chen, Yi-Hsun; Hsu, Wen-Hung; Wang, Yao-Kuang; Wang, Yen-Yun; Yuan, Shyng-Shiou F.; Wu, I-Chen*	J. Gastroenterol. Hepatol.
Nitrogen-doped porous carbon-tubes decorated with Co/CoO nanocomposite material derived from covalent organic framework for energy storage application	Easwaran, Narayanamoorthi; Gowthaman, N. S. K.; Veerasamy, Uma Shankar; Tsai, Pei-Chien; Gowri, Veeramani Mangala; Thongmee, Sirikanjana; John, S. Abraham; Elango, K. P.*; Lin, Yuan-Chung*; Ponnusamy, Vinoth Kumar* (庫碼)	Process Saf. Environ. Protect.
Relationship between phthalate exposure and kidney function in Taiwanese adults as determined through covariate-adjusted standardization and cumulative risk assessment	Huang, Po-Chin (黃柏菁); Lin, Ting-Yi; Wu, Chia-Chao; Lo, Yuan-Ting C.; Lin, Wei-Yu; Huang, Han-Bin*	Ecotox. Environ. Safe.
Secondhand smoke is associated with peptic ulcer disease and gastroesophageal reflux disease in non-smokers in a large Taiwanese population study	Yen, Pei-Chi; Geng, Jiun-Hung; Wu, Pei-Yu; Huang, Jiun-Chi; Hu, Huang-Ming; Kuo, Chao-Hung*; Chen, Szu-Chia* (陳思嘉)	Front. Public Health
Use of machine learning algorithms to determine the relationship between air pollution and cognitive impairment in Taiwan	Yang, Cheng-Hong; Wu, Chih-Hsien; Luo, Kuei-Hau; Chang, Huang-Chih; Wu, Sz-Chiao; Chuang, Hung-Yi* (莊弘毅)	Ecotox. Environ. Safe.
Ag nanoparticle-embedded fish scales as SERS substrates for sensitive detection of forever chemical in real samples	Kumar, Jayasree; Jinachandran, Arunima; Ponnusamy, Vinoth Kumar (庫碼); Huang, Genin Gary*; Suresh, Anil K.; Noothalapati, Hemanth; Panneerselvam, Rajapandiyam*	Appl. Surf. Sci.
Beyond biomimicry: Innovative bioinspired materials strategies and perspectives for high-performance energy storage devices	Shashikumar, Uday; Tsai, Pei-Chien; Wang, Chin-Tsan; Lay, Chyi-How; Ponnusamy, Vinoth Kumar* (庫碼)	Process Saf. Environ. Protect.
Eco-friendly synthesis of nano ferrites for effective dye degradation and enhanced antimicrobial protection	Dhayalan, Manikandan; Govindasamy, Rathika; Prakasham, Karthikeyan ; Khan, Moonis Ali; Phanumartwiwath, Anuchit	J. King Saud Univ. Sci.
Efficacy of machine learning algorithm in estimating oxyhydrogen gas generation system: Electrolyte concentration and current influence on sustainable energy production	Subramanian, Balaji; Sridharan, Naveen Venkatesh; Vaithyanathan, Sugumaran; Gurusamy, Manikandaraja; Varuvel, Edwin Geo; Tsai, Pei-Chien; Ponnusamy, Vinoth Kumar* (庫碼)	Process Saf. Environ. Protect.
Higher skin sympathetic nerve activity as a potential predictor of overactive bladder in females refractory to oral monotherapy	Chen, Yu-Chen; Chen, Hao-Wei; Huang, Tien-Chi; Lee, Chien-Hung (李建宏); Chu, Ting-Yin; Juan, Yung-Shun; Liu, Yu-Peng; Tsai, Wei-Chung; Wu, Wen-Jeng	Kaohsiung J. Med. Sci.
