

Student Oral Award List

Group 1

Order Code	Topic	Authors	Affiliation
High Distinction(特優) SOC-1-6	Activated Carbon Derived from Edible Bamboo for Electrical Double Layer Supercapacitor Application	Chen-Hui Han, Cheng-Chia Huang, Hamed Pourzolfaghar and Yuan-Yao Li*	National Chung Cheng University, Taiwan
Excellence(優選) SOC-1-4	Electrochemical Conversion of Ni(OH) ₂ Thin Film as the Catalytic Layer for Direct Growth of CNTs on Ni Foam for Supercapacitors	Sheng-Hung Kao, Chien-Kuo Hsieh*	Ming Chi University of Technology, Taiwan
Honorable Mention(佳作) SOC-1-5	The Growth of Carbon Nanotubes Using ZIF-67 Thin Films as the Catalytic Layer for Fabrication of Electrical Double Layer Capacitors	Kai-Hsiang Lo, Chien-Kuo Hsieh*	Ming Chi University of Technology, Taiwan
Honorable Mention(佳作) SOC-1-3	Carbonization of Nickel Hydroxide Nanosheet for the Improvement of Electrochemical Performance	Sen-Yuan Bai, Chien-Kuo Hsieh*	Ming Chi University of Technology, Taiwan

Group 2

Order Code	Topic	Authors	Affiliation
<p>High Distinction(特優) SOC-2-3</p>	Repurposing of Waste Ammonium Sulfate as S, N-doped Carbon Quantum Dots: a Sensitive and Selective Fluorescent Probe for the Determination of Tetracycline	Cheng-Yuan Ho, Ting-Wei Lee, Xin-Yu Li, Chiaying Chen*	National Chung Hsing University, Taiwan
<p>Excellence(優選) SOC-2-2</p>	NIR Responsive Hollow Mesoporous Carbon Carrier for Drug Release	You-Sheng Lin, Kuen-Song Lin*, Chieh-Jen Chen, Yun Ko	Yuan Ze University, Taiwan
<p>Honorable Mention(佳作) SOC-2-1</p>	A Kinetic Study on the Surface Structure of Carbon Nanomaterials and Application in New Generation of Energy-saving Tires	Yu-Ju Tai, Ning-Hui Yang, Jarm-Horng Lin*	National University of Tainan, Taiwan
<p>Honorable Mention(佳作) SOC-2-4</p>	Air-Stable Method for Producing Hydrophobic Graphene Oxide Containing Perfluoroalkylsilyl Groups	Virgilio D. Ebajo, Jr., Jui-Yang Huang, Yanita Devi, Yun-Pei Liu, Chun-Hu Chen*	National Sun Yat-sen University, Taiwan

Group 3

Order Code	Topic	Authors	Affiliation
High Distinction(特優) SOC-3-3	Water Chestnut Husks-derived Activated Carbons as Electrode Materials for Microbial Fuel Cells	Yi-Chu Lin ¹ , Chia-Chieh Hsu ¹ , Chung-Sheng Ni ¹ , Tzu-Yin Liu, ^{2*} and Han-Yi Chen ^{1*}	^{1,2} National Tsing Hua University, Taiwan,
Excellence(優選) SOC-3-6	Electrochemical Fabrication of Ni(OH) ₂ /Ni/Carbon Felt Electrodes in Water-Containing Deep Eutectic Solvent System for Water Splitting	Fen-Yan Zeng, Hong-Wen Guo, Yi-Hung Liu*	National Central University, Taiwan
Honorable Mention(佳作) SOC-3-2	Core-shell Cu ₂ O@HKUST-1 Nanoheterostructures for Visible-light Photocatalytic Hydrogen Evolution	Feng-Chen Lin and Ying-Chih Pu*	National University of Tainan, Taiwan