

Poster 得獎公告

海報編號	Paper NO.	Paper Title	投稿姓名	單位
SAT-PA-012	P01-0014	Phase transition study on a one-dimensional coordination polymer [FeII(2-PFBTP)2(4,4'-bpy)](ClO4)2 · 0.5 C2H5OH	Feng-Hua Ho	National Taipei University of Technology
SAT-PA-013	P01-0015	Computational study on mechanism of electrophilic halogenation on allenates/alkynoates	Yumnam Nganthoinganbi	National Taiwan Normal University
SAT-PA-030	P01-0032	Growth Mechanism of NiO Intercalated Muscovite	Bo-Sheng Chen	National Tsing Hua University
SAT-PA-042	P01-0044	Europium-containing nanocomposite double-network hydrogels for luminescence-based sensing applications	pin-han zeng	National Taiwan University
SAT-PA-059	P01-0062	Synthesis And Characterization Of Low-Coordination Late-Transition Metal Complexes	Yu Hsuan Chen	National Cheng Kung University
SAT-PA-060	P01-0063	Synthesis and Reactivity of Side-on Ni(III)-peroxo Complexes	CheWei Chen	National Cheng Kung University
SAT-PA-062	P01-0065	Activation and Functionalization of Diazene Using Dinuclear Iron Hydrogen Complex	Kuan Po Yu	National Yang Ming Chiao Tung University
SAT-PA-086	P01-0091	Structure determination from powder x-ray diffraction on 2-(2-(3-((5-(pyridin-2-yl)-1H-tetrazol-1-yl)methyl)benzyl)-2H-tetrazol-5-yl)pyridine and its related complexes	Kuan-Lin Chen	National Taipei University of Technology
SAT-PB-003	P02-0003	Electroactive membrane fusion-liposome for increased electron transfer to enhance radiodynamic therapy	Ying-Chi Chen	National Cheng Kung University
SAT-PB-004	P02-0004	The Decompositions of Fluorescent Defects and Pristine Structure in (6,5) Carbon Nanotubes Using Various Oxidants	Yen-Hsuan Lin	Academia Sinica

SAT-PB-023	P02-0025	Amyloid Fibril Formation in Myoglobin with Different Heme Binding Affinity via Optical Trapping	Yu-Tung Cheng	National Yang Ming Chiao Tung University
SAT-PB-027	P02-0029	Temperature Effect of the Criegee Intermediate Reaction with Water Vapor	Kai-Yan Chen	National Chung Cheng University
SAT-PB-038	P02-0041	Chemical kinetics of the sulfate radical (SO ₄ ⁻) upon ultraviolet photolysis of persulfate (S ₂ O ₈ ²⁻) aqueous solution	Lin Ze-min	National Tsing Hua University
SAT-PB-054	P02-0057	Spectroscopic Analysis on Temporal Changes in HEWL Concentration and Anisotropy Induced by Optical Trapping	TIEN CHEN	National Yang Ming Chiao Tung University
SAT-PC-003	P03-0003	Hybrid Polymer Dot–Magnetic Nanoparticle Based Immunoassay for Dual-Mode Multiplexed Detection of Two Mycotoxins	Yu-Han Syu	National Yang Ming Chiao Tung University
SAT-PC-006	P03-0006	A flash signal amplification approach for ultrasensitive and rapid detection of single nucleotide polymorphisms in tuberculosis	Wei-Ting Chen	National Taiwan University
SAT-PC-012	P03-0012	Determination of Homocysteine in Human Plasma with a Silver Nanopaste-based Microfluidic Device	Hsiang-Wei Chiu	Soochow University
SAT-PC-038	P03-0039	Investigating Intermediates in the Electrochemical Reduction of CO ₂ on a Cu/Pd Bimetallic Catalyst through FTIR Spectroscopy	ZiYin Huang	National Tsing Hua University
SAT-PC-054	P03-0055	A novel porphyrin-based magnetic covalent organic framework for sensitive and selective electrochemical detection of bisphenol A	Lokesh Bettada	National Chi Nan University
SAT-PC-059	P03-0060	Plasmon-enhanced fluorescence probes for selectively detecting heavy metal ions in water	JHONG-HAO LIAO	National Cheng Kung University
SAT-PC-062	P03-0063	Gallic acid-modified copper nanoclusters/silver nanoparticles for the fluorescent and colorimetric	PO WEI HUANG	National Taitung University

