

2021 Paper list

| AUTHORS | TITLE |
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| Peng CY(彭瓊瑜), Hsieh HM*(謝慧敏), Li MY, Liaw LJ, Wang CL, Pan CH, Wu MT(吳明蒼) | Peng CY, Hsieh HM, Li MY, Liaw LJ, Wang CL, Pan CH, Wu MT. Gender differences and site-specific incident risks of musculoskeletal disorders among 224 506 workers in the food and beverage service industry in Taiwan: A 15-year Nationwide Population-Based Cohort Study. <i>J Occup Health.</i> 2021 Jan;63(1):e12214. [IF=2.708; Field=48.77%] |
| Tsai TL, Lei WT, Kuo CC, Sun HL, Su PH, Wang SL*(王淑麗) | Maternal and childhood exposure to inorganic arsenic and airway allergy - A 15-Year birth cohort follow-up study. <i>Environ Int.</i> 2021 Jan;146:106243. [IF=9.621; Field=5.11%] |
| Chang CW, Wang CW, Wu DW, Lee WH, Chen YC, Liu YH, Li CH, Tsai CC, Lin WY, Chen SC(陳思嘉), Hung CH(洪志興), Kuo CH, Su HM*(蘇河名) | Significant association between blood lead (Pb) level and haemoglobin A1c in non-diabetic population. <i>Diabetes Metab.</i> 2021 Sep;47(5):101233. [IF=6.041; Field=18.62%] |
| Tsai HJ(蔡惠如), Wu PY, Huang JC, Chen SC*(陳思嘉) | Environmental Pollution and Chronic Kidney Disease. <i>Int J Med Sci.</i> 2021 Jan 1;18(5):1121-1129. [IF=3.738; Field=26.04%] |
| Lin IT, Lee MY, Wang CW, Wu DW, Chen SC*(陳思嘉) | Gender Differences in the Relationships among Metabolic Syndrome and Various Obesity-Related Indices with Nonalcoholic Fatty Liver Disease in a Taiwanese Population. <i>Int J Environ Res Public Health.</i> 2021 Jan 20;18(3):857. [IF=3.39; Field=23.30%] |
| Wu MC, Dahms HU(譚漢詩), Liu CH, Hsieh CY*, Wang CC, Ho ZY | Wu MC, Dahms HU, Liu CH, Hsieh CY, Wang CC, Ho ZY. Estuarine sediment toxicity testing with an indigenous subtropical amphipod. <i>Mar Pollut Bull.</i> 2021 Jan;162:111797. [IF=5.553; Field=2.73%] |
| Huang HC, Suen PC, Liu JS, Chen CC, Liu YB*, Chen CC*(陳主智) | Huang HC, Suen PC, Liu JS, Chen CC, Liu YB, Chen CC. Effects of Apparent Temperature on the Incidence of Ventricular Tachyarrhythmias in Patients With an Implantable Cardioverter-Defibrillator: Differential Association Between Patients With and Without Electrical Storm. <i>Front Med (Lausanne).</i> 2021 Jan 15;7:624343. [IF=5.091; Field=16.57%] |

