



基本資料 |

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專長 | 胜肽合成、胜肽純化與 NMR 光譜鑑定、胜肽及藥物分子與微胞作用機制、黴菌毒素檢驗

期刊論文 | (2020~2024)

1. Chien W. J., Agrawal D. C., Sapriani, H., Saroj A., and Saputri D. S., "Characterization and potential application of microspheres from sodium alginate cross-linked with pectin from *Citrus depressa* Hayata' s peels" *Beni-Suef Univ J Basic Appl Sci*, 13, 95 (2024)
2. Chang Chien S. W., Chang Y. S., Chen S. H., and Chien W. J., "Soil Quality Testing and Counseling Coastal Agricultural Communities in Taiwan" *International Journal of Environmental Sustainability and Protection*, 4(2), 1-7 (2024)
3. Kumarasamy K., Devendhiran T., Chien W. J., Lin M.-C.*, Ramasamy S. K., and Yang J.-J., "Bodipy-based quinoline derivative as a highly Hg²⁺-selective fluorescent chemosensor and its potential applications" *Methods*, 223, 35-44, (2024)
4. Saputri D. S., Tanti S., Lin H. Y. and Chien W. J., "Evaluation of Ascorbic Acid and Sugar Content in Taiwanese Lemon (*Citrus depressa* H.) Extract" *Food and Agro-Industry*, 4(1) 9-20 (2023)
5. Lin H.-Y., Saputri D. S., Yanti S., Agrawal D. C., Yang W.-G., and Chien W. J., "Analysis of phytoestrogens from eleven soybean cultivars using LC-MS approach" *International Journal of Applied Science and Engineering*, 20(1), (2023)
6. Kumarasamy K., Devendhiran Y., Chien W. J., and Lin M. C., Ramasamy S. K., Liao Y. F., "Synthesis and recognition behaviour studies of benzimidazole derivative containing pyridine moiety" *Journal of Photochemistry and Photobiology A: Chemistry*, 445, 115067 (2023)

7. Kumarasamy K., Devendhiran T, Asokan S. M, Mahendran R., Lin M.-C.*, **Chien W. J.**, Ramasamy S. K., and Huang C. Y., "Synthesis and structural characterization of C,N-benzimidazole based ruthenium(II) complex with in vitro anticancer activity" , *Inorganic Chemistry Communications*, 152, 110662 (2023)
8. Kumarasamy K., Devendhiran T, **Chien W. J.**, Lin M.-C.*, Ramasamy S. K., Chen C.-J. and Tseng J.-C., "Metal recognition behaviour study of coumarin containing benzimidazole moiety" *International Journal of Applied Science and Engineering*, 20(4), (2023)
9. **Chien W. J.**, Saputri D. S., Yanti S., and Agrawal D. C., "Response Surface Methodology for Simple Non-Acid Ultrasonic-Assisted Extraction of Pectin from Taiwan' s Citrus depressa H. Peels" , *Chiang Mai University Journal of Natural Sciences*, e2022062, 21(4) (2022)
10. **Chien W. J.**, Lin H. Y., Saputri D. S., "Valorization of Taiwan's Citrus depressa Hayata peels as a source of nobiletin and tangeretin using simple ultrasonic-assisted extraction" *Curr Res Food Sci*, 5, 278-287 (2022)
11. Yanti S., Agrawal D. C., and **Chien W. J.***, "Profiling of insulin and resveratrol interaction using multi-spectroscopy and molecular docking study" , *Beni-Suef University Journal of Basic and Applied Sciences*, 90, (2022)
12. Yanti S., Saputri D. S., Lin H. Y., Chou Y.-C., Agrawal D. C., and **Chien W. J.***, "Fatty Acid Evaluation of Seeds and Nuts by Spectroscopy and Chromatography" , *Food Science and Technology*, 9(3):58-68 9(3), 56-68 (2021)
13. Lin H. Y., Agrawal D. C., Yang W. G., **Chien W. J.***, "A simple HPLC-MS/MS method for the analysis of multi-mycotoxins in betel nut" , *International Journal of Applied Science and Engineering*, 18(5), (2021)
14. Lin H. Y., Liang X. T., Yang W. G., **Chien W. J.**, "High-Performance liquid chromatography-tandem mass spectrometry with polar C18 for rapid quantification of anthocyanin and flavonoid in black soybean extracts" , *International Journal of Applied Science and Engineering*, 14(4), (2020)