		dual-mode detection of streptomycin		
SAT-PD-015	P04-0016	Organocatalytic Enantioselective Diversity-oriented Construction of Complex Spiro-pyrazolone Scaffolds Bearing Multiple Stereocenters	Ganesh Shantaram Khomane	National Taiwan Normal University, Taipei
SAT-PD-017	P04-0018	3,3-Dicarbo-Functionalized Azetidine:Merging Visible Light Catalysis with Strain Release Functionalization	Chen-Kuei Shih	National Sun Yat-Sen University
SAT-PD-032	P04-0033	Visible Light-Driven Oxidative Spirolactonization of Hydroxyalkyl Furans within Confined Frameworks	Hung-Yi Chiang	National Sun Yat-sen University
SAT-PD-055	P04-0057	Development and Research of Mechanoresponsive Platinum-containing Polymer	Yi Tsung Lai	National Cheng Kung University
SAT-PD-059	P04-0061	Electrophotocatalytic Amination of Tryptophan C(sp ³)-H Bond for Its Bioconjugation	Ci-Yang Sun	Soochow University
SAT-PD-064	P04-0067	Synthesis of Bis(biaryl)bipyrazolo[1,5-a]pyridines via C-H Bond Activation as Aggregation-Induced Emission Enhancement Luminogens	Yi Hua Jiang	National Taitung University
SAT-PD-074	P04-0077	KOtBu-Mediated -Spiro-Annulation of Cyclic Vinylogous Esters with Styrene Derivatives	CHIA CHEN CHIEN	National Yang Ming Chiao Tung University
SAT-PE-003	P05-0004	From droplet formation to fibril formation: unveiling the influence of phosphorylation in liquid-liquid phase separation	Mohammadreza Allahyartorkaman	Academia Sinica
SAT-PE-013	P05-0014	Design and Characterizations of Artificial Hydrolases Using Collagen Mimetic Peptides Based Scaffolds	Yu-Shan Hsu	National Tsing Hua University

SAT-PE-028	P05-0029	Development of New Pannexin 1 Small Chemical Inhibitors	Yi-Ling Wu	National Tsing Hua University
SAT-PF-010	P06-0011	Tailoring the Performance of Lithium-Rich Layered Iron Sulfide Cathodes through Anionic Doping: A Path to Improved Cyclability and Chemical Stability	Adane Gebresilassie Hailemariam	National Yang Ming Chiao Tung University
SAT-PF-017	P06-0020	Preparation of Cs-promoted Ru catalysts on mesoporous carbon plates with varied graphitization degree for mild ammonia synthesis	Li-Yu Wang	National Tsing Hua University
SAT-PF-029	P06-0032	Photoelectrochemical Oxidation of Benzyl Alcohol to Benzaldehyde Utilizing BiVO ₄ Photoanode	Brian Kuang	National Taiwan University
SAT-PG-017	P07-0018	Metal-Free Organic Dyes with Double Auxiliary Acceptors for High-Performance Dye-Sensitized Solar Cells	Gebremariam Zebene Wubie	Academia Sinica
SAT-PG-028	P07-0029	Small-Molecule Passivation of Defect Perovskite for Photovoltaic Applications: A First-Principle Calculation Study	Yi-chen Wu	Providence University
SAT-PH-012	P08-0013	Near-infrared I/II nanophosphors with Cr ³⁺ /Ni ²⁺ energy transfer for bioimaging	Aishwarya Satpathy	National Taiwan University
SAT-PI-011	P10-0011	Chemical-vapor-deposited ZIF67 Doped with Cr and Fe for High-efficient Alkaline and Neutral Seawater Electrolysis	Jian-Jie Ma	National Yang Ming Chiao Tung University
SUN-PA-005	P01-0099	Investigation of Au-Based Nanostructures by X-Ray Ptychography	Ching-Yi Chou	National Yang Ming Chiao Tung University
SUN-PA-008	P01-0103	Strategy: A way to Strategically Optimize Water Splitting Technology to Achieve High efficiency and Exceptional Stability	Ching-Hsiang LIN	National Sun Yat-sen University
SUN-PA-012	P01-0107	Synthesis and Structural Diversity of Five Solvent-dependent Structural Isomeric MOFs of [Ni(4-bpd) ₂ (NCS) ₂] (4-bpd = 1,4-bis(4-	HSIAO-LING WANG	Soochow University