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| Chen MC, Wang CF, Lai BC, Hsieh SW, Chen SC* (陳思嘉), Hung CH (洪志興), Kuo CH | <p>Air Pollution Is Associated with Poor Cognitive Function in Taiwanese Adults. <i>Int J Environ Res Public Health.</i> 2021 Jan 4;18(1):316. [IF=3.39; Field=23.30%]</p> |
| Chiu TH†, Tsai HJ† (蔡惠如), Chiou HC, Wu PY, Huang JC, Chen SC* (陳思嘉) | <p>A high triglyceride-glucose index is associated with left ventricular dysfunction and atherosclerosis. <i>Int J Med Sci.</i> 2021 Jan 1;18(4):1051-1057 [IF=3.738; Field=26.04%]</p> |
| Hsu PC, Huang JC, Lee WH, Chen YC, Wu PY, Tsai WC, Chen SC* (陳思嘉), Su HM* | <p>Usefulness of Ankle-Brachial Index Calculated Using Diastolic Blood Pressure and Mean Arterial Pressure in Predicting Overall and Cardiovascular Mortality in Hemodialysis Patients. <i>Int J Med Sci.</i> 2021 Jan 1;18(1):65-72. [IF=3.738; Field=26.04%]</p> |
| Wang BR, Dahms HU (譚漢詩), Wu MC, Jhuo NJ, Hsieh CY | <p>After remediation – Using toxicity identification evaluation of sediment contamination in the subtropical Erren river basin. <i>Chemosphere.</i> 2021 Jan;262:127772. [IF=7.086; Field=10.95%]</p> |
| Aghalari Z, Dahms HU (譚漢詩), Jafarian S, Gholinia H | <p>Evaluation of organizational and social commitments and related factors during the coronavirus pandemic of healthcare workers in northern Iran. <i>Global Health.</i> 2021 Jan 19;17(1):12. [IF=4.185; Field=14.20%]</p> |
| Pasupuleti RR†, Gurrani S †, Tsai PC, Ponnusamy VK* (庫碼) | <p>Novel Salt-Assisted Liquid-Liquid Microextraction Technique for Environmental, Food, and Biological Samples Analysis Applications: A Review. <i>Curr Anal Chem.</i> 2021 Jan 17: 1-11. [IF=1.892; Field=81.93%]</p> |
| Muthusankar Eswaran†, Ragupathy Dhanusuraman†, Bavatharani Chokkiah, Tsai PC, Saikh Mohammad Wabaidur, Zeid Abdullah Alothman, Ponnusamy VK* (庫碼) | <p>Poly(diphenylamine) and its Nanohybrids for Chemicals and Biomolecules Analysis: A Review. <i>Curr Anal Chem.</i> 2021 Jan 17: 1-15. [IF=1.892; Field=81.93%]</p> |
| Yang MH, Chen SC, Chen KC, You HP, Wu HY, Arthur Chen YM, Huang YF, Huang MY, Yuan CH, Lin PC, Tyan YC* (田育彰) | <p>Quantitative analysis of progesterone using isotope dilution-matrix-assisted laser desorption ionization-time of flight mass spectrometry as a reference procedure for radioimmunoassay. <i>Clin Chim Acta.</i> 2021 Jan;512:106-111. [IF=3.786; Field=24.14%]</p> |

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| <p>Lin CY, Huang CH, Wang WH, Tenhunen J, Hung LC, Lin CC, Chen YC, Chen YH†*, Liao WT†*(廖偉廷)</p> | <p>Mono-(2-ethylhexyl) phthalate Promotes Dengue Virus Infection by Decreasing IL-23-Mediated Antiviral Responses. <i>Front Immunol.</i> 2021 Feb 15;12:599345. [IF=7.561; Field=14.81%]</p> |
| <p>Hung CH(洪志興), Lin YC, Tsai YG, Lin YC, Kuo CH, Tsai ML, Kuo CH, Liao WT*(廖偉廷)</p> | <p>Acrylamide Induces Mitophagy and Alters Macrophage Phenotype via Reactive Oxygen Species Generation. <i>Int J Mol Sci.</i> 2021 Feb 8;22(4):1683. [IF=5.923; Field=22.48%]</p> |
| <p>Tsai HJ(蔡惠如), Hung CH(洪志興), Wang CW, Tu HP, Li CH, Tsai CC, Lin WY(林文一), Chen SC*(陳思嘉), Kuo CH</p> | <p>Associations among Heavy Metals and Proteinuria and Chronic Kidney Disease. <i>Diagnostics (Basel)</i>. 2021 Feb 11;11(2):282. [IF=3.706; Field=26.63%]</p> |
| <p>Hsieh SW, Wu DW*(吳大緯), Wang CW, Chen SC*(陳思嘉), Hung CH(洪志興), Kuo CH</p> | <p>Poor Cognitive Function Is Associated with Obstructive Lung Diseases in Taiwanese Adults. <i>Int J Environ Res Public Health</i>. 2021 Feb 27;18(5):2344. [IF=3.39; Field=23.30%]</p> |
| <p>Chou HT†, Wu PY, Huang JC, Chen SC†(陳思嘉), Ho WY*</p> | <p>Late Menarche, Not Reproductive Period, Is Associated with Poor Cognitive Function in Postmenopausal Women in Taiwan. <i>Int J Environ Res Public Health</i>. 2021 Feb 27;18(5):2345. [IF=3.39; Field=23.30%]</p> |
| <p>Senthil Nagappan, Rahul R. Bhosale, Dinh Duc Nguyen, Nguyen Thuy Lan Chi, Ponnusamy VK*(庫碼), Chang Soon Woong, Gopalakrishnan Kumar*</p> | <p>Catalytic hydrothermal liquefaction of biomass into bio-oils and other value-added products - A review. <i>Fuel</i>. 2021 Feb; 285: 119053. [IF=6.609; Field=13.99%]</p> |
| <p>Chen CJ, Liu YP*(劉于鵬)</p> | <p>MERTK Inhibition: Potential as a Treatment Strategy in EGFR Tyrosine Kinase Inhibitor-Resistant Non-Small Cell Lung Cancer. <i>Pharmaceuticals (Basel)</i>. 2021 Feb 6;14(2):130. [IF=5.863; Field=14.29%]</p> |
| <p>Ho TC†, Wang YH†, Chen YL, Tsai WC, Lee CH, Chuang KP, Chen YA, Yuan CH, Ho SY, Yang MH*, Tyan YC*(田育彰)</p> | <p>Chloroquine and Hydroxychloroquine: Efficacy in the Treatment of the COVID-19. <i>Pathogens</i>. 2021 Feb 17;10(2):217. [IF=3.492; Field=49.26%]</p> |
| <p>Sharma P, Lee JL, Tsai EM, Chang Y†, Suen JL†*(孫昭玲)</p> | <p>n-Butyl Benzyl Phthalate Exposure Promotes Lesion Survival in a Murine Endometriosis Model. <i>Int J Environ Res Public Health</i>. 2021 Mar 31;18(7):3640. [IF=3.39; Field=23.30%]</p> |