研討會論文 |

1. Yanti S., Chou Y.-C., **Chien W. J.**, "Determination of oil content in sacha inchi (*Plukenetia volubilis*) by GC-FID, 1D NMR, and NIR" , *The 1st International Conference on Science Education and Science*, 3–4 December 2021. *AIP Conference Proceedings*, V.2619, 1,

(2023)

- Lin H. Y., Saputri D. S., Yanti S.; **Chien W. J.***, "Investigation of eight types of sugars in bubble milk tea by HPLC-ELSD technique" The 1st International Conference on Science Education and Science, 3–4 December 2021, Mataram, Indonesia, AIP Conference Proceedings, V.2619, 1, (2023)
- Saputri D. S., **Chien W. J.***; Lai W. Z., Agrawal D. C., "Spectroscopic study of the conformation of human parathyroid hormone segment (hPTH 1–34) under dodecylphosphocholine (DPC) micellar environment" The 4TH International Annual Meeting on STEM Education (IAMSTEM 2021) 12–14 August 2021 Keelung, Taiwan, AIP Conference Proceedings, V.2685, 1, (2023)
- Saputri D. S., Chen W.-C., and **Chien W. J.*** "Investigation the oxidative rancidity of soybean oil by NMR spectroscopy" The 4th International Annual Meeting on STEM Education (IAMSTEM 2021) Keelung, Taiwan, AIP Conference Proceedings, Volume: 2685, 020008 (2023)
- Lin H. Y., Saputri D. S., Yanti S., Cheng G. L., Yang W. G., and **Chien W. J.**, "Simultaneous and rapid determination of 20 illegal drugs by LC-MS/MS in instant coffee packaging bag" The 4th International Annual Meeting on STEM Education (IAMSTEM 2021) Keelung Taiwan, Volume: 2685, 060013 (2023)

專書文章 |

年度	著作
2023	錢偉鈞, "由領域到場域-校務發展與USR的共伴效應", 冬釀-大學社會責任的豐收與永續, 頁118-123, 教育部大學社會責任推動中心, 台北, 2023。ISBN / ISSN : 978-626-3451049
2022	"2023 島創生·心創新-朝陽科技大學大學社會責任年報", 朝陽科技大學研究發展處, 台中, 2022。ISBN : 978-986-5631-70-3
2022	"2022 島創生·心創新-朝陽科技大學大學社會責任實踐耕耘記事", 朝陽科技大學研究發展處, 台中, 2022。ISBN : 978-986-5631-62-8

專利 |

專利名稱	國別	專利號碼	參與人員
用於分離異構物的套組	中華民國	證書號數: M662262	林宏諭、錢偉鈞、劉素

專利名稱	國別	專利號碼	參與人員
		2024.10.21	娟、楊仁評、陳麒全、吳念樺
誘蟲盒	中華民國	證書號數：I829580， 2024.01.11	林進發、謝浚揚、錢偉鈞、黃閔廷
捕蟲裝置及系統	中華民國	證書號數：I721892， 2021.03.11	林進發、錢偉鈞、吳柏誠、詹承祐、邢益勛
具提醒功能的誘蟲裝置	中華民國	證書號數：I666986， 2019.08.01	林進發、錢偉鈞、余紹璋、蔡長銘、王志忠、吳柏誠、洪鈺傑
具蟲體計數功能之誘蟲裝置及蟲體計數方法	中華民國	證書號數：I590762， 2017.07.11	錢偉鈞、張經盛、林進發、蔡長恩、沈裕哲