		pyridyl)-2,3-diaza-1,3-butadiene)		
SUN-PA-024	P01-0119	Control on Crystal Phases and Enhanced Surface Area of the Calcium Phosphates for the Remineralization of Dentin Tubules	Pin-Yi Wu	National Cheng Kung University
SUN-PA-040	P01-0135	Electrochemical Water Oxidation over Dinuclear Nickel Complex	Ruei-Hung Juang	National Yang Ming Chiao Tung University
SUN-PA-056	P01-0153	Synthesis and Characterization of Chiral BINAP-Carbene Metal Complexes and Their Application in Catalysis	He-Xin Xiao	Academia Sinica
SUN-PA-068	P01-0167	Design of N-heterocyclic carbenes (NHC) Ligands for Nickel Complexes, Structural Study and Catalytic Activity Investigation	chieh-yu chen	National Chung Cheng University
SUN-PA-073	P01-0172	Fe-doped CoS ₂ for the enhancement of oxygen evolution reaction	Lian-Ming Lyu	National Yang Ming Chiao Tung University
SUN-PA-082	P01-0182	Multifunctional solid-state electrolytes for electrochemical energy storage device applications with stretchability, anti-freezing and self-healing capabilities	Shan-Ping Chuang	Providence University
SUN-PB-006	P02-0070	Exploring Co-Crystallization Dynamics of L-Phenylalanine and Acetaminophen via Optical Trapping	Wen-Chi Wang	National Yang Ming Chiao Tung University
SUN-PB-012	P02-0077	Characterization of Quantum Gate Errors on IBM-Q Superconducting Devices	LI-CHAI SHIH	National Taiwan University
SUN-PB-019	P02-0084	A General Vapour-Assisted Etching Route for Preparing MXenes Heterostructure with Enhanced Photoelectrochemical Performance	Yi Chen Yu	National Cheng Kung University
SUN-PB-030	P02-0095	Probing the Self-assembly of Metal-Organic Framework by Molecular Dynamics Simulation	Shang-Wei Lin	Fu Jen Catholic University
SUN-PB-050	P02-0115	Study of Substrate Ligands Binding in Proteins	Lin Po-Chuan	National Ting Hua University

		(FucTa and B13FT)		
SUN-PC-009	P03-0077	Paper-based Plasmonic Array Enables Ultrasensitive 1064-nm SERS for Clinical Applications	LI-CHIA LU	National Tsing Hua University
SUN-PC-036	P03-0106	Easy to Engineer Flexible Nano Biosensor from Inexpensive OHP Sheet for Sweat Neuropeptide-Y Detection	Jayakrishnan Aerathupalathu Janardhanan	Academia Sinica
SUN-PC-046	P03-0116	Fluorescent bioinspired carbon dots for pH sensing and Synergistic antibacterial applications through led irradiation	SHI YU WANG	National Pingtung University of Science and Technology
SUN-PC-054	P03-0124	Sensitive detection of SARS-CoV-2 Spike Protein Using 3D Poly(3,4-ethylenedioxythiophene) Nanorods	SYED ATIF ALI	Academia Sinica
SUN-PC-056	P03-0126	Exploring Matrix Effects to Enhance Protein Absolute Quantification Performance in LC-MS: Demonstration of EGFR Mutation in Lung Cancer	Chia-Yen Wang	National Taiwan University
SUN-PC-058	P03-0128	Dual-functional nanodiamond immunosensors for in vitro diagnostics	Trong-Nghia Le	Academia Sinica
SUN-PD-014	P04-0093	Base-promoted triple cleavage of CCl ₂ Br: A direct one-pot synthesis of unsymmetrical oxalamide derivatives	Alageswaran Jayaram	Kaohsiung Medical University
SUN-PD-028	P04-0108	Synthesis of ganglioside SJG-2 glycan	YungYu Su	National Tsing Hua University
SUN-PD-034	P04-0114	Synthesis of Tn, TF and sTn Maleimide Derivative via Chemoenzymatic Method	Ching-Ching Teng	National Tsing Hua University
SUN-PD-060	P04-0142	Synthesis of a Lactyl Ether-Substituted Arabinan Fragment to Probe Anti-Lipoarabinomannan Antibody Binding	CHING-WEN HSU	Academia Sinica
SUN-PD-064	P04-0146	Stereo- and Regiocontrol in Intermolecular [2+2] Cycloadditions between Diarylketenes and Allenamides to	Akshay Suresh Kshirsagar	National Tsing Hua University

