

| Poster Session 1 | |
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| Posting Time: 08:00-09:00, March 7th (GMT+8) | |
| Presentation Time: 14:45-16:00, March 7th (GMT+8) | |
| Removal Time: 16:30-17:30, March 7th (GMT+8) | |
| SAT-PS1-001 P1-0001 | Morphology and Facet Effects on the Charge and Discharge Mechanisms in FeSe₂-Based Lithium-Ion Storage Chih-Hsueh Li, National Tsing Hua University |
| SAT-PS1-002 P1-0004 | Assembly of Two 3D Cu(II)-based MOFs Based on A Flexible Tripodal Thioether-based Pyridyl Ligand (L1) with Two Dicarboxylate Ligands, 1,4-Phenylenediacetate (L2) and Terephthalate (L3): Synthesis, Structural Characterization and Thermal Stability Ciou Yu Ching, 東吳大學 |
| SAT-PS1-003 P1-0005 | Synthesis, Structural Characterization, Thermal Stability and Solvent De-/Adsorption Behavior of 2D or 3D MOF Based on Tripodal Thioether-Based Pyridyl Ligand Hsin-Fang Chang, 東吳大學 |
| SAT-PS1-004 P1-0006 | Characteristic of Photophysic Behavior with Multi-Low Energy Emitting State for Phosphorescent of [Ru(bpy)₂(HDKA)]²⁺ and [Ru(bpy)₂(DKA-)]⁺ Ions in the Protic Solvent Glasses Tsunh-Lun Hsieh, 輔仁大學學校財團法人輔仁大學 |
| SAT-PS1-005 P1-0007 | Characteristics of Triplet Metal-To-Ligand Charge-Transfer Excited-State of Mono- and Diruthenium-(Polyazine) Chromophores Tzu-En Chen, 輔仁大學 |
| SAT-PS1-006 P1-0008 | Phase-Dependent Phototoxicity of MoS₂ Nanosheets in Zebrafish Embryos: Interplay Between Crystal Structure and Oxidative Stress Regulation Yu-Ren Chiou, Taipei Medical University |
| SAT-PS1-007 P1-0009 | Assembly of Two 3D Metal-Organic Frameworks Based on A Flexible Tripodal Thioether based Pyridyl Ligand and 4,4'-Sulfonyldibenzoic Acid: Structural Characterization, Thermal Stability and Gases Sorption Behavior Yu-Hsuan Hou, 東吳大學 |
| SAT-PS1-008 P1-0010 | Study on the Use of Sulfoxides as Challenging Electrophiles in Suzuki Cross-Coupling Reactions Catalyzed by Pd-NAPA Precatalyst Yi-Jie Tsai, Providence University |
| SAT-PS1-009 P1-0011 | Control of Copper Nuclearity by Metal Source and Base in a Multidentate Ligand System June Wei Ye, National Dong Hwa University |
| SAT-PS1-010 P1-0012 | Cd(II), Zn(II) and Ag(I) Coordination Polymers Constructed from Bis-pyridyl-bis-amide and Hexacarboxylic Acid: Synthesis, Structures and Luminescent Properties Chia-Li Liu, 中原大學 |

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| SAT-PS1-011 P1-0013 | Engineering CuRu/ CuRuGa Nanoframes Nanocrystals for Electrochemical Urea Synthesis Yatang Yang, NYCU |
| SAT-PS1-012 P1-0014 | Development of Low-Cost and High-Performance Al₂O₃/Fe Catalysts for Low-Temperature Ammonia Decomposition Ti-Hsuan Hsiao, National Yang Ming Chiao Tung University |
| SAT-PS1-013 P1-0015 | Step-by-Step Synthesis of Chiral Au 432 Helicoid Nanoparticles Decorated with Cu₂O for Plasmon-Enhanced Catalysis Kuan-Ho shiung, National Yang Ming Chiao tung University |
| SAT-PS1-014 P1-0016 | Facet-Engineered Hexagonal Delafossite Catalysts for Efficient CO₂ Conversion 林靖梧, 國立陽明交通大學 |
| SAT-PS1-015 P1-0017 | Synergistic Bimetallic PdAg Nanoalloy for Electrocatalytic Reduction of Nitrate to Ammonia in Neutral Solution Yu-Chi Tseng, Tunghai University |
| SAT-PS1-016 P1-0018 | Fabrication of Cu@CCC Electrocatalyst with Molecular Cage Encapsulation for Probing C–C Coupling in CO₂ and CO Electroreduction Tzu-Chiao Huang, National Yang Ming Chiao Tung University |
| SAT-PS1-017 P1-0021 | Ultrasonic Assisted Heterogeneous Catalyst Reaction Yun Pei Zeng, Refining & Manufacturing Research Institute, CPC Corporation, Taiwan |
| SAT-PS1-018 P1-0022 | Performance of Copper-Based Trimetallic Nanocrystals in Electrocatalytic Urea Synthesis Reaction Hsing Ye Chen, 國立陽明交通大學 |
| SAT-PS1-019 P1-0023 | Interfacial Promotion and Electronic Modulation in Co/MgLaO_x Catalysts for Efficient Ammonia Decomposition Ching-Yi Chou, 國立陽明交通大學 |
| SAT-PS1-020 P1-0024 | Unraveling Geometric Transformations in Chiral Au Nanostructures via SAXS: Towards Au@Pd Core-Shell Catalysts Yun-Hao Chen, National Yang Ming Chiao Tung University |
| SAT-PS1-021 P1-0025 | Mechanistic Study on the Synthesis of Nickel-Based Catalysts with Low-Temperature Reducibility in Hydrogen Yun Hsuan Tsai, National Cheng Kung University |
| SAT-PS1-022 P1-0026 | Synthesis, Structures and Properties of Divalent Coordination Polymers Based on 4,4'-oxybis[N-(pyridin-3-ylmethyl)benzamide] and Isomeric Dicarboxylate Ligands Yi-Ju Hsieh, Chung Yuan Christian University |
| SAT-PS1-023 P1-0027 | Study on In-situ Structural Change and Hydrocarbon Product Selectivity of Cu-Loaded Strontium Hydroxide Monohydrate During CO₂ Conversion 張泰駿, National Yangming Chiaotung University |
| SAT-PS1-024 P1-0028 | Multifunctional Dual-Doping Strategy Improving Halide-Based Solid-State Electrolyte Yun-Ping Chang, 國立臺灣大學 |

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| SAT-PS1-025 P1-0029 | Facet-Engineered Cu@CuAu Core–Shell Nanoparticles: Tuning CO₂ Reduction Selectivity via Temperature-Controlled Synthesis Juang Ruei Hung, National Yang Ming Chiao Tung University |
| SAT-PS1-026 P1-0030 | One-Pot Synthesis of Chiral Metallic-BINOL Hybrid Nanocatalyst Wei-Han Lee, 國立陽明交通大學 |
| SAT-PS1-027 P1-0031 | Synthesis and Characterization of Sodium Complexes Bearing ONNO-Type Schiff Base Ligands and Their Application in Ring-Opening Polymerization of L-Lactide Chi-Tien Chen, National Chung Hsing University |
| SAT-PS1-028 P1-0032 | Selective Energy Transfer via Chromium Clusters for High-Performance Blue-Excitable Shortwave Infrared Phosphors Chuan Fang Tsao, 台灣大學 |
| SAT-PS1-029 P1-0033 | Tunable Near-Infrared Emission via Crystal Field Engineering in Blue-Excitable In³⁺-Substituted MgGa₂O₄:Cr³⁺,Ni²⁺ Phosphors Yu Chieh Huang, 國立臺灣大學 |
| SAT-PS1-030 P1-0034 | Photothermal Behavior of Phase-Tuned MoS₂ Nanosheets and Their Redox-Dependent Toxicity in Zebrafish Embryos Yu-Tai Chiou, Taipei Medical University |
| SAT-PS1-031 P1-0035 | Design and Synthesis of Through-Space Charge-Transfer TADF Molecules Based on Triptycene Bridge Ya-Hsuan Lin, 國立清華大學 |
| SAT-PS1-032 P1-0036 | Zr⁴⁺ Doped Li₃InCl₆ Solid Electrolyte via Supersaturated-Driven Coprecipitation Strategy for Application in Solid-State Lithium Batteries 嚴浩瑄, 中央研究院 |
| SAT-PS1-033 P1-0037 | Multiple-Step Ionic Coordination Enables Robust Zr–MOC/Alginate Composite Hydrogels with Antibacterial Functionality Tai-Lin Wu, National Taiwan University |
| SAT-PS1-034 P1-0038 | Comparative Studies of Flame-Retardant Properties for Polyurethane/MOFs Composites Prepared by Different Dispersion Methods Yao-ting Huang, 天主教輔仁大學 |
| SAT-PS1-035 P1-0039 | Effect of Carboxylate Auxiliary Coligands in Dicobalt Benzimidazole-Derived Complexes on Copolymerization Carbon Dioxide with Epoxide Liao Jhih Ling, 中興大學 |
| SAT-PS1-036 P1-0040 | Ambiphilic Chiral Aluminum Cations as Catalysts for Enantioselective Phospha-Michael Additions Wan-Chi Liao, National Taiwan University |
| SAT-PS1-037 P1-0041 | Copolymerization of Carbon Dioxide and Propylene Oxide Mediated by Novel Heterobimetallic Cobalt(III)/Silver(I) Complexes Zheng-Han Lai, National Taiwan University |
| SAT-PS1-038 P1-0042 | Novel Copper–Sulfur Hydrogen-Bonded Organic Frameworks for Fluorescence Sensing Shun Yi Chang, 輔仁大學 |

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| SAT-PS1-039 P1-0043 | Tuning Electronic Structure and Iron–Ligand Covalency in Dimeric DNICs through Ligand Variation: Insights from X-ray Absorption and Emission Spectroscopies Sen Hung Hsieh, National Tsing Hua University |
| SAT-PS1-040 P1-0044 | Preparation and Fire Safety Applications of Polyurethane/Calcium-Based Metal–Organic Framework Composites Chun-Yi Pao, Fu Jen Catholic University |
| SAT-PS1-041 P1-0045 | Electrochemical Nitrogen Reduction on Cobalt Phosphide in Plasma Electrolytic Oxidation–Treated Electrolyte Under N₂ Flow Hsuan-Chia HuanG, National Taipei University of Technology |
| SAT-PS1-042 P1-0046 | Reaction Mechanism of Electrochemical Nitrate Reduction to Ammonia on CoP in Neutral and Alkaline Media Revealed by in Situ NAP-XPS and Operando Raman Spectroscopy Yi-Kai Kuo, National Taipei University of Technology |
| SAT-PS1-043 P1-0047 | C-H Activation by Dinuclear Copper-Oxygen Species Supported by Unsymmetrical β-Diketiminato Ligands Tzu-Hsien Yang, Kaohsiung Medical University |
| SAT-PS1-044 P1-0048 | The Ring-Opening Polymerization Mechanism of ϵ-Caprolactone Catalyzed by AlMe₂(OR)-Ti Complex Fan-Yi Lee, National Central University |
| SAT-PS1-045 P1-0049 | Structural Characterization and Thermal Stability of Two Microporous Supramolecular Architectures Based on 1,2-bis(4-pyridyl)disulfide (dpds) and 1,2,4,5-benzenetetracarboxylic acid (H₄BT) Kai Chu Cheng, Soochow University |
| SAT-PS1-046 P1-0050 | Structural Characterization and Thermal Stability of Two Solvent-dependent Cu(II) Metal-Organic Frameworks Based on 1,2-bis(4-pyridyl)disulfide (dpds) and 5-Nitroisophthalic acid (nipa) Si-Tung Yeh, Soochow University |
| SAT-PS1-047 P1-0051 | Cobalt(II) Complex Supported by Deprotonated 1,10-Phenanthroline-2,9-Dione Ligands: Resonance-Assisted Charge Delocalization and Magnetic Anisotropy Yu-Hsuan Liu, Fu Jen Catholic University |
| SAT-PS1-048 P1-0053 | Exploring C–H Activation by Nickel–Oxyl Species Sihong Chen, Kaohsiung Medical University |
| SAT-PS1-049 P1-0054 | Copper Nitrite Reduction by Thiols: Mechanistic Insights into NO Release en route to Copper Thiolate Cluster Formation Naorem James Meitei, Kaohsiung Medical University |
| SAT-PS1-050 P1-0055 | Supersaturation-Driven Coprecipitation of Li₃InCl₆ Solid-State Electrolytes for All-Solid-State Lithium Batteries Josanelle Angela Villanueva Bilo, Research Center for Applied Sciences |
| SAT-PS1-051 P1-0056 | The Self-Assembly of Co(II)-Based Two-Dimensional Coordination Polymers from 5-Aminopyrimidine: Syntheses, Crystal Structures, and Properties Shu Hao Liu, 東海大學 |

