

時間: 11/10(日) 08:30~09:55

地點:真知教學大樓R401

Paper No.	報告時間	報告編號	論文題目	學校	發表者
0463	08:30~08:35	OC193	CO2 Adsorption by Deep Eutectic Solvent Modified ZIF-7 and Amine-Functionalized ZIF-7	國立中央大學	吳思賢
0345	08:35~08:40	OC194	Evaluation of Metal Ion Adsorption Using Mussel Protein Hydrogel on Quartz Crystal Microbalance	國立台北科技大學	陳宣婷
0700	08:40~08:45	OC195	Enhancing Self-induced Polarization of PVDF based Triboelectric film by P-doped g-C3N4 for Ultrasensitive Triboelectric Pressure Sensors	國立台灣科技大學	賈詠晴
0441	08:45~08:50	OC196	An Automatic Forcefield Parameter Generation Toolkit for Organic Semiconductors	國立清華大學	盛爾葳
0607	08:50~08:55	OC197	Development of Cu Nanowire modified Gas Exchange Membrane for Anti-biofouling Dissolved Oxygen sensor	國立台灣科技大學	李劼
0458	08:55~09:00	OC198	Using Multiscale One-dimensional Convolutional Neural Network for Raman Spectra Classification of Biomolecules	國立台灣大學	金哲綸
0490	09:00~09:05	OC199	Development of a Surface-Enhanced Raman Spectroscopy Platform for Single-Cell Detection of Cellular Secretion	國立臺灣大學	王奕惟
0152	09:05~09:10	OC200	Fabrication of Poly(4-MAANI-co-HEMA) Film onto Au Electrode for Differential Pulse Voltammetry Determination of Urinary Uric Acid	國立成功大學	鄭孝鈺
0887	09:10~09:15	OC201	A Simplified Fluorescence Method for Detecting Hydroxyl Radicals in Fenton Reaction Systems	明志科技大學	張懿文
0157	09:15~09:20	OC202	Effects of Supplemented Microalgal Biomass Properties on the Foaming Behavior of EVA Composite Materials	國立成功大學	葉芸瑄
0009	09:20~09:25	OC203	Synergistic Effect of Pd in Ni-CaO-based Dual Functional Nanomaterials for Calcium Looping-integrated Methane Bi-Reforming	國立清華大學	劉紫璇
0879	09:25~09:30	OC204	Complex Formation-regulated Calcium Disilicide Zintl Phase Deintercalation for Superior Exfoliability of Silicon Nanosheet Anode Material for Lithium-ion Batteries	National Taiwan University	Victor Jr Lau
0164	09:30~09:35	OC205	Mitigating Temperature-Driven Mass Transfer Limitations in CO2 Absorption with Solvent Intercooling for High-Capacity Solvents	國立清華大學	陳依敏
0412	09:35~09:40	OC206	Light modulation for enhanced carbon fixation and lipid production in domestic Chlorella sorokiniana	國立成功大學	洪若琦
0354	09:40~09:45	OC207	Hierarchical Reinforcement Learning for Advanced Control Strategies in Organic Rankine Cycle Systems	中原大學	Chutitthep Rochpuang
0876	09:45~09:50	OC208	Enhancing Carbon Dioxide Separation in UTSA-16/PDMS Mixed Matrix Membranes with Bi-Metal Clusters	國立成功大學	姜集婕

時間: 11/10(日) 08:30~09:55

地點:真知教學大樓R402

Paper No.	報告時間	報告編號	論文題目	學校	發表者
0895	08:30~08:35	OC209	Extending the Scope of Reagents in Inverse Vulcanization via Hydrogen Abstraction Reaction	國立清華大學	賴躍升
0730	08:35~08:40	OC210	Developing highly efficient exciplex for organic light-emitting diodes by utilizing quinoxaline	靜宜大學	楊育禱
0039	08:40~08:45	OC211	A Comprehensive Review of Decarbonization Pathways to industrial-scale Ammonia Production: Techno-Economic and Environmental Perspectives	National Cheng Kung University	HAFIZ MUHAMMAD IRFAN
0374	08:45~08:50	OC212	Plasma-Electrified Synthesis of Amino Acid-Derived Graphene Quantum Dots as Environmental Pollutants Nanosensors	國立臺灣科技大學	Shannon Wu
0657	08:50~08:55	OC213	Laser Induced Carbonization for Biodegradable Sensors	國立台灣大學	洪珮萱
0246	08:55~09:00	OC214	Development of a High-Sensitivity Flexible Resistive Pressure Sensor Using Electrospinning and Screen Printing for Biomechanical Applications	中原大學	郭聖欽
0069	09:00~09:05	OC215	Surface-Buckling-Enhanced Ag/ZnO nanorods SERS-Active Device for Organic Chemicals	國立中興大學	曾沛潔
0368	09:05~09:10	OC216	Development of an AI Prediction Model for Optimizing Screw Arrangement and Operating Conditions in Extruders	國立清華大學	黃柏勳
0008	09:10~09:15	OC217	One-Step and Additive-Free Fabrication of Highly Stretchable and Ultra-Tough Physical Polyvinyl Alcohol-Based Eutectogels for Strain Sensors	National Central University	Trung Hieu Vo
0255	09:15~09:20	OC218	Microplasma-enabled one-step synthesis of composition-controlled iron - gold nanoparticles for environmental pollutants degradation	國立臺灣科技大學	卓巧婷
0752	09:20~09:25	OC219	Improved Tetracycline Removal Using an Innovative PVDF/ δ -MnO ₂ Photocatalytic Membrane Reactor	中原大學	劉士宏
0540	09:25~09:30	OC220	Density Functional Theory Study of Amine-Functionalized ZIF-8 for Hydrogen Storage	國立中央大學	林韋妤
0100	09:30~09:35	OC221	Multi-layer Bacterial Cellulose Based Composite for Sustainable Food Packaging Materials	國立台灣大學	劉以增
0774	09:35~09:40	OC222	Plasma-engineered Plastics-derived Single-atom Catalysts for Mutiapplication	國立臺灣科技大學	Po-Tsang Huang
0462	09:40~09:45	OC223	First Principles Study of Hydrogen Storage in Transition Metal-Doped Monolayer g-C ₃ N ₄	國立中央大學	陳政揚
0689	09:45~09:50	OC224	PMMA Recycling Process by Pyrolysis Reaction with One-dimensional Entrained-bed Reactor	國立臺灣大學	華絨成