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The Association of White Blood Cells and Air Pollutants-A Population-Based Study. *Int J Environ Res Public Health.* 2021 Mar 1;18(5):2370.
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Wang CW, Wu DW, **Chen SC***(陳思嘉), Chen HC, Lin HH, Su H, Shiea JT, Lin WY, **Hung CH***(洪志興), Kuo CH

Associations of dermal diethyl phthalate level with changes in lung function test value mediated by absolute eosinophil count: A panel study of adults in southern Taiwan. *Environ Res.* 2021 Mar;194:110613.
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Pasupuleti RR, Tsai PC, **Ponnusamy VK***(庫碼)

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| Jou YC†, Lin GL†, Lin HY†, Huang WH, Chuang YM, Lin RI, Chen PC, Wu SF, Shen CH*, Chan MWY* (陳永恩) | Cyproheptadine, an epigenetic modifier, exhibits anti-tumor activity by reversing the epigenetic silencing of IRF6 in urothelial carcinoma. <i>Cancer Cell Int.</i> 2021 Apr 19;21(1):226. [IF=5.722; Field=29.34%] |
| Aghalari Z*, Dahms HU* (譚漢詩), Sosa-Hernandez JE, Oyervides-Muñoz MA, Parra-Saldívar R | Evaluation of SARS-CoV-2 transmission through indoor air in hospitals and prevention methods: A systematic review. <i>Environ Res.</i> 2021 Apr;195: 110841. [IF=6.498; Field=7.88%] |
| Chen IL, Tsai MK, Chung HW, Hsieh HM, Huang YT, Lin YC*, Hung CH* (洪志興) | The effects of antibiotic exposure on asthma in children with atopic dermatitis. <i>Sci Rep.</i> 2021 Apr 19;11(1):8526. [IF=4.379; Field=23.29%] |
| Jeng JY, Jiang ZH, Cho YT, Su H, Lee CW (李啟偉), Shiea J* (謝建台) | Obtaining molecular imagings of pesticide residues on strawberry surfaces with probe sampling followed by ambient ionization mass spectrometric analysis. <i>J Mass Spectrom.</i> 2021 Apr;56(4):e4644. [IF=1.982; Field=58.14%] |
| Liu HY, Liao KM, Liang FW (梁富文), Hung YC, Wang JJ, Shen TC*, Ho CH* | The risk of pulmonary tuberculosis after traumatic brain injury. <i>Sci Rep.</i> 2021 Apr 9;11(1):7840. [IF=4.379; Field=23.29%] |
| Lopes AM, Dahms HU (譚漢詩), Converti A, Mariottini GL | Role of model organisms and nanocompounds in human health risk assessment. <i>Environ Monit Assess.</i> 2021 Apr 20;193(5):285. [IF=2.513; Field=62.04%] |
| Wu PW, Tsai S, Lee CY, Lin WT, Chin YT, Huang HL, Seal DW, Chen T, Lee CH* (李建宏) | Contribution of insulin resistance to the relationship between sugar-sweetened beverage intake and a constellation of cardiometabolic abnormalities in adolescents. <i>Int J Obes (Lond).</i> 2021 Apr; 45(4): 828-839. [IF=5.095; Field=26.14%] |
| Wu TC, Peng CY* (彭瓊瑜), Hsieh HM (謝慧敏), Pan CH, Wu MT (吳明蒼), Lin PC, Wu CF (吳佳芳), Hsieh TJ (謝翠娟) | Reduction of aldehyde emission and attribution of environment burden in cooking fumes from food stalls using a novel fume collector. <i>Environ Res.</i> 2021 Apr;195:110815. [IF=6.498; Field=7.88%] |