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| SAT-PS1-052 P1-0058 | Oxygen-Mediated Orbital Tuning in Metal Oxides: Ca/Se/Zn-Doped CuO as a Model System Pulikkutty Subramanian, National Taiwan University |
| SAT-PS1-053 P1-0059 | Ni-Co-Fe-Cr Metal Oxides for Electrochemical Oxygen Evolution Reaction Yu-Qi Zhang, National Taipei University of Technology |
| SAT-PS1-054 P1-0060 | Structural and Electrochemical Performance of Electrospun MnFe₂O₄/Graphene Oxide Nanofiber Composites for Supercapacitor Applications. Chia-Ying Yeh, National Pingtung University |
| SAT-PS1-055 P1-0061 | Synthesis and Structural Characterization of a Novel Copper-Based Metal–Organic Framework and Poly(1,4-butanedioic methylene) with Carbon Capture Potential Chih Ling Chang, Fu Jen Catholic University |
| SAT-PS1-056 P1-0062 | pH-Modulated DNA Interaction of Ru(II)-Acylthiourea Complexes: The Critical Role of Bidentate Coordination in Anticancer Efficacy Rong-Chang Zhang, National Chiayi University |
| SAT-PS1-057 P1-0063 | Modulating Anticancer Potency and DNA Binding of Ru(II)-p-Cymene Acylthiourea Complexes via Coordination Mode and Auxiliary Ligands Shu En De, Kaohsiung Medical University, Kaohsiung, Taiwan. |
| SAT-PS1-058 P1-0064 | Theory-Guided Development of All-Solid-State Lithium Batteries with Dual-Solid State Electrolytes Hong-Yi Chao, National Taiwan University of Science and Technology |
| SAT-PS1-059 P1-0065 | Flame Retardant Properties of Poly(o-methoxyaniline)/(Cu–S)_n MOF Composite Coating Chi Wen Chen, 天主教輔仁大學 |
| SAT-PS1-060 P1-0066 | Preparation of Polyaniline/Lanthanide-MOF Composites as Flame Retardancy Lichen Chen, 天主教輔仁大學 |
| SAT-PS1-061 P1-0067 | Corrosion Resistance of Ti₃C₂ MXene/PANI Nanocomposite Materials Meng Ting Chang, 天主教輔仁大學 |
| SAT-PS1-062 P1-0068 | Group 13 Halide Complexes of Tris(7-azaindoly)borate Mei-Ling Lin, National Taiwan University |
| SAT-PS1-063 P1-0069 | Facile synthesis to Cyclic(Alkyl)(Amino)Olefins (CAAOs) Zheng-Zhe Tsai, National Sun Yat-sen University |
| SAT-PS1-064 P1-0070 | Pyrrolidin-2-iminato Phosphines: Ligand Design Incorporating Anagostic Metal–C–H Interactions Hsun-Chieh Pai, National Sun Yat-sen University |
| SAT-PS1-065 P1-0071 | Energy-transfer-engineered broadband NIR luminescence in Ca₁₀Li(PO₄)₇:Cr³⁺,Yb³⁺ phosphate phosphors Si-Yin Liu, Taipei University of Technology |
| SAT-PS1-066 P1-0072 | Regulating the Structure Transformation and Broadband Near-Infrared Luminescence Properties of Cr and Ni Codoped Double Perovskite Phosphors by B-Site Cation Substitution Yi-Han Chen, National Taipei University of Technology |

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| SAT-PS1-067 P1-0073 | Cobalt(II) Amide Catalyzed Cycloaddition Reaction Huanyuan Chen, National Sun Yat-sen University |
| SAT-PS1-068 P1-0075 | In Situ Synthesis and Potential Applications of Aromatic Metal Rings Using Mesoionic Carbenes Ting-Yu Yang, National Sun Yat-sen University |
| SAT-PS1-069 P1-0077 | Investigation of Cu–Ni Bimetallic Catalysts for Electrochemical CO₂ Reduction Reaction Yu-Shan Jhang Jian, National Taiwan Normal University |
| SAT-PS1-070 P1-0078 | Design and Synthesis of tZlPr-Based NHCPalladium Complexes as Catalysts for Suzuki-Miyaura Cross-Coupling Reaction Chen-Yu Hong, 靜宜大學 |
| SAT-PS1-071 P1-0079 | Porphyrin-NHC Self-Assembled Monolayers on Gold for Heterogenous Electrochemical CO₂ Reduction Nishat Khan, Kaoshiung Medical University |
| SAT-PS1-072 P1-0080 | Mechanochemical Suzuki–Miyaura Cross-Coupling Reactions Under Low Catalyst Loading of Pd-NAPA Pei Yu Tien, 靜宜大學 |
| SAT-PS1-073 P1-0081 | Efficient Hydrosilylation of Ketones Catalyzed by an Fe(II) Complex Bearing a Flexible NNN Ligand Chen-An Tai, National Central University |
| SAT-PS1-074 P1-0082 | Catalytic Copolymerization of Dihydrocoumarin with Epoxides by Effective Novel Chromium Complexes GuanLin Liu, 國立中興大學 |
| SAT-PS1-075 P1-0083 | Synthesis and Characterization of a series of Ni Complexes Bearing a Flexible NNN Ligand Shu-Chi Liao, National Central University |
| SAT-PS1-076 P1-0084 | Photoinduced NO Release from a {MnNO}⁶ Complex Driven by S–S Antibonding Orbital Population: A DFT Mechanistic Study Shu-Ting Lin, National Chung Hsing University |
| SAT-PS1-077 P1-0085 | The Reduction of Phosphate to PH₃ in a Single Step Zhu Di Lee, 國立台灣大學 |
| SAT-PS1-078 P1-0087 | A Porous 3D Co(II) Molecular Magnet with Single-Crystal-to-Single-Crystal Solvent Exchange I Chien Chao, Tunghai University |
| SAT-PS1-079 P1-0088 | Structures and Magnetic Properties of Two-Dimensional Halide-Bridged Copper(II) Coordination Polymers Fangyi Li, 東海大學 |
| SAT-PS1-080 P1-0089 | Development of Sterically Demanding N-Heterocyclic Carbene Ligand Yu-Wei Chao, 中山大學 |
| SAT-PS1-081 P1-0090 | Microwave-Assisted Hydrothermal Synthesis of MnFe₂O₄/rGO Nanocomposites for Highly Efficient Malachite Green Adsorption Yu-Hsuan Chiou, 國立屏東大學 |

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| SAT-PS1-082 P1-0091 | Electro-Corona Enhancement of Hydrophobic Silver Nanostars Catalysts for Industrial Electrocatalytic CO₂ Reduction to CO Fangyu Lin, 陽明交通大學 |
| SAT-PS1-083 P1-0092 | Characteristics of the Phosphorescent Ru-(1,2-bis(dimethylphosphino)ethane)(2,2'-bipyridine) Chromophore: Intrinsic Nuclear-Charge Term in Spin-Orbit Coupling Formalism Jyun-Kai Yang, 輔仁大學 |
| SAT-PS1-084 P1-0093 | Investigation of the Electrochemical CO₂ Reduction Performance of Rhenium Complexes Containing a Hexabenzocoronene-Based Bipyridine Ligand Sin Yi Chou, 高雄醫學大學 |
| SAT-PS1-085 P1-0094 | Unexpected Rebound in iron(IV)-oxo Ethylene-Bridged Dialkylcyclam Species [FeIV(O)(EBC-1Me-1py)]₂₊ During C-H Activation Yu-Jie Tsai, 國立高雄師範大學 |
| SAT-PS1-086 P1-0095 | Bis(oxazoline)-Coordinated Group 13 and 14 Complexes Yen-Jung Cheng, National Taiwan University |
| SAT-PS1-087 P1-0097 | Crystal-Field Modulation of Fe₃₊-Activated Near-Infrared Emission in Sr₉Sc(PO₄)₇ Phosphor for NIR Sensing Jun-Yan Lai, National Taipei University of Technology |
| SAT-PS1-088 P1-0098 | Shape Induced Lattice Anisotropy and Facet-Dependent Piezocatalysis in Cubic Phase SnS Nanocrystals Satyaranjan Jena, National Tsinghua University |
| SAT-PS1-089 P1-0099 | Design and Synthesis of Sodium Amino-Boryloxy Complexes for Ring-Opening Polymerization of ε-Caprolactone Yo-Hsin Shih, 靜宜大學 |
| SAT-PS1-090 P1-0100 | Solvent-Directed Synthesis of CuO/CuS Heterostructures for Efficient Oxygen Evolution Reaction in Alkaline Media Chai-Hsuan Tsai, 高雄大學 |
| SAT-PS1-091 P1-0101 | Design and Fabrication of Cubic Cu₂O-M (M=Fe, Co, Ni) Core-Shell Electrocatalysts for Enhanced Oxygen Evolution in Alkaline Conditions Yung-Pin Chuang, 國立高雄大學 |
| SAT-PS1-092 P1-0102 | Solvent Controlled Zinc-Organic Frameworks: Synthesis, Structures, Properties and Gas Adsorption Bo-Xiang Chen, National Chi Nan University |
| SAT-PS1-093 P1-0103 | Lewis Acid-Promoted Transformation of a Mn(III)-Superoxo Complex: From O-O Bond Cleavage to Formation of a Reactive Mn-O-Sc Species Lin XinYi, 國立台灣師範大學 |
| SAT-PS1-094 P1-0104 | Characterization of Co(III)-Superoxo and -Hydroperoxo Species: Crystallographic Evidence and Reactivity Tun-Yu Chang, 國立台灣師範大學 |
| SAT-PS1-095 P1-0105 | Studies on Alkyne Insertion Reactions Mediated by PNP-Supported Nickel Hydride Complexes Zhao-Ming Weng, 國立中山大學 |

