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Title	Assistive Professor	
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Email	chiayu@stust.edu.tw	
Education	PhD, Environmental Health, National Taiwan University	
Research Interests	Environmental and Occupational Safety and Health, Food Safety and Sanitation, Bioaerosol	
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Work Experience	Department of Biotechnology and Food Technology, Southern Taiwan University of Science and Technology, 2003.08~ Department of Industrial Safety and Health, Hungkuang University, 2003.02~2003.07	
Webpage		

Publications

Journal Papers

1. 林家妤，鄭順嘉，王建元，張銘顯，楊舜丞（2005）。火車站月臺與車廂內的空氣品質評估，南台科技大學學報，第30期，255頁至266頁。
2. Lin, C. Y. and Li, C. S. (2003). Inactivation of microorganisms by photocatalytic surfaces in air, *Aerosol Science and Technology*, 37: 939-946. (SCI) NSC 90-2320-B-002-180
3. Lin, C. Y. and Li, C. S. (2003). Effectiveness of titanium dioxide photocatalyst filters for controlling bioaerosols, *Aerosol Science and Technology* 37: 162- 170. (SCI) NSC 90-2320-B-002-180
4. Lin, C. Y. and Li, C. S. (2002). Control effectiveness of ultraviolet germicidal irradiation on bioaerosols, *Aeorsol Science and Technology* 36: 474-478. (SCI) NSC 89-2314-B-002-378

Conference Papers

1. Liu, Z. H. and Lin, C. Y. (2024). Environmental Monitoring Program of Food Factories: A Case Study of a Jam Processing Factory in Tainan City. 2024 International Symposium on Novel and Sustainable Technology. Tainan.
2. Lyu, Y. D., Lin, C. Y., Chen, P. T. (2023). Development of Recombinant Enzyme Purification and Recovery System Utilizing Chitin as the Immobilization Matrix. 2023 International Symposium on Novel and Sustainable Technology. Tainan.
3. Zhou, B. X., Ge, C. E., Lyu, Y. D., Lin, C. Y., Chen, P. T. (2022). Development of Chitin-based Bioreactor for Enzyme Immobilization. 2022 International Symposium on Novel and Sustainable Technology. Tainan.
4. Wang, W. C., Lin, C. Y., Chen, P. T. (2021). Development of fermentation strategy for keratinase production. 2021 11th International Green Sustainable Biotechnology Symposium. Kaohsiung.
5. Wang, W. C., Sun, Y. C., Lin, C. Y., Chen, P. T. (2020). Analysis of antioxidant capacity of lactic acid bacteria fermented broth using agricultural waste as nutrient source. 2020 International Symposium on

Novel and Sustainable Technology. Tainan.

6. Cheng, S. Y., Lin, T. H., Cai, M. Z., Lin, C. Y., Chen, P. T. (2020). Construction of Escherichia coli Nissle 1917 cryptic plasmids for recombinant protein production. 2020 International Symposium on Novel and Sustainable Technology. Tainan.
7. Zheng, Y. X., Lin, T. H., Wang, W. C., Lin, C. Y., Chen, P. T. (2019). The Strategy of Exopolysaccharide Production by Lactic Acid Bacteria. The 18th International Symposium on Advanced Technology. Tainan.
8. Tsai, W. Z., Lin, C. Y., Ye, H. (2019). Characteristics of Fungi and Bacteria bioaerosols in a Tourist Night Market in Tainan City. 2019 International Symposium on Novel and Sustainable Technology. Tainan.
9. Huang, C. C., Lin, C. Y., Lee, K. Y. (2019). Study on the Use of Artificial Transfection Technique in Inducing Agarwood Formation. 2019 9th Green Sustainable Biotechnology Symposium. Tainan.
10. Lin, C. Y., Huang, C. C., Lee, K. Y. (2018). Development the technique of fungal inoculation induces agarwood. 2018 International Symposium on Novel and Sustainable Technology. Tainan.
11. Lin, C. Y., Lin, H. J., Huang, C. C., Lee, K. Y. (2018). Constructing a new economy of Taiwan's Lohas Asia's fungi industry and Taiwan fungus camphoratus industry. 2018 International Symposium on Novel and Sustainable Technology. Tainan.
12. 雷高宜、張智鈞、廖奕翔、卓曄皓、林家妤* (2016年11月)。學校餐廳食品安全衛生調查。2016 中草藥在抗老化植物新藥之應用趨勢研討會暨海報競賽，臺灣，臺南。本人為通訊作者。
13. 林家妤、黃暄芝、謝宇丰、陳雅君 (2015年12月)。南部某科大學生體重控制知識、態度及行為相關因素研究。2015年健康促進國際學術研討會，臺灣，臺北。本人為第一作者、通訊作者。
14. 黃鈺涵、王志揚、吳璨亨、沈伯軒、鄭志浩、林家妤 (2015年10月)。校園餐廳食品衛生檢驗分析。2015 生技保健產品趨勢研討會暨海報競賽，臺灣，臺南。本人為通訊作者。
15. 尤立翔、楊鈞璋、林昱儒、陳冠諺、陳鵬飛、林家妤 (2014年12月)。校園餐廳食品衛生檢驗技術開發。2014 生技保健產品趨勢研討會暨海報比賽，臺灣，臺南。本人為通訊作者。
16. 林家妤、周志霖、盧範恒、李政展 (2012年12月)。大學生減重認知、態度與意向調查研究。2012年健康促進國際學術研討會，臺灣，臺北。本人為第一作者、通訊作者。
17. 王慶豪、林峻男、林繼祖、余孟翰、鄭惠安、林家妤 (2012年12月)。校園餐廳食品衛生檢驗技術開發。2012 保健產品趨勢研討會暨海報比賽，臺灣，臺南。本人為通訊作者。
18. 林家妤 (2011年11月)。南部某科技大學新生健康生活型態調查。2011 健康促進學校成果發表暨國際研討會，台北。
19. 邱嘉緯、呂芳毅、康亦熙、林家妤* (2011年11月)。校園餐廳食品微生物性危害調查研究。2011 保健產品趨勢研討會計專題海報競賽，台南。
20. 林家妤、李瑞進、洪宸達 (2009年09月)。傳統市場之生物氣膠組成研究。2009 國際氣膠科技研討會，台中。
21. 林家妤、吳嫻昀 (2006年09月)。環境中生物氣膠濃度及影響因素分析。2006 年中華民國氣膠年會暨第十三屆中華民國國際氣膠科技研討會，台南。
22. 林家妤 (2005年12月)。大專院校學生對校園菸害防制知識、行為、態度調查研究。中華民國學校衛生學會九十四年度會員大會暨學術研討會，台北。

Projects

NSTC Projects:

Year	Project Title (number)	Period

Government Projects:

Year	Project Title (number)	Period

Industry Collaboration Projects:

Year	Project Title (number)	Period

Patent

- 1.
- 2.

Professional Certificates

- 1.FSPCA-Preventive Controls Qualified Individual
- 2.Class B Technician for Occupational Safety and Health Management
- 3.MOEA Certified Food Quality Assurance Engineer-Associate Level
- 4.Certificated for Professional Health Food Engineer
5. HACCP 60A & 60B
6. Class A Dedicated Wastewater and Sewage Treatment Specialist
- 7.Class A Toxic and Concerned Chemical Substances Management Specialist
- 8.Indoor Air Quality Specialist