

國立臺灣大學第 8 屆(112 學年度)學士班學生論文獎受獎名單

113 年 6 月(依獎項及推薦學系排列)

| 序 | 獎 項  | 推薦學系 | 受獎學生 | 論文名稱(中、英文)  |
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| 1 | 傅斯年獎 | 歷史系  | 陳冠傑  | (中文)：遣使入覲：清代朝覲制度研究再析<br>(英文)：Send Envoys to Meet the Emperor: Re-analysis of Envoy Kowtow Ritual System in Qing China   |
| 2 | 傅斯年獎 | 大氣系  | 林宗勳  | (中文)：南亞夏季季風肇始過程及其與聖嬰現象的關聯<br>(英文)：Summer Monsoon Onset Process over South Asia and Its Relationship with ENSO   |
| 3 | 傅斯年獎 | 社工系  | 黃凱玟  | (中文)：阿倚的故事：臺灣中高齡智能障礙者對家庭之正向影響力個案研究<br>(英文)：Pearl in the Family: A Case Study on the Positive Impact of Taiwanese Middle-Aged Adults with Intellectual Disability on Their Families                          |
| 4 | 傅斯年獎 | 物治系  | 劉潔縈  | (中文)：具心血管危險因子之中老年人的腦齡差異值、認知功能、及腦活化間的關係<br>(英文)：Relationships between Brain-predicted Age Difference, Cognitive Function, and Brain Activation in Middle-aged and Older Adults with Cardiovascular Risks     |
| 5 | 傅斯年獎 | 材料系  | 張子恩  | (中文)：多階段固溶熱處理對不同銅添加量 AA7075 鋁合金之機械性質與顯微結構影響<br>(英文)：Effects of Multi-Stage Solid Solution Heat Treatments on the Mechanical Properties and Microstructures of Different Cu Additions AA7075 Aluminum Alloys |
| 6 | 傅斯年獎 | 農化系  | 蔡沁好  | (中文)：含花青素之纖維素-澱粉智能複合膜之開發<br>(英文)：Development of anthocyanin contained carboxymethyl cellulose/starch composite film for intelligent packaging   |

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| 7  | 校長獎 | 公衛系 | 翁咏聖 | (中文)：大麻使用與焦慮之因果關係：雙樣本孟德爾隨機化研究<br>(英文)：Causality between Cannabis Use and Anxiety: A Two-Sample Mendelian Randomization Study   |
| 8  | 校長獎 | 資工系 | 方泓傑 | (中文)：透過目標整合的表徵學習來根除通用域適應中的隱性不匹配<br>(英文)：Uprooting Implicit Misalignment in Universal Domain Adaptation by Target-Integrated Representation Learning  |
| 9  | 校長獎 | 生科系 | 黃榆婷 | (中文)：培養過程中提升藍綠菌相對豐度的處理方法<br>(英文)：Identifying treatments that increase the relative abundance of cyanobacteria during enrichment  |
| 10 | 院長獎 | 歷史系 | 郭怡君 | (中文)：天人、古今、一家：《史記·天官書》新論<br>(英文)：Heaven and Man, the Past and Present, Judgement from the Great Historian: Rethinking of the Tianguanshu in Shiji  |
| 11 | 院長獎 | 圖資系 | 陳玟寧 | (中文)：科學傳播中資安隱喻的應用研究<br>(英文)：A Study on Cyber Security Metaphors in Science Communication   |
| 12 | 院長獎 | 化學系 | 魏嶽典 | (中文)：利用單分子 FRET 技術研究 Mei5-Sae3 如何刺激 Dmcl 結合於 RPA 包覆的單股 DNA 上<br>(英文)：Using single-molecule FRET to investigate how Mei5-Sae3 stimulate Dmcl assembly on RPA-coated single-stranded DNA   |
| 13 | 院長獎 | 化學系 | 王佳晏 | (中文)：應用免疫沉澱法搭配標靶質譜技術定量分析肺癌藥物靶點突變蛋白與探討蛋白質絕對定量中之基質效應<br>(英文)：Measuring Multiplexed EGFR Mutation towards Precision Oncology by Immunoaffinity Enrichment Coupled with PRM-MS and Exploring Matrix Effects in Protein Absolute Quantification |