		Access Substituted α -Methylenecyclobutanones.		
SUN-PD-074	P04-0156	Pd(II)-Catalyzed [5 + 2] Cyclization of N-Triflyl Aryl Indoles and α,γ -Substituted Allenates: A Route to Indole-Fused Benzodiazepines	Ting Yen Chu	National Yang Ming Chiao Tung University
SUN-PE-009	P05-0041	Fibroblast Activation Protein Targeted Radiotracer Using [18F]-AIF Labeling Strategy for PET Imaging	Wei-Min Zhang	National Yang Ming Chiao Tung University
SUN-PE-024	P05-0056	Virtual Functional Prediction and Identification of Anti-COVID-19 Ingredients from Medicinal Fungus by BT&D2 Drug Targeting System	Shu-Han Xu	National Cheng Kung University
SUN-PF-003	P06-0040	Eco-friendly transparent silk fibroin radiative cooling film for energy-free thermal management for optoelectronics	Ching Wen Hwang	National Tsing Hua University
SUN-PF-014	P06-0051	Fabrication of 3,3'-Diaminobenzidine Polymer Modified Fe ₃ O ₄ @SiO ₂ Nanoparticles for Magnetic Isolation of Heavy Metal Ions from Contaminated Wastewater	ZongYou Huamg	Kaohsiung Medical University
SUN-PF-015	P06-0052	Controlled synthesis and characterization of β -FeOOH	SIN YU CHEN	National Chiayi University
SUN-PF-022	P06-0059	One-step synthesis of MnFe ₂ O ₄ /rGO nanocomposites by microwave hydrothermal method and their electrochemical properties in supercapacitors	Hui-Ying Tseng	National Pingtung University
SUN-PF-026	P06-0063	Synthesis of Tropone Derivatives and Their Applications in Reversible-Deactivation Radical Polymerization	Wei Huang	National Taiwan University
SUN-PG-004	P07-0038	Efficient Hydrogen Evolution Reaction Using Cu@Graphene Nanoparticles-decorated Co ₃ O ₄ Nanoneedles	YIXUAN LIN	University of Taipei

SUN-PG-007	P07-0041	Designing indeno[1,2-b]quinoxaline with 2D and 3D functional groups for application in the passivation of perovskite solar cells	Ying sheng Lin	Tunghai University
SUN-PG-010	P07-0044	From Blue To Red Emission: Arylamine-Based Wholly Aromatic Polyimides For Panchromatic Spectrum Emission	MENG-CHANG HOU	National Taiwan University
SUN-PG-014	P07-0049	Unraveling luminescent energy transfer pathways: futuristic approach of miniature shortwave infrared light-emitting diode design	Kuan-Chun Chen	National Taiwan University
SUN-PG-027	P07-0063	Interfacial Layer Materials with a Truxene Core for Dopant-Free NiOx Based Inverted Perovskite Solar Cells.	RAJARATHINAM R RAMANUJAM	Academia Sinica
SUN-PH-003	P08-0017	Highly Photoluminescent and Stable Carbon Dots as Nanoprobes for mercury ion Detection	Yi-Zhen Hung	Chung Shan Medical University
SUN-PH-008	P08-0022	Comparison Of The Application Of Silica Nanoparticles Synthesized From Different Silicon Sources In Active Packaging	Hsien-Yu Lin	National Taiwan Ocean University
SUN-PI-005	P10-0017	Study on Selective Sorption and Immobilization Process of Cs from Radioactive Wastewater Based on Natural Zeolite	QI-RUI SUN	National Central University
SUN-PI-013	P10-0025	Extraction method for carbon-containing polymers in rocks	Jing-Hung Hsu	CPC Corporation, Taiwan