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| SAT-PS1-096 P1-0106 | New Quaternary Chalcogenides with Layered Intergrowth Structures Yu-En Jheng, 國立陽明交通大學 |
| SAT-PS1-097 P1-0107 | Photodynamic Therapy with Novel Cyclometallated Ir(III) Complexes Bearing [1,2,3]Triazolo[1,5-a]Pyridine-Benzothiazole Ancillary Ligand Xun-Rong Wang, National Chung Cheng University |
| SAT-PS1-098 P1-0108 | Uncovering Collective Spin Correlations in Mn²⁺-Doped (CdSe)₁₃ Nanoclusters through Synchrotron and Neutron Probes Nagaraju Narayanam, National Taiwan Normal University (NTNU) |
| SAT-PS1-099 P1-0109 | Synthesis and Structural Characterization of Bimetallic Indium–Lanthanide Complexes Kai-Yun Hsu, National Taiwan University |
| SAT-PS1-100 P1-0110 | Thermal In-Situ Nitrogen Doping of Mesoporous Graphene-Oxide/Zeolite Carbon Interfaces for Stable Electrochemical Sensing Poonam Kumari, National Taiwan Normal University |
| SAT-PS1-101 P1-0111 | A QAIM Analysis of Solvent Effects and Intermolecular Interactions on Some Spin Crossover Fe(II) Complexes Jia Yu Lin, 國立臺北科技大學 |
| SAT-PS1-102 P1-0113 | Time-Resolved Pathway of Beta Zeolite Seeds Governs Growth of Mesoporous Zeolite Nanoparticles Pei-Ying Liu, National Taiwan Normal University |
| SAT-PS1-103 P1-0114 | A SALDI Microarray Platform for Drug Analysis Based on Photothermal Dual-Semiconductor Matrices CHUNG-Chih TANG, National Taiwan Normal University |
| SAT-PS1-104 P1-0115 | Synthesis of Ligand for Donor–Acceptor Type Zn-Salophen Complex with Broadband Absorption and Redox Activity Jun Jiang Ting, 靜宜大學 |
| SAT-PS1-105 P1-0116 | Structure and Local Environment of Fe³⁺-Doped Double Perovskites Revealed by Synchrotron XRD and XAS Yu-Te Lee, Academia sinica |
| SAT-PS1-106 P1-0117 | Pd(II)-NAPA Catalyzed Alcohol Oxidation: Electronic and Halide Effects Across Mechanochemical and Solution-Phase Systems LyuHan Lan, National Chung Hsing University |
| SAT-PS1-107 P1-0118 | Influence of Aryl and Alkyl Substituents on the Coordination Behavior of β-Thiokeoiminate Nickel Complexes Ya-Chun Lee, Kaohsiung Medical University |
| SAT-PS1-108 P1-0119 | Spectroscopic Trapping and Electronic Structure Characterization of an Elusive Ferric Intermediate in a Non-Heme Iron Enzyme via Second-Sphere Modulation Yu Jie Wang, National Taiwan Normal University |
| SAT-PS1-109 P1-0120 | The Synthesis of BiOBr_{1-X}CIX Photocatalyst for the Enhanced Visible-Light Photocatalytic Reduction Yu-siang Ye, National university of Kaohsiung |

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| SAT-PS1-110 P1-0121 | Supersaturation-Driven Co-Precipitation Enables Scalable Wet-Chemical Synthesis of High-Purity Halide-Based Solid Electrolyte (Na₃InCl₆) with Atmospheric-Dependent In Situ Analysis for Sodium-Ion Batteries Saddam Shoukat Ali Shaikh, Academia Sinica/ National Tsing-Hua University |
| SAT-PS1-111 P1-0122 | Ceramic Framework Design Strategies for Oxide-Based Solid Electrolytes in All-Solid-State Lithium Batteries Jing-Cheng Lin, Ming Chi University of Technology |
| SAT-PS1-112 P1-0123 | Boosting Li⁺ Conductivity in Sulfide-based Argyrodite Solid Electrolytes via Cation Substitution Thai-Hong Truong, National Taiwan University of Science and Technology |
| SAT-PS1-113 P1-0124 | Energy-Driven Transformation of Confined Mesoporous Films toward SERS and Electrochemical Remediation Platforms Ying-Tong Kuo, National Taiwan Normal University |
| SAT-PS1-114 P1-0125 | Redox-Flexible Spinel HEO Catalysts for Efficient Hydrogen Production from Oxidative Steam Reforming of Ethanol (OSRE) I-Han Tseng, National Yang Ming Chiao Tung University |
| SAT-PS1-115 P1-0126 | Interface Engineering Strategies for Hybrid Solid Electrolytes in Lithium Metal Batteries Chih-Hung Lu, Ming Chi University of Technology |
| SAT-PS1-116 P1-0127 | Development of Aromatics-modulated CuO_x@MWCNT Composite Catalysts for Electrochemical CO₂ Reduction Reaction (CO₂RR) to Methanol Hao-Yuan Cheng, Academia Sinica |
| SAT-PS1-117 P1-0128 | Synthesis and Characterization of Lanthanide Binuclear Metal String Complexes I Chen Yeh, National Taiwan University |
| SAT-PS1-118 P1-0129 | Dual-Active NiO/La₂Zr_{1.8}Ru_{0.2}O₇ (LZRO) Catalysts for Oxidative Steam Reforming of Ethanol (OSRE) Yu-Xiang Xu, 國立陽明交通大學 |
| SAT-PS1-119 P1-0130 | The Study of Saddled Deformation and Electronic Effects on the Oxidation Mechanism of Iron(III) Porphyrins Li-Zhen Yang, National Chung Hsing University |
| SAT-PS1-120 P1-0131 | Coordination Control of O–O bond Cleavage in TPAFe(III) Complexes by 2,2,5-trimethyl- and 5-methyl-3,4-dihydro-2H-pyrrole 1-oxide Push Ligands for Selective Oxidation Chia-Hao Chen, 國立中興大學 |
| SAT-PS1-121 P1-0132 | Structural Characterization and Thermal Stability of Two Co(II) Based Supramolecular Architectures Based on 1,3,5-tris(4-pyridylsulfanylmethyl)-2,4,6-trimethylbenzene (tpsmb) and 1,2-pdaH₂, 1,3-pdaH₂ Ligands Shih Yuan Chen, Soochow University |
| SAT-PS1-122 P1-0133 | Structural Diversity of Four Zn(II) Metal-Organic Frameworks (MOFs) constructed by 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene (4-bpd) and 5-R-isophthalic acid (5-R-ipaH₂) Yung Ting Chuang, Soochow University |

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| SAT-PS1-123 P1-0134 | Synthesis and Characterization of a Series of Cobalt Complexes Supported by Phosphine Yi-Jie Tsai, National Central University |
| SAT-PS1-124 P1-0135 | Synergistic Electronic Modulation of CoOOH via Phosphate and Iron Co-decoration for Accelerated Oxygen Evolution Reaction Tien Thi Thuy Dang, National Taipei University of Technology |
| SAT-PS1-125 P1-0136 | Reactivity in Di-iron P₄ Complexes: From Intramolecular Activation to Functionalization Hao-Yuan Lan, National Yang Ming Chiao Tung University |
| SAT-PS1-126 P1-0137 | Morphology-Controlled NiCoFe Phosphosulfide Nanocages Derived from ZIF-67 Enable Enhanced Alkaline OER Wan-Tien Huang, National Taiwan University |
| SAT-PS1-127 P1-0138 | Application of Sn(IV) Complexes of porphyrins in Electrochemical CO₂ Reduction FengYi Chen, 國立彰化師範大學 |
| SAT-PS1-128 P1-0139 | Hydrothermal Synthesis and Structural Characterization of a Copper(II)-Phosphonate Coordination Polymer Liwu Hu, 國立暨南國際大學 |
| SAT-PS1-129 P1-0140 | Chloroborinium as a Synthron for Arylboriniums via Bora-Friedel-Crafts Reactions Bo-An Chen, National Taiwan University |
| SAT-PS1-130 P1-0141 | Effect of Lanthanide Contraction on the Coordination Behaviors and Structures of Lanthanide Metal-Organic Frameworks Chinhung Chou, 國立暨南國際大學 |
| SAT-PS1-131 P1-0142 | Structural Diversity and Interpenetration of Four Solvent-Dependent 3D Zn(II) Metal-Organic Frameworks (MOFs) constructed by 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene (4-bpd) and Terephthalic acid, disodium salt (Na₂bdc) Ying Shan Chen, Soochow University |
| SAT-PS1-132 P1-0143 | Homogeneous Electrochemical CO₂ Reduction Catalyzed by Pincer-type Nickel Complexes with N,S-Donor Ligands Lee Yi-Ching, National Sun Yat-sen University |
| SAT-PS1-133 P1-0144 | Copper-Mediated Nitrite Reduction by Thiols: Kinetic Evidence for Direct Metal-to-Substrate Electron Transfer en Route to Cluster Formation. Guo Ge Qiu, 高雄醫學大學 |
| SAT-PS1-134 P1-0145 | Modulating Auxiliary Ligands to Investigate Anticancer Activity of Ru(II)-p-Cymene Complexes Kai Di Jhou, 高雄醫學大學 |
| SAT-PS1-135 P1-0146 | Synthesis, Reactivity, and Bioinspired Activity Insights of Nickel(II) Complexes Bearing Unsymmetrical β-Diketimate Ligand Rui-Xuan Jou, 高雄醫學大學 |
| SAT-PS1-136 P1-0147 | Synthesis and Characterization of Nickel Complexes Bearing Unsymmetrical β-Diketimate Ligand Pei Hsuan Hsin, 高雄醫學大學 |

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| SAT-PS1-137 P1-0148 | Geometric Control of Cu(I) Cluster Assembly via Aryl-Bridged Bis(β-Thioketiminato) Ligands Tsung En Wang, 高雄醫學大學 |
| SAT-PS1-138 P1-0150 | Characteristics of Ru-bpy Chromophores and DFT Modeling : Effects of Ligand Substitution on Photophysical Properties Chih-Hsiang Yang, 天主教輔仁大學 |
| SAT-PS1-139 P1-0151 | Structural Characteristic of A 3D Cd(II) Metal-Organic Framework (MOF) Based on 1,3,5-tris(4-pyridylsulfanylmethyl)-2,4,6-trimethylbenzene (tpsmb) and 2-Hydroxyterephthalic acid Shu-Tsen Liu, Soochow University |
| SAT-PS1-140 P1-0152 | Structural Characterization and Water Vapor Isotherms of three 3D M(II) (M = Cu, Zn and Cd) MOF Constructed by 1,3,5-tris(4-pyridylsulfanylmethyl)-2,4,6-trimethylbenzene (tpsmb) and Oxalate (C₂O₄²⁻) Ligands I-Chen Tang, Soochow University |
| SAT-PS1-141 P1-0153 | Design and Synthesis of C_{3v}-Symmetric Metal Complexes for Biomimetic Nitric Oxide Release Hsin Hua Wang, 高雄醫學大學 |
| SAT-PS1-142 P1-0154 | Diiron Hydride Complexes Stabilized by Bis-Cyclopentadienyl Ligands: Synthesis and Characterization Wei-Chen Fu, National Yang Ming Chiao Tung University |
| SAT-PS1-143 P1-0155 | Unraveling Multi-electron Redox Mechanisms and Structure-property Relationships in Quinone-based 1D Coordination Polymers Trakarn Yimtrakarn, National cheng kung university |
| SAT-PS1-144 P1-0156 | Diruthenium Hydride Complexes Stabilized by Bis-Cyclopentadienyl Ligands: Synthesis, Characterization, and Reactivity Po-Sen Huang, National Yang Ming Chiao Tung university |
| SAT-PS1-145 P1-0157 | Solvent Composition Guided Polymorphous of Zinc Coordination Polymers Chiao Hui Chen, 國立暨南國際大學 |
| SAT-PS1-146 P1-0158 | Kinetic and Mechanistic Investigation of Methanol-Promoted Thioacetalization of Benzaldehyde with 1,3-Propanedithiol Bo-Chun Lin, 國立中正大學化學暨生物化學所 |
| SAT-PS1-147 P1-0159 | Tailoring Water-Soluble NHC-Modified Multimetallic Nanocubes : From Synthesis to Catalytic Performance Yan Zhen Su, Kaohsiung Medical University |
| SAT-PS1-148 P1-0160 | Development Of Inorganic Layer Nanomaterials Hybridized With Solvent-based Silicone Resin Chong Xuan Liao, 中原大學 |
| SAT-PS1-149 P1-0161 | A Diary In My Research Journey Structural Insights and Catalytic Potential of Pyridine-2,6-Dicarboxamide-Based Copper and Cobalt Complexes In Electrochemical CO₂ Conversion Tsung-Yuan Wu, 國立中山大學 |