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| 15 | 院長獎 | 地理系        | 賴奕達 | <p>(中文)：鐵路立體化的都市縫合效果：評估程序建立與實例分析</p> <p>(英文)：Evaluating Urban Stitching Effect of Railway Grade Separation Projects: Evaluation Method and Case Study of Wanhua-Panchiao Underground Railway Project</p>   |
| 16 | 院長獎 | 地理系        | 徐志宏 | <p>(中文)：橄欖石添加對農業碳封存的影响—以蕹菜為例</p> <p>(英文)：Effects of Olivine Addition on Agricultural Carbon Sequestration: A Case Study with Water Spinach</p>   |
| 17 | 院長獎 | 政治系<br>國關組 | 鄭大邦 | <p>(中文)：分析中共外交中的「面子」論述——以裴洛西訪台為例</p> <p>(英文)：Analyzing the Discourse of “Face” in PRC Diplomacy: A Case Study of Nancy Pelosi’s Visit to Taiwan</p>  |
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| 20 | 院長獎 | 護理系                   | 梁雨晏 | (中文): 營養狀態、手握力與住院中第二型糖尿病老年患者疲倦症狀之相關性探討<br>(英文): Relationship between nutritional status, hand grip strength, and fatigue in hospitalized older adults with type 2 diabetes mellitus.                                  |
| 21 | 院長獎 | 職治系<br>(跨領域<br>心理系推薦) | 施沐典 | (中文): 臺灣兒童對同情與同理的定義、評價與經驗<br>(英文): The Definitions, Evaluations, and Experiences of Sympathy and Empathy Among Taiwanese Children   |
| 22 | 院長獎 | (心理系推薦)土木系            | 丁俊瑋 | (中文): 重分析和地面測站氣象數據: 利用數據預處理搭配深度學習進行風能預測<br>(英文): Reanalysis and Ground Station Data: Advanced Data Preprocessing in Deep Learning for Wind Power Prediction   |
| 23 | 院長獎 | 機械系                   | 藍宥麟 | (中文): 應用於多層非導磁金屬板導電率及厚度同時估測之渦電流感測系統設計分析<br>(英文): Design and Analysis of an Eddy Current Sensing System for Simultaneous Estimation of Electrical Conductivity and Thickness in Multi-Layered Non-Ferrous Metal Plates |
| 24 | 院長獎 | 工科海洋系                 | 劉宇凡 | (中文): 以優化船體線形方式改善工作船艏波噴濺現象以及阻力性能<br>(英文): Hull Form Improvement to Mitigate Bow Wave Splashing and Enhance Resistance Performance of a Work Boat  |
| 25 | 院長獎 | 農藝系                   | 陳善恩 | (中文): 使用環境 DNA 元條碼通用引子探索種內變異<br>(英文): Exploring intra-specific variability using universal primers for eDNA metabarcoding   |
| 26 | 院長獎 | 生工系                   | 陳梓焯 | (中文): 探討緩效性肥料施用對營養鹽流失量與植體生長之影響<br>(英文): Use of slow-release fertilizer as an alternative strategy to mitigate nutrient loss from farmland   |

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| 28 | 院長獎 | 資工系        | 洪國瀚 | (中文)：階層化視覺語言獎勵訊號：針對機器人長序列操作任務所開發的強化學習獎勵模型<br>(英文)：VICtoR: Learning Hierarchical Vision-Instruction Correlation Rewards for Long-horizon Manipulation Tasks  |
| 29 | 院長獎 | 生科系        | 黃廷緯 | (中文)：西南大西洋阿根廷魷性比與成熟度分析<br>(英文)：Analyses on sex ratio and sexual maturity of Argentine short-finned squid ( <i>Illex argentinus</i> ) in Southwest Atlantic  |
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