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Prenatal Phthalates Exposure and Cord Thyroid Hormones: A Birth Cohort Study in Southern Taiwan. *Int J Environ Res Public Health.* 2021 Apr 19;18(8): 4323.
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- Wang LT, Lin MH, Liu KY, Chiou SS(邱世欣), Wang SN, Chai CY, Tseng LW, Chiou HC, Wang HC, Yokoyama KK, Hsu SH*, Huang SK***
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- Tsao CY, Tuan LH, Lee LJ(李俊賢), Liu CM, Hwu HG, Lee LJ**
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- Ujwala O. Bhagwat, Karthik Raja Kumar, Asad Syed, Najat Marraiki, Vinoth Kumar Ponnusamy*(庫碼), Sambandam Anandan***
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Phytochemicals intended for anticancer effects at preclinical levels to clinical practice: Assessment of formulations at nanoscale for non-small cell lung cancer (NSCLC) therapy. *Process Biochem.* 2021 May; 104: 55-75
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The Evaluation of Left Ventricle Ischemic Extent in Patients with Significantly Suspicious Cardiovascular Disease by 99m Tc-Sestamibi Dynamic SPECT/CT and Myocardial Perfusion Imaging: A Head-to-Head Comparison. *Diagnostics (Basel).* 2021 Jun 16;11(6):1101.
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Gurunathan R, Huang B, **Ponnusamy VK**(庫碼), Hwang JS, **Dahms HU***(譚漢詩)

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| Huang HB, Siao CY, Lo YC, Shih SF, Lu CH, Huang PC*(黃柏菁) | Mediation effects of thyroid function in the associations between phthalate exposure and glucose metabolism in adults. <i>Environ Pollut.</i> 2021 Jun 1;278:116799. [IF=8.071; Field=8.39%] |
| Tsai HJ(蔡惠如), Kuo FC, Wu CF(吳佳芳), Sun CW, Hsieh CJ, Wang SL, Chen ML, Hsieh HM, Chuang YS, Wu MT*(吳明蒼) | Association between two common environmental toxicants (phthalates and melamine) and urinary markers of renal injury in the third trimester of pregnant women: The Taiwan Maternal and Infant Cohort Study (TMICS). <i>Chemosphere.</i> 2021 Jun, 272, 129925. [IF=7.086; Field=10.95%] |
| Wang CW, Chen SC(陳思嘉) , Wu DW, Chen HC, Lin HH, Su H, Shiea JT(謝建台) , Lin WY, Hung CH*(洪志興) , Kuo CH | Effect of dermal phthalate levels on lung function tests in residential area near a petrochemical complex. <i>Environ Sci Pollut Res Int.</i> 2021 Jun;28(21):27333-27344. [IF=4.223; Field=33.21%] |
| Dlamini SB(沙貝羅), Dahms HU*(譚漢詩), Wu MT*(吳明蒼) | Factors associated with prognostic or treatment outcomes in HIV/AIDS patients with and without hypertension in Eswatini. <i>Sci Rep.</i> 2021 Jun 21;11(1):12955. [IF=4.379; Field=23.29%] |
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| Venkatesan Savunthari K, Arunagiri D, Shanmugam S, Ganesan S, Arasu MV, Al-Dhabi NA, Chi NTL, Ponnusamy VK(庫碼) | Green Synthesis of Lignin Nanorods/gC3N4 Nanocomposite Materials for Efficient Photocatalytic Degradation of Triclosan in Environmental Water. <i>Chemosphere.</i> 2021 Jun;272:129801. [IF=7.086; Field=10.95%] |
| Hung SC, Yang CC, Liu CF, Kung CT, Lee WH, Ho CK, Chuang HY*(莊弘毅) , Yu HS | The Association Pattern between Ambient Temperature Change and Leukocyte Counts. <i>Int J Environ Res Public Health.</i> 2021 Jun 29;18(13):6971. [IF=3.39; Field=23.30%] |
| Liu YH, Wang CW, Wu DW, Lee WH, Chen YC, Li CH, Tsai CC, Lin WY(林文一) , Chen SC(陳思嘉) , Hung CH(洪志興) , Kuo CH, Su HM*(蘇河名) | Association of Heavy Metals with Overall Mortality in a Taiwanese Population. <i>Nutrients.</i> 2021 Jun 17;13(6):2070. [IF=5.717; Field=19.32%] |