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| SAT-PS1-150 P1-0162 | A Grand Family of SnSe-related Homologous Series with Unique Sb–Sb Bonding in M–Sb–Se Systems (M = Ge/Sn/Pb) Guan-Ruei Chen, National Synchrotron Radiation Research Center |
| SAT-PS1-151 P1-0163 | Synthesis of Hierarchical Ag@SiO₂@TiO₂ core-shell Nanoparticles for Enhanced Visible-Light Photocatalysis Jiun Wei Wu, National University of Kaohsiung |
| SAT-PS1-152 P1-0164 | Pathway-Controlled Diversity-Oriented Synthesis Based on Dynamic Imine Scaffolds Hsin-Hua Chang, National Dong Hwa University |
| SAT-PS1-153 P1-0165 | Development and Application of Hole-Transport Layers Based on spiro[fluorene-9,9'-xanthene] for Perovskite Solar Cells Xin-Yi Zhao, Chung Yuan Christian University (CYCU) |
| SAT-PS1-154 P1-0166 | Visible-Light-Driven Photoreduction of CO₂ to Formate Using Pyridine-2,6-Dicarboxamide-Based Copper Catalysts Kun-Lin Wu, 國立中山大學 |
| SAT-PS1-155 P1-0167 | Facet-Dependent Lattice Variations in Shape-Controlled SrTiO₃ Nanocrystals Revealed by High-resolution powder X-ray Diffraction Bo-Hao Chen, National Synchrotron Radiation Research Center |
| SAT-PS1-156 P1-0168 | Anion-Templated Silver Clusters Protected by Heteroligands Hung-Ching Wu, 東華大學 |
| SAT-PS1-157 P1-0169 | Investigation of Phenothiazine derivatives as Hole Transport Materials for Perovskite solar cells YiChen Lai, 中原大學 |
| SAT-PS1-158 P1-0170 | Design and Synthesis of Bicarbazole-Based Hole-Transporting Materials for High-Performance Perovskite Solar Cells LI Ping Jung, Chung Yuan Christian University |
| SAT-PS1-159 P1-0171 | Integrating AI-Assisted Phase Prediction with Real Space Methods for the Structure Determination of Selected Fe(II) Complex from Powder Diffraction Data Tsai-Ying Hu, National Taipei University of Technology |
| SAT-PS1-160 P1-0172 | Exploring the Emergence of Fluorescence Signals in Zn Complexes and Their Impact on Bond Length Changes Shiao-Yu Wu, NTUT |
| SAT-PS1-161 P1-0173 | Unsymmetric Bis-NHC for Precision-Controlled Directed Synthesis of Heterobimetallic Nanoparticles Yu Ting Hsu, Kaohsiung Medical University |
| SAT-PS1-162 P1-0176 | Development of Bipolar Composite Solid-State Batteries via 3d Printing Assistance Yu-An Tu, Ming Chi University of Technology |
| SAT-PS1-163 P1-0177 | Direct Synthesis and X-ray Diffraction Characterization of Dianionic Dithiophosphonates Minchi Li, National Dong Hwa University |

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| SAT-PS1-164 P1-0178 | Chiral Dithiophosphonate Ligands, Complexes and Clusters: Synthesis, Structure and Photophysical Properties Yi Cing Chen, National Dong Hwa University |
| SAT-PS1-165 P1-0179 | Monovalent Cobalt (III) Catalyst Film with High Corrosion Resistance Enabling Stable Alkaline Seawater Electrolysis Mariel Gonzales Tecson, National Sun Yat-sen University |
| SAT-PS1-166 P1-0180 | Synthesis of Nano-Sized Aluminum Hydroxide via Carbonation and Urea Homogeneous Precipitation: Structural Control and Their Catalytic Effects on Aluminum-Water Hydrogen Production Yu Ling Peng, Chung Yuan Christian University |
| SAT-PS1-167 P1-0181 | Liquid-Confined Redox Kinetics Stabilize Distorted Mn³⁺ Octahedral Yanita Devi, 國立中山大學 |
| SAT-PS1-168 P4-0001 | Synthesis of Porphyrin Based Metal Organic Frameworks and Their Optical Properties Yi-Han Deng, 國立中興大學 |
| SAT-PS1-169 P4-0003 | Applications and Performance Enhancement of Polymer Adhesives in TPU-Coated Lamination Systems Jia Hao Liu, Industrial Technology Research Institute |
| SAT-PS1-170 P4-0004 | Efficient Synthesis of Structurally Diverse Analogues of Ganglioside Hp-s1 with Anti-Neuroinflammatory Activity Yu-wen Peng, 中原大學 |
| SAT-PS1-171 P4-0006 | 1.Expanding the Scope of azabicyclo[1,1,0]butane via Ring Strain Release Strategy 2. Investing the Effect of Structural Modification on the Performance of Polysulfide Material in Ni(II) Adsorption Song-Ting Chen, National Sun Yat-sen University |
| SAT-PS1-172 P4-0007 | Using Porphyrin-based as Organic Mixed Ionic-Electronic Conductors Tsai Ping-Yo, 國立中興大學 |
| SAT-PS1-173 P4-0008 | A Novel Schiff Base-Based AIE Luminogens for Selective Detection of Copper and Iron Ions Chen Yi-Syuan, National Kaohsiung University of Science and Technology |
| SAT-PS1-174 P4-0009 | Electrochemical Umpolung Enabled by the Reduction of Strained Azabicyclobutane toward Selective C–C Bond Formation Chih-Ju Chou, 中山大學 |
| SAT-PS1-175 P4-0011 | Site-Selective Control of Sialylation by Chemoenzymatic Method and Protecting Group Modulation Strategy Yu-Tong Lin, National Tsing Hua University |
| SAT-PS1-176 P4-0012 | Benzotriazole-Modified Waterborne Polyurethanes for Durable UV Protection: Design and Performance Tzu Mien Hsu, National Taipei University of Technology |
| SAT-PS1-177 P4-0013 | Direct Access to Apically Aryl-Substituted Tribenzotriquinacenes via a Novel Four-Step Route through Benzofulvene Chun Yu Chen, National Yang Ming Chiao Tung University |

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| SAT-PS1-178 P4-0014 | Pd(II)-Catalyzed C(sp²)-H Alkenylation of 2-Amino Biaryls with Bulky Internal Alkynes: From Alkenylation to Orthogonal Polycyclic Hydrocarbons Guganchandar vedarethinam, National Yang Ming Chiao Tung University |
| SAT-PS1-179 P4-0015 | Catalyst-Controlled Regiodivergent Synthesis of Chiral Spiro-Indane-1,3-diones and Their Post-Synthetic Friedel-Crafts Functionalization Yu-En Chang, 國立中興大學 |
| SAT-PS1-180 P4-0016 | Rapid Construction of spiro-1,3-indanediones with Six Stereocenters via Organocatalytic Cascade Reaction Synthesis of 1,3-indanedione and vinyl-1,2-dione Yu-Kai Hsu, 國立中興大學 |
| SAT-PS1-181 P4-0017 | Substrate-Controlled Divergent Cascade Reactions of 3-Alkylidene Oxindoles and Indane-1,3-diones Lin-En Zeng, 中興大學 |
| SAT-PS1-182 P4-0018 | Incorporating Heavy Atom Effect onto Molecular Rotors for Realizing Exceptionally Photocatalytic Oxidation Reaction Under Low-Temperature Conditions Barbara Zenabu Anibea, Fu Jen Catholic University |
| SAT-PS1-183 P4-0019 | DIH-Catalyzed Vinylsulfonation via Halogen Bonding Activation of Sulfonyl Iodides for Late-Stage Functionalization MingHsuan Tsai, 輔仁大學 |
| SAT-PS1-184 P4-0020 | Photochromism and Fluorescence Switching Induced by a Polymorphic Transition in Pentiptycene-N-Salicylidene Crystals Po-Jui Chiang, 國立台灣大學 |
| SAT-PS1-185 P4-0021 | Synthesis of 1,4,5,6-tetrahydropyridazine Derivatives via Tandem Annulation of Coumarin Hydrazones and Bench-Stable Allenyl Sulfonium Salt Dhinakaran Murali Mohan, Fu Jen Catholic University |
| SAT-PS1-186 P4-0022 | Synthesis of Amphiphilic P(PEGMA-b-PCL) Block Copolymers via RAFT Polymerization and Their Thermosensitive Self-assembly Cheng En Wu, National Chung Hsing University |
| SAT-PS1-187 P4-0023 | Solvent-Controlled Chemoselective [2+3] and [4+3] Cycloaddition of α-Bromohydroxamates and 2,3-Dioxopyrrolidines Chueh-Chien Liu, 國立中興大學 |
| SAT-PS1-188 P4-0024 | Stimuli-responsive Properties of the Crystals of Pentiptycene-Acylhydrazone Derivatives Hsueh Chien Uang, National Taiwan University |
| SAT-PS1-189 P4-0025 | Phase-Dependent Photochromic Luminescence in a Pentiptycene-based Homoleptic Gold(I)-Thiolate Cluster Che-An Cheng, National Taiwan Univeristy |
| SAT-PS1-190 P4-0026 | Synthesis of Tetracyclopenta-Fused [5]Helicene via Non-oxidative Photocyclization of Bis-Bromo Substituted Stiff-Stilbenes Jie-Ru Yang, National Taiwan University |
| SAT-PS1-191 | Applications of Pyridinium Ylides Toward Heterocyclic Synthesis |