時間: 11/10(日) 08:30~09:55

地點:真知教學大樓R405A

Paper No.	報告時間	報告編號	論文題目	學校	發表者
0215	08:30~08:35	OC225	Surface Modification and Signal Amplification on Silicon Nanowire Field-effect Transistor for Cardiac Troponin I Assay	國立中央大學	邱有朋
0181	08:35~08:40	OC226	Metal-Organic Frameworks as CO ₂ Adsorbent for Enhancing Microalgal Biomass Production and CO ₂ Sequestration	國立成功大學	鄒雯惠
0905	08:40~08:45	OC227	Yeast-Mediated Synthesis of Humic-Like Substances: A Novel Biotic Approach Enhancing Aliphatic Content	國立中興大學 (NCHU)	Mahmoud Ahmed
0308	08:45~08:50	OC228	Green Solvent-Based Fabrication of Antifouling Polyvinylidene Fluoride Membranes via Vapor-Induced Phase Separation	中原大學	黃元禎
0353	08:50~08:55	OC229	Prediction of Final Properties of Ibuprofen Production Using Uneven Batch Processes	國立清華大學	黃貫哲
0732	08:55~09:00	OC230	Highly Conductive Cellulose Membrane for Moisture-Driven Energy Generation	National Taiwan University of Science and Technology	Weilvan Dwi Putra
0064	09:00~09:05	OC231	Adsorptive removal of Chromium (VI) from aqueous solution by brown seaweed-derived adsorbent	National Kaohsiung University of Science and Technology	Guruvignesh Senthilkumar
0658	09:05~09:10	OC232	Understanding the structure-packing-mobility relationship of pure hydrocarbons host materials in OLEDs	國立清華大學	林奎仲
0221	09:10~09:15	OC233	Recovery of Copper from Wastewater using Fluidized Bed Homogeneous Crystallization in Acidic Condition with Sulfide(II) as Precipitant	國立成功大學	黃崧滄
0741	09:15~09:20	OC234	Exploring dispersion of carbon nanotubes in polarity tunable conjugated block copolymer for thermoelectric thin film application	國立臺灣大學	吳維妮
0466	09:20~09:25	OC235	Green Synthesis of Structurally ordered magnetic MOFs in Mixed Matrix Membrane for O ₂ /N ₂ Gas Separation	國立中央大學	洪志維
0109	09:25~09:30	OC236	Hybrid Solvent Loop CO ₂ Capture Process for Zero-Emission Hydrogen Production	國立清華大學	張恩誠
0711	09:30~09:35	OC237	Unveiling the Effect of Alkylthio and Alkyl Side Chains on Thermoelectric Properties in Poly(thienylene vinylene)/Carbon Nanotube Nanocomposites	國立臺灣大學	蕭亦佐
0408	09:35~09:40	OC238	Enhancing CO ₂ Absorption Kinetics of 2-Amino-2-Methyl-1-Propanol Using Semi-Aqueous Solvent with Ethylene Glycol	國立清華大學	陳宇帆
0151	09:40~09:45	OC239	Passerini-type Multicomponent Polymerization with Biomass of α -Lipoic Acid for Dynamically Crosslinking 1,2-Dithiolane-functionalized Polymers	國立中興大學	黃易紳
0803	09:45~09:50	OC240	Boosting Manganese-Ion Storage Capacity of Vanadium Oxide by Ion Pre-Intercalation and Electrolyte Regulation	國立台北科技大學	李星葳