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| Chang CC, Yang MH, Chang SM, Hsieh YJ, Lee CH, Chen YA, Yuan CH, Chen YL, Ho SY, Tyan YC* (田育彰) | Clinical significance of olfactory dysfunction in patients of COVID-19. <i>J Chin Med Assoc.</i> 2021 Jul 1;84(7):682-689. [IF=2.743; Field=37.13%] |
| Ho TC†, Chang CC, Chan HP†, Huang YF, Chen YA, Chuang KP, Lee CH, Yuan CH, Deng YZ, Yang MH*, Tyan YC* (田育彰) | Pulmonary Findings of [18 F]FDG PET/CT Images on Asymptomatic COVID-19 Patients. <i>Pathogens.</i> 2021 Jul 3;10(7):839. [IF=3.492; Field=49.26%] |
| Su HM, Lee WH, Chen YC, Liu YH, Huang JC, Wu PY, Chen SC* (陳思嘉) | Determinants of Longitudinal Change of Glycated Hemoglobin in a Large Non-Diabetic Population. <i>J Pers Med.</i> 2021 Jul 8;11(7):648. [IF=4.945; Field=13.89%] |
| Manikandan Ramalingam, Thangavelu Kokulnathan, Pei-Chien Tsai, Mariadhas Valan Arasu, Naif Abdullah Al-Dhabi, Karthikeyan Prakasham, Vinoth Kumar Ponnusamy* (庫碼) | Ultrasonication-assisted synthesis of gold nanoparticles decorated ultrathin graphitic carbon nitride nanosheets as a highly efficient electrocatalyst for sensitive analysis of caffeic acid in food samples. <i>Appl Nanosci.</i> 2021 Jul; Page 1-12; 2021. [IF=3.674; Field=56.60%] |
| Fang YJ, Chuang HY, Pan CH, Chang YY, Cheng Y, Lee LJ* (李俊賢) | Increased Risk of Gastric Cancer in Asbestos-Exposed Workers: A Retrospective Cohort Study Based on Taiwan Cancer Registry 1980-2015. <i>Int J Environ Res Public Health.</i> 2021 Jul 15;18(14):7521. [IF=3.39; Field=23.30%] |
| Tsou HH†, Tsai HC†, Chu CT, Cheng HW, Liu CJ, Lee CH (李建宏), Liu TY, Wang HT* | Cigarette Smoke Containing Acrolein Upregulates EGFR Signaling Contributing to Oral Tumorigenesis In Vitro and In Vivo. <i>Cancers (Basel).</i> 2021 Jul 15;13(14):3544. [IF=6.639; Field=21.07%] |
| Tsai WC, Lee WH, Chen YC, Liu YH, Chang CT, Hsu PC, Chu CY, Lin TH, Lee CS, Lee CH (李建宏), Voon WC, Lai WT, Sheu SH, Su HM | Combination of low ankle-brachial index and high ankle-brachial index difference for mortality prediction. <i>Hypertens Res.</i> 2021 Jul;44(7):850-857. [IF=3.872; Field=35.38%] |
| Chang YS†, Liang FW† (梁富文), Lin YJ, Lu TH, Lin CH | Neonatal and infant mortality of very-low-birth-weight infants in Taiwan: Does the level of delivery hospital matter? <i>Pediatr Neonatol.</i> 2021 Jul;62(4):419-427. [IF=2.083; Field=55.04%] |
| Li CH, Chiou HC, Lin MH, Kuo CH, Lin YC, Lin YC, Hung CH* (洪志興), Kuo CH | Immunological map in COVID-19. <i>J Microbiol Immunol Infect.</i> 2021 Aug;54(4):547-556. [IF=4.399; Field=33.58%] |

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