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| P4-0027 | Wen Hsuan Lin, Fu Jen Catholic University |
| SAT-PS1-192 P4-0028 | Design of Fluorescent Probes Using Human Serum Albumin as a Carrier for Applications in Drug Competition Huai-Ling Yang, Fu Jen Catholic University |
| SAT-PS1-193 P4-0029 | N-Boryl Pyridyl Radical-Mediated Reductive Homocoupling of Arylsulfonyl Chlorides to Diaryl Disulfides Yuan Kai Cheng, National Taiwan University |
| SAT-PS1-194 P4-0030 | Functionalization of Tetraphenyl Fulvene for preparation of 2D-π-2A Chromophores Exhibiting Solvatochromism Carmine Coluccini, China Medical University |
| SAT-PS1-195 P4-0031 | Rh(III)-Catalyzed Regioselective [4+2] Annulation of 2-Benzyl-2H-indazole-6-carboxylic Acids with Ynamides to Access Indazole-Fused Pyrans Hung-Sheng Hsieh, National Yang Ming Chiao Tung University |
| SAT-PS1-196 P4-0032 | A Red-Responsive BODIPY Photocage: Evaluation of Release Mechanism and Imaging Applications Che-Yu Liu, 高雄醫學大學 |
| SAT-PS1-197 P4-0033 | Hole-Transporting Materials based on Oligo(hetero)aryls with a Terpyridine Moiety – Pd-Free New Synthetic Route via Cu-Catalyzed Direct C-H/C-I Coupling Meng-De Wu, 國立中央大學 |
| SAT-PS1-198 P4-0034 | Hole-Transport Materials with a S,X-Heteroacene Core -Synthetic Study and Application in Inverted Perovskite Solar Cells Chu Han Hsu, 國立中央大學 |
| SAT-PS1-199 P4-0035 | Structural Engineering of Pentiptycene-Azobenzene Crystals for Tunable Elasticity and Photomechanical Behavior Yen-Chen Lee, National Taiwan University |
| SAT-PS1-200 P4-0037 | Modification and Application of Carbon Fixation Materials Chih Yung Tsai, cpc |
| SAT-PS1-201 P4-0038 | Chemical Study of Eunicellin-Type Diterpenoids from the Soft Coral Cladiella sp. Ya-Lun Cai, 國立屏東大學 |
| SAT-PS1-202 P4-0040 | Functionalization of Hollow Shaped Molecular Units for Coordination of Drug Molecules and Their Release in Human Cells Bharath Sagar Reddy Nallagari, China Medical University, Taichung |
| SAT-PS1-203 P4-0041 | Removeable Template Synthesis of Pyridine-containing Molecular Carbon Nanorings Wen-Hui Chen, 國立中山大學 |
| SAT-PS1-204 P4-0042 | Development of a Modular Oxazinanone Synthesis Using Boc₂O as a Carbon Source Xsingyi Lee, National Chung Hsing University |
| SAT-PS1-205 P4-0043 | Preparation of Polypropylene-graft-poly(methyl methacrylate) copolymer Using Ziegler-Natta Copolymerization and Analysis of Their Physical Properties. Chein-Wei Yeh, Chung Yuan Christian University |
| SAT-PS1-206 | Chemical Synthesis of Resveratrol-Based Probes for Protein Assay |

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| P4-0044 | Chin-Tse Feng, 國立中山大學 |
| SAT-PS1-207 P4-0045 | Mixed Ionic-Electronic Transport in a Perylenediimide Small-Molecule Semiconductor Pei Zhen Yu, 中興大學 |
| SAT-PS1-208 P4-0046 | Substract Scope Study of Aminoethanol-Promoted Amidation at Unactivated Esters 琚祝, 中山大學 |
| SAT-PS1-209 P4-0047 | Synthesis of multi-Substituted Bicyclo[2.2.2]oct-2-ene Derivatives as Potential Benzene Isosteres Yong-Jin Jheng, National Taiwan University |
| SAT-PS1-210 P4-0048 | Iodine-Catalyzed Synthesis of 5-(Hydroxymethyl)-oxazolidin-2-ones Huang Yueh Ling, Chung Hsing University |
| SAT-PS1-211 P4-0049 | Drug-Conjugated Ovalbumin as a Delivery Strategy for Hepatocellular Carcinoma Cells Hou Hsiao-Ying, National Chung Cheng University |
| SAT-PS1-212 P4-0050 | Mild and Metal-Free Synthesis of Cyclic Carbonates Using Boc₂O as an in Situ CO₂ Surrogate Yu-Jin Huang, Chung hsing university |
| SAT-PS1-213 P4-0052 | Chemoenzymatic Synthesis of Tn-associated Antigens for Development of Antibody and Glycan Microarray Min-Cheng Chien, 國立清華大學 |
| SAT-PS1-214 P4-0053 | Organocatalytic [3+3] Annulation: Asymmetric Access to Spiropyrazolone-Fused Tetrahydroxanthone Ganesh Shantaram Khomane, National Taiwan Normal University, Taipei |
| SAT-PS1-215 P4-0054 | Synthesis and Characterization of 3,5-dimethyl-4-hydroxyphenylpentazole(HPP) Sheng-Kai Kang, National Taipei University of Technology |
| SAT-PS1-216 P4-0055 | Allenyl Sulfonium Salts : the synthesis of Heterocyclic compound via [5+2]/[2+1] Annulation Reaction Han Hsing Huang, Fu Jen Catholic University |
| SAT-PS1-217 P4-0057 | Synthesis of Steroid-Conjugated Peptides as Potential Therapeutics for Alzheimer's Disease Yu-Yu Chang, National Chia-Yi University |
| SAT-PS1-218 P4-0058 | Total Synthesis of Cumbiasins Ke-Hong Chen, 國家衛生研究院 |
| SAT-PS1-219 P4-0059 | Organoselenium-Catalyzed Spirocyclization of Indolyl-Ynones Tzu-Lun Yen, National Chiayi University |
| SAT-PS1-220 P4-0060 | Tailored Imidazole-Derivative-Tethered BODIPY Photocages via Meso and 2,6-Modifications for Enhanced Photorelease and Biothiol Detection Yen Jou Lee, 高雄醫學大學 |
| SAT-PS1-221 P4-0061 | Base-Promoted [3+2] and [3+3] Annulative Construction of Isolamellarin Scaffolds Tung-Yu Wu, 東海大學 (Tunghai university) |

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| SAT-PS1-222 P4-0062 | Activation of Gem-Dichloroacetamides and Epoxides Using Elemental Sulfur and Amines: A Route to Monothiooxalamides and α-Ketothioamides Alageswaran Jayaram, Kaohsiung Medical University |
| SAT-PS1-223 P4-0063 | AIE-Driven Mechanochromic and Dual Metal/pH Sensing in Pyrene–Pyrimidine Systems Anjali Joshi, Kaohsiung Medical University |
| SAT-PS1-224 P4-0065 | Base-Induced Alkylative Cyclization of γ- and Aryl-Substituted Isoindolin-1-ones to Tricyclic Isoindolones Siang-Ying Chen, 國立高雄師範大學 |
| SAT-PS1-225 P4-0066 | Synthesis of Quinoline and Pyranocoumarin/chromane-fused Heterocycles and Their Potential Thermochromic Properties Ajit Ganpat Khade, 東海大學 (Tunghai university) |
| SAT-PS1-226 P4-0067 | Development and Application of a Photomechanochemical Deprotection Strategy for One-Pot Sialylation Yu-An Liu, National Chung Cheng University |
| SAT-PS1-227 P4-0068 | Synthesis Of Aci/8e-Aci And Controllable Stereoselective Sialylation Under Mechanochemistry Jiue-Wei Wang, National Chung Cheng University |
| SAT-PS1-228 P4-0069 | Synthesis of mFML derivatives: Targeting the KRAS G12D Protein for Pancreatic Cancer Therapy Yu-Jun Wan, National Chung Cheng University |
| SAT-PS1-229 P4-0070 | Photochemical Synthesis of 6H-Chromeno[3,4-b]quinoxalin-6-ones Pin-Hui Lin, 東海大學 (Tunghai university) |
| SAT-PS1-230 P4-0071 | Syntheses and Studies of Controllable Loosened/Tightened Macrocyclic Dual [2]Rotaxanes Containing Vibration Induced Emissive DPAC-Based Bis-Crown Ethers Chia-Yun Wu, National Yang Ming Chiao Tung University |
| SAT-PS1-231 P4-0072 | Synthesis and Application of 2-Substituted 5-hydroxymethyl pyrrolidine via Late-Stage Activation of Tricyclic Lactones Yu-Ting Lian, 嘉義大學 |
| SAT-PS1-232 P4-0073 | A Grignard-Based, Acid-Free Protocol for Enamine Formation and Subsequent Reduction to α-Secondary Amines Chia-Hui Chen, National Kaohsiung Normal University |
| SAT-PS1-233 P4-0074 | Total Synthesis of (\pm)-Crokonoid A via Acyl Radical Rearrangement Chang-Hui Chen, 國家衛生研究院 |
| SAT-PS1-234 P4-0075 | Development of Coumarin-Based Chemosensors Array for the Discrimination of Trace Elements Meng-Tien Li, Fu Jen Catholic University |
| SAT-PS1-235 P4-0076 | Strain-Release-Driven Photoinduced Functionalization of Azabicyclo[1.1.0]butanes to Access Structurally Diverse Azetidines Tzu-Yao Hsu, National Sun Yat-sen University |

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| SAT-PS1-236 P4-0077 | Imidazole-Based Hydrogels with Photoresponsive Color Change and Enhanced Mechanical Strength Heng Shi Chen, 中原大學 |
| SAT-PS1-237 P4-0078 | Visible Light-Mediated Cascade Radical Addition/Cyclization of N-Acrylamides: Silylation via Dual Photoredox/HAT Catalysis Hsin Yu Pan, National Chi Nan University |
| SAT-PS1-238 P4-0079 | Visible-Light-Driven Access to Benzo[c]coumarins and a Stable Cy-clohexene-Fused Intermediate as a Robust Photocage Shuo-Hsiang Hsu, 中山醫學大學 |
| SAT-PS1-239 P4-0080 | Asymmetric Synthesis of 3-Indolyl Dihydroquinolines via (4+2) cycloaddition/aza-Micheal Addition of Aryl Sulfonyl Indole Derivatives and Malononitriles Huan-Chieh Huang, 國立臺灣師範大學 |
| SAT-PS1-240 P4-0081 | Phosphine- and Base-Mediated Reactions of Alkynoates with 3-Homoacyl Coumarins: Diversity-Oriented Synthesis of 1,5-Addition products and 2-Pyrone Derivatives Tzu-I Lin, 國立臺灣師範大學 |
| SAT-PS1-241 P4-0082 | Synthesis of Heteroarene-annulated δ-lactones using 1,3-Dicarbonyl-2-arylidene Precursors Chia-Yang Peng, 台灣師範大學 |
| SAT-PS1-242 P4-0083 | Organocatalyzed Desymmetric Spiro-cyclization of Enal-Tethered 2,5-Cyclohexadienone with Thiazolone: Access Spiro-Fused Scaffolds Wei-Chi Wu, 國立臺灣師範大學 |
| SAT-PS1-243 P4-0084 | Exploring the Michael Addition and Umpolung Addition of Ethyl 2-butynoate with 3-Homoacyl Coumarins Enabled by Phosphine Reagent and Acid Additive Tzu Yueh Ting, NTNU |
| SAT-PS1-244 P4-0085 | Phosphine-Mediated Synthesis of Conjugated Triene Carboxylates Naveen Jothimani, National Taiwan Normal University |
| SAT-PS1-245 P4-0086 | Phosphine-Catalyzed Annulation Reactions of MBH-adducts and Cyclohexane-1,3-dione: Synthesis of Oxepine and Spiro-Derivatives Durga Prasad Gurram, National Taiwan Normal University |
| SAT-PS1-246 P4-0087 | Synthesis of 4-(3-Indolyl) Tetrahydroquinolines via (4+2) Annulation by ortho-Aminophenyl Sulfonyl Indole Derivative Pei-Shan Wu, National Taiwan Normal University |
| SAT-PS1-247 P4-0088 | Synthesis of Heterobiaryls via [4+2] Annulation by Sulfonyl Indole Derivatives and 2-arylidene-1,3-indandiones Yueh-Hsun Kuo, National Taiwan Normal University |
| SAT-PS1-248 P4-0089 | The [4+3] Cycloaddition of Novel Sulfonyl Derivatives with N-(Benzyloxy)-2-bromoacetamide for the Synthesis of Cyclohexenone and Oxazaazepinone Derivatives Yi-Yun Hung, National Taiwan Normal University |
| SAT-PS1-249 P4-0090 | Design and Synthesis of Pyrazolo[1,5-a]pyridine-Based Fluorescent Sensors for Selective Metal-Ion Detection |