Novel MoS ₂ -In ₂ O ₃ -WS ₂ (2D/3D/2D) ternary heterostructure nanocomposite material: Efficient photocatalytic degradation of antimicrobial agents under visible-light	Dharmalingam, Karthigaimuthu †蹲點學生; Thangavel, Elangovan†; Tsai, Pei-Chien; Pham, Phuong V.; Prakasham, Karthikeyan ; Andaluri, Gangadhar; Manjappa, Kiran B.; Lin, Yuan-Chung*; Ponnusamy, Vinoth Kumar* (庫碼)	Environ. Res.
Olaparib enhancing radiosensitization and anti-metastatic effect of oral cancer by targeting IL-17A signal	Yu, Chih-Chia; Lin, Hon-Yi; Chan, Michael W (陳永恩). Y.; Wu, Shu-Fen; Chiou, Wen-Yen; Lee, Moon-Sing; Chi, Chen-Lin; Lin, Ru-Inn; Hsu, Feng-Chun; Yang, Hsuan-Ju; Chen, Liang-Cheng; Chew, Chia-Hui; Hung, Shih-Kai*	Cancer Cell Int.
Self-assembled mesoporous silica decorated with biogenic carbon dot nanospheres hybrid nanomaterial for efficient removal of aqueous Methoxy-DDT via a Short-Bed Adsorption column technique	Parambil, Ajith Manayil 蹲點學生; Priyadarshini, Eepsita; Goutam, Rohit; Tsai, Pei-Chien; Huang, Po-Chin; Rajamani, Paulraj; Lin, Yuan-Chung; Ponnusamy, Vinoth Kumar* (庫碼)	Environ. Res.
The role of PM _{2.5} exposure in lung cancer: mechanisms, genetic factors, and clinical implications	Chen, Chi-Yuan; Huang, Kuo-Yen*; Chen, Chin-Chuan; Chang, Ya-Hsuan (張雅煊); Li, Hsin-Jung; Wang, Tong-Hong*; Yang, Pan-Chyr*	EMBO Mol. Med.

Article Title	Authors	Journal
Estimating monthly NO ₂ , O ₃ , and SO ₂ concentrations via an ensemble three-stage procedure with downscaled satellite remote sensing data and ground measurements	Chen, Chu-Chih (陳主智); Wang, Yin-Ru; Wang, Fu-Cheng; Shiu, Yi-Shiang; Wu, Chang-Fu; Lin, Tang-Huang	J. Hazard. Mater.
Impact of seasonal changes and environmental conditions on suspended and inhalable microplastics in urban air	Chen, Yu-Cheng (陳裕政); Wei, Chun-Hsuan; Hsu, Wei-Ting; Proborini, Wahyu Diah; Hsiao, Ta-Chih; Liu, Zhen-Shu; Chou, Hsiu-Chuan; Soo, Jhy-Charm; Dong, Guo-Chung; Chen, Jen-Kun*	Environ. Pollut.
Metabolic syndrome and spatial disparities: The role of socioeconomic deprivation and medical resource availability in the Cijin district, Taiwan	Su, Pei-Hung; Tsai, Jong-Rung; Chang, Wei-Lun; Hsieh, Hui-Min* (謝慧敏)	Kaohsiung J. Med. Sci.
Unveiling the interaction and combined effects of multiple metals/ metalloids exposure to TNF- α and kidney function in adults using bayesian kernel machine regression and quantile-based G-computation	Luo, Kuei-Hau; Tu, Hung-Pin; Chung, Yong-Chuan; Huang, Min-Hsin; Yang, Chen-Cheng; Chen, Tzu-Hua; Yang, Cheng-Hong; Chuang, Hung-Yi* (莊弘毅)	J. Trace Elem. Med. Biol.
Genetic diversity and relatedness of feline parvovirus in Vietnam and its potential implications for canine-feline transmission	Minh, Hoang; Son, Nguyen Vu; Duc, Hoang Minh; Lin, Chao-Nan; Tyan, Yu-Chung* (田育彰); Chuang, Kuo-Pin*	Arch. Virol.
SGLT2 Inhibitor Canagliflozin Alleviates High Glucose-Induced Inflammatory Toxicity in BV-2 Microglia	Lee, Ching-Tien; Lin, Kun-Der; Hsieh, Cheng-Fang; Wang, Jiz-Yuh* (王志煜)	Biomedicines