

國立清華大學工學院暨化工系五十週年系慶

研究生論文發表競賽

得獎名單

【口頭報告組】

名次	學號	學生姓名	指導教授	獎金
1	108038504	穆宣佑	黃振煌	5,000 元
	Discovery of Synergistic Effect for Triple-Negative Breast Cancer Immunotherapy Using Tumor-Microenvironment-on-Chip			
2	109032422	劉紫璇	蔡德豪	4,000 元
	Aerosol-based synthesis of CaO-Ni-CeO ₂ hybrid nanoparticle for calcium looping-integrated carbon capture and utilization			
3	108032710	Putry Yosefa Siboro	宋信文	3,000 元
	Ultrasound-Activated, Tumor-Specific In Situ Synthesis of a Chemotherapeutic Agent Using ZIF-8 Nanoreactors for Precision Cancer Therapy			
4	107032893	Nideesh Perumbalathodi	衛子健	1,000 元
	A Novel Antisolvent Treatment on Wet-processed CuSCN film for Perovskite Solar Cell			
5	107032859	Ahmed Mahmoud Elewa	周鶴修	1,000 元
	Solvent Polarity Tuning to Enhance the Crystallinity of 2D-Covalent Organic Frameworks for Visible-light-driven Hydrogen Generation			
6	107032519	涂易恆	胡啟章	1,000 元
	High Efficient Water Purification Devices for Practical Applications utilizing Microfluidic Electrochemical Deionization Technique			
佳作	107032510	鄭至捷	呂世源	
	Gold nanocrystal decorated trimetallic MOFs as high performance electrocatalysts for oxygen evolution reaction			

佳作	108032529	林韋澄	周鶴修	
	Sulfide Oxidation Tuning in 4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene Based Dual Acceptor Copolymers for Highly Efficient Photocatalytic Hydrogen Evolution			
佳作	109032507	劉康平	何榮銘	
	Vacuum Driven Orientation of Nanostructured Block Copolymer Thin Films for Nanopatterning 利用真空效應調控嵌段共聚物薄膜取向達到奈米圖案成形			
佳作	109032522	盧昱璇	劉英麟	
	以界面聚合法製備含米氏酸官能基之高分子複合薄膜應用於有機溶劑奈米過濾			
佳作	109032531	謝宜庭	何榮銘	
	Well-ordered SiO ₂ Nanonetwork as Mechanical Metamaterials from Bottom-up Approach			
佳作	109032543	關呂祐	潘詠庭	
	Highly dispersed iridium nanoparticles supported by ID WO _x , nanowires as superior OER catalyts in acidic environments			

※前三名的同學可獲本系推薦參加工學院舉辦之複賽。