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| | Meng-Yu Chan, National Taitung University |
| SAT-PS1-250 P4-0091 | Palladium-Catalyzed ortho C–H Activation/Aroylation of 7-Arylpyrazolo[1,5-a]pyridines: Synthesis of 2-Benzophenone- Substituted Pyrazolo[1,5-a]pyridines Ching Cheng Chuang, National Taitung University |
| SAT-PS1-251 P4-0092 | 7NHAc₃VPQ: A Water-Compatible Quinoline Ratiometric Fluorescent Probe for Rapid Esterase Activity Readout Yi-Jhen Jow, Chung-Shan Medical University |
| SAT-PS1-252 P4-0093 | Phosphine-Catalyzed [4 + 4] and [3 + 2] Double Annulation of Indole N-alkynamides with Ynones: Direct Synthesis of Fused-Eight and Spiro-Five Membered Pyrroloquinolinones Raghunath Walunj, National Taiwan Normal University |
| SAT-PS1-253 P4-0095 | Synthesis and Structure-Activity Relationship Study of 5,5'-Methylenedisalicylic acid (MDSA) analogues as Malic Enzyme 2 (ME₂) Inhibitors Yu Ching Chien, National Health Research Institutes |
| SAT-PS1-254 P4-0096 | Tuning Oxidative Cyclodehydrogenation toward Partially and Fully Fused Nanographenes Jun-Shen Lu, Kaohsiung Medical University |
| SAT-PS1-255 P4-0097 | A Dinitrophenylsulfonate-Caged Quinolinium Fluorophore for Selective Turn-On Detection of Hydrogen Sulfide Wei Zhang, Chung Shan Medical University |
| SAT-PS1-256 P4-0098 | A Dicyanochromene-Based Fluorogenic Probe for Fluorescent Sensing of Hydrogen Sulfide Yi-tyng Chang, 中山醫學大學 |
| SAT-PS1-257 P4-0099 | Optimization of Troponoid-Mediated Radical Polymerization via Substituent Effects Ruo Syuan Wang, National Taiwan University |
| SAT-PS1-258 P4-0100 | NIS/I₂-Promoted Intramolecular Iodolactonization of Aryl-Substituted Alkenoic Acids to Form γ-Lactones 蘇緯騰, National University of Kaohsiung |
| SAT-PS1-259 P4-0101 | Electrochemical Reduction of Phosphine Oxides Enables Sustainable Phosphine-Catalysis for the Synthesis of Heterocycles and Alkenes Weifang Liao, National Taiwan Normal University |
| SAT-PS1-260 P4-0102 | Synthesis and Development of Di-Stereocenters Kinase Inhibitors Sheng-Kuo Lin, 國家衛生研究院 |
| SAT-PS1-261 P4-0103 | Lactonization–Aromatization Tandems and Aromatization-Based Approaches toward Aromatic Compounds 周承寬, National University of Kaohsiung |
| SAT-PS1-262 P4-0107 | Using Bay-Region-Substituted Diquinoline Derivatives as Molecular Balances to Evaluate the Effect of Fluorination on π–π Stacking Interactions Yin-Ju Lu, National Taipei University of Technology |
| SAT-PS1-263 P4-0108 | Synthesis of Dicyano-Substituted Chlorins and Bacteriochlorins for Application as Hole-Transport Materials and Passivators in Perovskite Solar Cells |

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| | Yan-Xun Li, 國立中興大學 |
| SAT-PS1-264 P4-0109 | I₂/K₂S₂O₈-mediated Annulation of CF₃-ynones and 2-amino Pyridines for the Synthesis of phenyl(2-(trifluoromethyl)imidazo[1,2-a]pyridin-3-yl)methanone Derivatives Vijay Thavasianandam Seenivasan, Kaohsiung Medical University |
| SAT-PS1-265 P4-0110 | Synthesis of Chlorido(5,10,15,20-tetraphenylporphyrinato)iron(III) Bearing a BINOL-amide Substituent Jin-Guo Wu, 國立中興大學 |
| SAT-PS1-266 P4-0111 | Decoding the Multi-Dimensional Complexity of Glycosylation Reaction via Machine Learning Fizza Sabbor, Academia Sinica |
| SAT-PS1-267 P4-0112 | Correlating Reactivity and Stereoselectivity of Disaccharide Donors in Glycosylation Reactions Sefunmi Peace Akinseye, Academia Sinica |
| SAT-PS1-268 P4-0113 | Synthesis of Fluorinated ONO-Type Pincer Ligands and Their Copper(II) Complexes Chen-Ying Lee, National Taipei University of Technology |
| SAT-PS1-269 P4-0114 | Design and Synthesis of Novel Malic Enzyme 2 Inhibitors for Acute Myeloid Leukemia Therapy Shiun-An Yang, 國家衛生研究院 |
| SAT-PS1-270 P4-0115 | Visible Light Photoredox-Catalyzed Difunctionalization of Electron-Deficient Alkenes with Tert-Butyl Nitrite: Oxocarboxylic Acid as an Acyl Source Tamilselvan Duraisamy, National University of Kaohsiung |
| SAT-PS1-271 P4-0116 | Development of New PSMA-Targeted PET Imaging Probe via a Novel 2-Cyanopyrimidinothiazole (CPIT)/1,2-Aminothiol Click Reaction Karthik Kalidass, National Dong Hwa university |
| SAT-PS1-272 P4-0117 | Selectivity Prediction of Post-Transition-State Bifurcation Controlled Nucleophilic Attack on α-Bromoacetophenones Wan Chi Hong, 靜宜大學 |
| SAT-PS1-273 P4-0118 | Mild and Metal-Free Conversion of Ether-Derived Epoxides into Cyclic Carbonates via In Situ tert-Butyl Carbonate Generation from Boc₂O Meng Hsia Tsai, 國立中興大學 |
| SAT-PS1-274 P4-0119 | Optical Switching Controls of Photoluminescence behaviors in DPAC-Based Macrocyclic and Polymeric Systems via Diarylethene Photoisomerizations Yi-Ni Jhang, 國立陽明交通大學 |
| SAT-PS1-275 P4-0120 | Applicability of Emulsifier Raw Materials from PET Chemical Recycling Guan-Yu Chen, CPC Corporation Refining & Manufacturing Research Institute |
| SAT-PS1-276 P4-0121 | Synthesis and Characterization of Carbazolephanediene Molecules and Their Linear Polymers with Aggregation Induced Emission and Photoisomerization Characteristics Pei Ju Chen, National Taiwan University of Science and Technology |

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| SAT-PS1-277 P4-0122 | Study on the Bioactive Compounds from Streptomyces Albogriseolus, A Symbiotic Bacterium of the Sponge Lendenfeldia Species YunTing Zeng, 國立中山大學 |
| SAT-PS1-278 P4-0123 | Sarcoglaucone A, A Novel Sarsolenane-Related Diterpenoid from the Soft Coral Sarcophyton Glaucum Yuewen Chuang, National Sun Yat-sen University |
| SAT-PS1-279 P4-0124 | Mechanochemistry-Enabled Selective Amide N–C Bond Cleavage and [3,3]-Sigmatropic Rearrangement Chetan Naik Sugali, Kaohsiung Medical University |
| SAT-PS1-280 P4-0125 | Metal-Free Chemoselective Amide Bond Cleavage for the Synthesis of N-Acyl Sulfoximines in Batch and Flow Nian-Qi Chen, 高雄醫學大學 |
| SAT-PS1-281 P4-0126 | Stress-Induced Modulation of Bioactive Secondary Metabolites in Briareum Stechei Chih Kai Hsu, 國立中山大學 |
| SAT-PS1-282 P4-0127 | Tandem Ultrasound and Integrated Continuous-Flow Strategy for the Sustainable Synthesis of Polyfluorinated Pyrimido[1,2 a]benzimidazoles Jia-Yang Shao, Kaohsiung Medical University |
| SAT-PS1-283 P4-0128 | Photoenolization of α,β-Unsaturated Esters Enables Enantioselective Contra-Thermodynamic Positional Isomerization to α-Tertiary β,γ-Alkenyl Esters Hung-Hsuan Chiu, National Sun Yat-sen University |
| SAT-PS1-284 P4-0129 | CB₄-Mediated Metal-Free Sulfonamide Synthesis: A Comparative Study under Batch, Ultrasonic, and Continuous-Flow Conditions YuChen Lin, 高雄醫學大學 |
| SAT-PS1-285 P4-0130 | First Total Synthesis of Tamaractam Through Cascade Radical 1,4-Aryl Migration Yu-Tong Huang, Fu Jen Catholic University |
| SAT-PS1-286 P4-0131 | Monosulfonated Histidine Bifunctional Tag-Aided Chemical Synthesis of N-terminally Tagged insulin Chun-Jui Chang, NCKU |
| SAT-PS1-287 P4-0132 | Palladium-Catalyzed Aminoazidation of Homoallylic Azides toward Vicinal 1,2-Diamines Peilin Hsu, National Kaohsiung Normal University |
| SAT-PS1-288 P4-0133 | Fluorine-Substituted D–A'–π–A Structured Organic Dyes for Photocatalytic Water Splitting Yu-Tong Hung, 東海大學 |
| SAT-PS1-289 P4-0134 | Phenothiazine-based A-D-A Photocatalysts for Hydrogen Evolution YuHsuan Lin, Tunghai University |
| SAT-PS1-290 P4-0135 | Modification and Application of Carbon Fixation Materials Chih Yung Tsai, cpc |
| SAT-PS1-291 P4-0136 | Strain-Release Diversification of 1-Azabicyclobutanes via Bromide/Nickel Relay Catalyzed 1,3-Bis-Carbofunctionalization Yi-Hua Lee, National Sun Yat-sen University |

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| SAT-PS1-292 P4-0137 | Rh(III)-Catalyzed [4+2] Annulation of Imidazoles with α-Diazocarbonyl Compounds: Direct Access to π-Conjugated Imidazole-fused Isoquinolinone Huy Duc Le, National Yang Ming Chiao Tung University |
| SAT-PS1-293 P4-0138 | Polar-functional-group-decorated Metal-Organic and Covalent Organic Frameworks for CO₂ and Hydrocarbon Separations Rajeshkumar Anbazhagan, National Cheng Kung University |
| SAT-PS1-294 P4-0139 | A Unified Synthetic Strategy for Aromatic Heterocyclic-Fused Decalins via Bicyclo[2.2.2]octenone Intermediates Yu-Chen Hung, 財團法人國家衛生研究院 |
| SAT-PS1-295 P4-0140 | Terpenoids from the Soft Coral Lobophytum crassum YiSyuan LEE, National Sun Yat-sen University |
| SAT-PS1-296 P4-0146 | Application of Silver Ions Sensors in Solid-State Thin Film Detection Systems Jia-Jhan Wu, Chinese Culture University |
| SAT-PS1-297 P4-0147 | Photo-Responsive Polymorphic Carboxamide-Based Molecules for Information Encryption Chin-Han Lee, Academia Sinica |
| SAT-PS1-298 P4-0148 | A Modular Microfluidic Platform for the Rapid Bottom-Up Synthesis of Block Copolymers Reynaldo Carlos Kuizon Montalbo, Academia Sinica |
| SAT-PS1-299 P4-0149 | Perfluoroalkyl Chain Influence on Photophysical Properties and Molecular Packing of Fluorophores Shirisha Chettukindhi, National Dong Hwa University |
| SAT-PS1-300 P4-0150 | m-DFDNB-Mediated Thiol and Amine Macrocyclization Enabling Mono- and Multicyclic Peptide Formation Min-Sheng Chang, 國立成功大學 |
| SAT-PS1-301 P4-0151 | Discovery of DYRK1A inhibitors as a Potential Treatment of Alzheimer's Disease via Suppression of Tau Protein Phosphorylation Yu-Xiang Zhang-Jian, 國家衛生研究院 |
| SAT-PS1-302 P4-0152 | Multi-Amino Triarylamines for Electrochromic and Electrofluorochromic Applications with Exceptional Stability and Extraordinary Fluorescence Modulation Ming-Hui Kang, National Taiwan University |
| SAT-PS1-303 P5-0001 | Advanced SWATH-MS for Comprehensive Profiling and Retrospective Adulteration Analysis in Salvia Miltiorrhiza Yi-Feng Zheng, Institute of Molecular Biology |
| SAT-PS1-304 P5-0002 | Bacterial ESCRT-III Protein-mediated Membrane Architecture: Effects of pH, Lipid Charge, and Calcium Samuel Herianto, Academia Sinica and National Taiwan University |
| SAT-PS1-305 P5-0003 | Design and Synthesis of Near-Infrared Fluorescent Probes Using Human Serum Albumin as a Carrier Yu-Cing Wu, Fu Jen Catholic University |

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| SAT-PS1-306 P5-0004 | Metabolites Profiles of Coffee Leaves as Predictors of Chlorogenic Acid in Coffee Beans Using Advanced Integrating Full Scan and Data-Dependent Acquisition (IFSDDA) Chao-Yu Chen, National Chung Hsing University |
| SAT-PS1-307 P5-0005 | Evaluation of the Anticancer Effects of Novel Curcumin Derivatives on Triple-Negative Breast Cancer Cells Nien-Yun Chuang, Tamkang University |
| SAT-PS1-308 P5-0006 | Isolation and Dechlorination Characterization of a trans-DCE-Preferential Dehalococcoides mccartyi Strain Harboring Candidate RDase Genes Outside Known Orthologous Groups Shiori Nakamura, National Central University |
| SAT-PS1-309 P5-0007 | Chemical Separation, Characterization, and Quality Control Establishment of Bioactive Constituents from Anisomeles indica and Their Potential for Osteoarthritis (OA) Applications Jun-Ming Mai, National Taitung University |
| SAT-PS1-310 P5-0008 | Impact of Ionized Species on Antioxidant Enhancement in Fabaceae Plants Amrita Harikumar Vijayakumari, COIMBATORE INDIA |
| SAT-PS1-311 P5-0009 | Understanding the Sequence Determinants of NRPS Thioesterase Function Ya-Rong Chen, National Taiwan University |
| SAT-PS1-312 P5-0010 | Design of α-Helical Peptides as Artificial Hydrolases and Peroxidases Guan-Ting Chen, 國立清華大學 |
| SAT-PS1-313 P5-0011 | Design of Double-stranded and Cyclic Collagen Peptides for Detecting and Refolding Denatured Collagen Ching-Tung Hsu, 國立清華大學 |
| SAT-PS1-314 P5-0012 | Lu-177 Radiotherapy with Upconversion Nanoparticles Targeting c-MET Pathway in Head and Neck Squamous Cell Carcinoma Kai-Hung Lin, National Yang Ming Chiao Tung University, Taipei 112, Taiwan. |
| SAT-PS1-315 P5-0013 | Drug Efficacy Assessment of pH-Responsive ManBC60@G5Dox in MDA-MB-231 Cell Line YI-Cheng Wang, 國立中興大學 |
| SAT-PS1-316 P5-0014 | Using an Environmentally Sensitive Fluorescence Probe to Monitor Structural Dynamics of FUS Protein Condensates Chang-Shun Tsai, 中央研究院 |
| SAT-PS1-317 P5-0015 | Fluorescent Nanodiamonds Enable High-performance Cortisol Immunoassays Yun-Shan Yeh, Academia Sinica |
| SAT-PS1-318 P5-0016 | Chemoenzymatic Synthesis of Maleimide-Functionalized Lewis Antigens Hao-En Sun, National Tsing Hua University |
| SAT-PS1-319 P5-0017 | Preparation and Derivatization of the N-Glycan Core Pentasaccharide Yi-Tien Tsai, National Tsing Hua University |
| SAT-PS1-320 P5-0018 | Theranostic FePt@CuS Nanoplatform Integrating Photothermal, Photodynamic and Chemodynamic Therapy with MRI Imaging for Enhanced Anticancer Efficacy Chi-Ying Lin, 國立陽明交通大學 |

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| SAT-PS1-321 P5-0019 | Covalent and Oriented Antibody Immobilization via Glycan Engineering Ke-Hong Lyu, National Tsing Hua University |
| SAT-PS1-322 P5-0020 | Development of Anti-Biological Adhesion Polymer Coatings with Long-Term Anti-Coagulation Efficacy Tsung-Tao Huang, National Center for Instrumentation Research, National Institutes of Applied Research |
| SAT-PS1-323 P5-0021 | Investigating Soluble Protein Tags for Calcitonin Aggregation Inhibition Po-Chun Cheng, National Taiwan Normal University |
| SAT-PS1-324 P5-0022 | Thermoresponsive Dual-Functional Gelatin Hydrogels for Inhibition of Human Calcitonin Amyloid Formation Yun-Hsuan Chen, National Taiwan Normal University |
| SAT-PS1-325 P5-0024 | A Microfluidic Loop-Mediated Isothermal Amplification-on-a-chip Platform with App-assisted Colorimetric Interpretation for On-site Pathogen Detection Yu-Fei Huang, National Taiwan Normal University |
| SAT-PS1-326 P5-0025 | Carbon nanodots cross-linked enzyme of γ-glutamyltranspeptidase from <i>Bacillus licheniformis</i> : An Efficient and Stable Biocatalyst Yu-Huei Lin, 國立嘉義大學 |
| SAT-PS1-327 P5-0026 | ACE2-expressing Membrane-camouflaged Copper Nanoparticle For Decoying and Killing SARS-CoV-2 Pooja Aich, Kaohsiung Medical University |
| SAT-PS1-328 P5-0027 | Proteomic Analysis of Naturally Processed Coffee Beans During the Roasting Process Dun-Xuan Wang, National Chiayi University |
| SAT-PS1-329 P5-0028 | Development of Fluorogenic Photolabile Chelators for Spatiotemporal Control of Bio-related Metal Release Zih-Jheng Lin, National Taiwan Univeristy |
| SAT-PS1-330 P5-0029 | Chemical Constituents and Activities of the New Indigenous Trichoderma Strain <i>T. orarium</i> 18F0055 from Taiwan Miao Hsuan Chen, 輔仁大學 |
| SAT-PS1-331 P5-0030 | Identification of an Optimal Carrier Protein for Cell Surface Display of Dehalogenases toward the Biodegradation of Halogenated Organic Compounds Yi-Chen Chen, National Taiwan Normal University |
| SAT-PS1-332 P5-0031 | Development of Dual-Functional Copolymers Incorporating Trehalose and Boronic Acid for Targeted Antibiotic Delivery Ha-Lac Tran, National Chung Hsing University |
| SAT-PS1-333 P5-0032 | Synthesis and Evaluation of Thiogalactoside-Derived Galectin-4 Inhibitors Pei Hsuan Chen, National Taiwan University |
| SAT-PS1-334 P5-0033 | A Genetically Encoded Gas-Phase Chemical Probe: Tuning the McLafferty Rearrangement for Protein Topology Analysis Yu Chen Ku, National Taiwan Normal University |
| SAT-PS1-335 P5-0034 | Hierarchical Protein Micro-Nanostructures Fabricated by a Polyelectrolyte-Based Pattern Transfer Technique for Cancer Cell Migration Studies |

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| | Hsing-Ting Wang, 國立成功大學 |
| SAT-PS1-336 P5-0035 | Logic-Gated Whole-Cell Biosensor Enables Sensitive and Portable Mercury Ion Detection Yun-Zhen Hsieh, National Taiwan Normal University |
| SAT-PS1-337 P5-0036 | Protein Engineering of Microcin J25 for Biosynthetic Pathway Analysis and Purification Optimization Hsiao-Wei Liu, National Taiwan University |
| SAT-PS1-338 P5-0037 | Engineering Long-Range Ionogels for Durable Wearable Ionotronic Health-Care Systems Kawinnapat Pimsorn, National Taipei University of Technology |
| SAT-PS1-339 P5-0038 | UV-Crosslinked Silk Fibroin–Alginate Double-Network Hydrogels for Advanced Biomedical Applications Tsai Yuan Shih, National Taipei University of Technology |
| SAT-PS1-340 P5-0039 | Proteomic Signatures Underlying Quality Differences in Green Coffee Beans from Distinct Postharvest Processing Methods Tai-Wei Wu, National Chiayi University |
| SAT-PS1-341 P5-0040 | Gd₂O₃:Yb,Er@SiO₂@DOX@FA Nanoplatform for Dual-Mode NIR-II/MRI Imaging and Synergistic Chemoradiotherapy of Breast Cancer Shih-Yun Peng, National Yang Ming Chiao Tung University |
| SAT-PS1-342 P5-0041 | AI-Driven Lead Optimization of Aryl Hydrocarbon Receptor (AhR) Antagonists Shih-Chieh Yen, 財團法人生物技術開發中心 |
| SAT-PS1-343 P5-0043 | Design and Synthesis of Mannose-6-Phosphate Derivatives for Lysosomal Enzyme Delivery for Fabry disease Lakshmi Priya Lakshmi Kandhan, National Chung Hsing University |
| SAT-PS1-344 P5-0044 | A Small-Molecule Therapeutic Probe for Rapid Tumor Visualization and Photodynamic Cleanup Pei-Ting Weng, National Chung Hsing University |
| SAT-PS1-345 P5-0045 | Design and Development of Bifunctional Covalent Allosteric Modulators: Toward Next-Generation Enzyme Stabilization and Therapeutic Modulation Hong-Hsing Chen, Tunghai university |
| SAT-PS1-346 P5-0046 | Novel Strategy for Antibody-Oligonucleotide Conjugates (AOCs) Mo-Yuan Shen, Development center for Biotechnology |
| SAT-PS1-347 P5-0047 | Synthesis of Nitrilotriacetic Acid Probe for Covalent and Oriented Antibody Immobilization on Magnetic Nanoparticles BoYu Yen, National Tsing Hua University |
| SAT-PS1-348 P5-0048 | Polyvinyl Alcohol Combined with Konjac Glucomannan Incorporating Cerium Dioxide Nanoparticles and ε-poly-lysine with Antioxidant and Antibacterial Function for Wound Dressing Szu-Lun Chen, National Taipei University of Technology |
| SAT-PS1-349 P5-0049 | Multiplexed Single-Cell Proteomic Profiling by a Miniaturized Chip and Isotopic Labeling Cassie Zhou, Academia Sinica |

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| SAT-PS1-350 P5-0050 | Chemoenzymatic Synthesis of Gangliosides Ming-Ru Wei, National Tsing Hua University |
| SAT-PS1-351 P5-0051 | Development and Application of Acridine-Based Fluorophore BAA12C as a Theranostic Agent Ryan Liou, National Chung Hsing University |
| SAT-PS1-352 P5-0052 | Coordination-Bond-Enhanced Toughness and Conductivity in PBX-Fe Hydrogels for Human Motion Sensing Chen-Chang Hung, National Taipei University of Technology |
| SAT-PS1-353 P5-0053 | Alditols in Complexing with Boronophenyl Alanine for Improving Aqueous Solubility for Boron Neutron Capture Therapy Chung-Shan Yu, National Tsinghua University |
| SAT-PS1-354 P5-0054 | A novel DNA Molecular Sensor for Detecting Trace Amounts of miRNA in Matrices Zhe An Yi, Institution of Toxicology |
| SAT-PS1-355 P5-0055 | Rare-Earth Modification for Enhanced Antibacterial Performance in Self-Healing Hydrogel Sensing Application Pei-Yu Hu, National Taipei University of Technology |
| SAT-PS1-356 P5-0056 | A Versatile Heteroatom Nucleophile Hub Enabling Divergent Thiol and Amine Bioconjugate Synthesis Sheng-Yao Chen, 國立成功大學 |
| SAT-PS1-357 P5-0057 | A Photocage Strategy to Spatiotemporally Control and Track Release of Mitochondrial Uncoupler Pei-Chen Kuo, 台灣大學 |
| SAT-PS1-358 P5-0058 | Development of Spatiotemporal and Photo-triggerable for Ferroptosis Induction Cheng-Yu Fang, National Taiwan University |
| SAT-PS1-359 P5-0060 | Comparative Phenotypic Assessment of hADSCs Cultured on the Surface of Photocurable PEGDA/GelMA/HAMA Hybrid Hydrogels Pavanchandh Atturu, Kaohsiung Medical University |
| SAT-PS1-360 P5-0061 | Protein Language Model-Based Interpretable Deep Neural Network for Predicting Allergenic Proteins Bo-Xun Zheng, National Central University |
| SAT-PS1-361 P5-0062 | Gel Fluorescence-Guided LC-MS/MS Workflow for Identification of Novel Catechol Estrogen-Derived Protein Adducts Shu-Jung Hsu, 國立成功大學 |
| SAT-PS1-362 P5-0063 | Chemical Modifications of glycoproteins to Enhance a Ligand Receptor-Mediated Uptake Efficiency Ming-Hsiang Cheng, Academia Sinica |
| SAT-PS1-363 P5-0064 | A GelMA/HAMA/PEGDA Hybrid Hydrogel Platform for Evaluating Extracellular Vesicle Cargo Suhana ., Kaohsiung Medical University |
| SAT-PS1-364 P5-0065 | Preparation of Glycosyl-Based Self-Immolative Nano-Carriers for Drug Release Peng Su, 國立中興大學 |

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| SAT-PS1-365 P5-0066 | Development of a Genetically Encodable Tag for Protein Turn-On Fluorescence Labeling Tsung Jung Yang, National Taiwan University |
| SAT-PS1-366 P5-0067 | Novel Diacridine Derivatives: Unveiling Innovative Interconnection with Double-Stranded DNA Hsiang-Chi Lee, Graduate Institute of Genomics and Bioinformatics, National Chung Hsing University, Taichung 402, Taiwan |
| SAT-PS1-367 P5-0068 | Discovery of the Novel Surrogate Marker of Heparan Sulfate and Use of It for Establishing a Cellular Phenotypic Assay Platform for MPS Studies Wei-Chieh Cheng, Academia Sinica |
| SAT-PS1-368 P5-0069 | Antibody-Protein Conjugates for MPS II: Development of IDS-Anti-Transferrin Receptor Hybrids Ru-Wei Luo, Academia Sinica |
| SAT-PS1-369 P5-0070 | Inter-subunit Catalysis Drives Bifunctional Fucose Transfer via Dynamic Loop Coupling Jhen-Yi Hong, 中興大學 |
| SAT-PS1-370 P5-0071 | Structural Basis of Quinoxaline-Acridine Asymmetric Bis-Intercalators That Bi-Target Topoisomerase I and Oncogene Transcription Shun-Ching Wang, 國立中興大學 |
| SAT-PS1-371 P5-0072 | Protein Analysis Using a Cysteine-Specific Backbone Cleavage Reagent Yude Chuang, 國立臺灣大學 |
| SAT-PS1-372 P5-0073 | Structural Locking of Pathogenic DNA Hairpins by Spermine Suppresses Toxic RNA Transcription in Spinocerebellar Ataxia 36 Yu Zhu Huang, National Chung Hsing University |
| SAT-PS1-373 P5-0074 | Structural Simplification Strategy: Developing Low-Toxicity Monocyclic Iminosugars for Glycoprotein Surface Modifications Tzu-Yu Lu, Academia Sinica |
| SAT-PS1-374 P5-0075 | Multi Photon Fluorescent Profiling of Localized Mitochondrial Viscosity in Alzheimer Disease Model Pradeep Kumar, TAIPEI MEDICAL UNIVERSITY |
| SAT-PS1-375 P5-0076 | NDI-Alkyne Derivatives Targeting c-MYC G-Quadruplex for Selective Cancer Therapy Sankar Panthi, National Chung Hsing University |
| SAT-PS1-376 P5-0077 | Characterization of the DNA-binding Affinity and Structural Dynamics of Novel 1,8-naphthalimide and Acridine Conjugates as Potential Anticancer Agents Cian-Li Wei, National Chung Hsing University |
| SAT-PS1-377 P5-0078 | Sandwiching Conductive Graphene by Gold Surface and Electroactive Membrane to Fabricate the Multi-Layered Nanocomposites for Bioelectrochemical and Biomedical Applications Yu-Ting Lin, 高雄醫學大學 |
| SAT-PS1-378 P5-0079 | Comparative Metabolite Profiling of Perilla frutescens Leaves Across Different Altitudes |

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| | Ling-Yu Wang, National Chiayi University |
| SAT-PS1-379 P5-0080 | NMR-based Metabolic Profiling of Central Nervous System Germ Cell Tumors (CNS GCTs) Under Different Doses of Radiation Therapy Pei Lian Li, National Chung Cheng University |
| SAT-PS1-380 P5-0081 | Time-Resolved Serial Millisecond Crystallography for CraCRY Structure Determination at Synchrotrons Kai-Chi Chuang, National Taiwan University |
| SAT-PS1-381 P5-0082 | Pharmacological and Transcriptomic Validation of bLF-Induced S/G Phase Arrest and p38-MAPK-Mediated Apoptosis in NSCLC Muhammad Sufian, National Chung Hsing University |
| SAT-PS1-382 P5-0083 | A Dual-Functional Lecithin-Coated Nano-assembly for Microglial Modulation in Alzheimer's Disease Therapy Shilpa Kumari, Taipei Medical University |
| SAT-PS1-383 P5-0084 | ROS Generation of Upconversion Nanocomposite Liposomes under Near-Infrared Light Stimulation Yi Ying-Ping, National University of Kaohsiung |
| SAT-PS1-384 P5-0085 | Loop-Gated Substrate Recognition and Catalytic Control in a Sugar-Modifying Methyltransferase from a Glycosylated Anticancer Natural Product Pathway Cheng-Chih Ke, 國立成功大學 |
| SAT-PS1-385 P5-0086 | An Integrated High-Throughput Platform for Indolocarbazole Diversification and Efficacy Profiling toward Kinase-Targeted Therapeutics Chia-sheng Wang, national cheng kung university |
| SAT-PS1-386 P6-0001 | Flexible Energy Storage Device Synthesized with Novel Electrochromic Prussian Blue Electrode and Piezoelectric Self Charging Electrolyte Yun-Liang Chen, Providence University |
| SAT-PS1-387 P6-0002 | Effects of Catalyst Loading and Temperature on the Kinetics of Fructose Dehydration to 5-Hydroxymethylfurfural Ruei-Chang Liao, CPC Corporation |
| SAT-PS1-388 P6-0003 | Inverse Vulcanization Synthesis of Sulfonate- and Quaternary Ammonium Salt-Functionalized Polysulfur for Investigating the Performance and properties of Lithium-Sulfur Battery Cathode Materials Pin-Hsin Fang, 國立中山大學 |
| SAT-PS1-389 P6-0004 | Self-Purifying Complex-Emulsion Microreactors: Cu-Catalyzed Click Chemistry via In Situ Product Crystallization Chun-Yu Huang, 國立東華大學 |
| SAT-PS1-390 P6-0005 | Highly Selective Photocatalytic Conversion of C1 to C2+ Hydrocarbons and H2 Evolution Using SbSI and SbSeI as Catalysts Yu-Yun Lin, National Taichung University of Education |
| SAT-PS1-391 P6-0006 | Waste-to-Value Conversion of Garlic Peel into N, Co co-Doped Porous Carbon for Efficient Oxygen Evolution Electrocatalysis Manjula Natesan, National Taipei University of Technology |

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| SAT-PS1-392 P6-0007 | Toward Anode-less Lithium Metal Batteries Enabled by Garnet-Based Composite Polymer Electrolytes Yuan-Ting Hung, 國立臺灣大學 |
| SAT-PS1-393 P6-0008 | Regulating Carbon Monoxide and Format Selectivity on Silver-Based Catalysts under Industrial-Level Operation of CO₂ Reduction Operation Yu Cheng Liu, 國立陽明交通大學 |
| SAT-PS1-394 P6-0009 | Green Synthesis of High-Performance Cu–Zn–Al Oxide Granular Catalysts for CO₂-to-Methanol Conversion Zi Yu Yin, National Cheng Kung University |
| SAT-PS1-395 P6-0010 | Selenium-Incorporated Polymerized Nonfullerene Acceptors/SWCNT Composites with Polymer-Assisted n-Doping for High-Performance Organic Thermoelectrics Chi-Chun Tseng, National Yang Ming Chiao Tung University |
| SAT-PS1-396 P6-0011 | Study on Performance and Regeneration of Fe-Al₂O₃ Granular Adsorbents for SO₂ Removal Yi-Yuan Tseng, National Cheng Kung University |
| SAT-PS1-397 P6-0012 | Enhancement of Biogas Production in Anaerobic Digestion Using Natural Alkali Agent and Chemical Solvent Method Ming-Feng Jang, National Atomic Research Institute |
| SAT-PS1-398 P6-0013 | 2-Mercaptobenzimidazole Modified hydrophobic Ag Nanowire for Industrial CO₂ Reduction to CO Shuo-Peng Lin, national yang ming chiao tung university |
| SAT-PS1-399 P6-0014 | Exploring Surface States in BiVO₄ Through Doping Strategy: Impact of Different Substitution Sites Ting-Ting Chang, 國立臺灣大學 |
| SAT-PS1-400 P6-0015 | Microwave-assisted Synthesis of Fluorescent Carbon Quantum Dots from Sodium Alginate and Glycine Tzu-Yu Hsiao, National Taipei University of Technology |
| SAT-PS1-401 P6-0016 | Elucidating Nitrogen-Content-Dependent Properties of Noble-Metal-Like Tungsten Nitride (WN_x) for Alkaline Electrochemical Nitrate Reduction Hsin Kai Lee, National Taiwan University |
| SAT-PS1-402 P6-0017 | Artificial Hydrogenase Photocatalysts Based on Earth-Abundant Metals for Light-Driven Hydrogen Generation from Formic Acid Yu-Chen Su, National Yang Ming Chiao Tung University |
| SAT-PS1-403 P6-0018 | Investigation of Potassium Salt Effects on the Electrical Conductivity of Polyvinyl Alcohol Conductive Hydrogels Chien-Yin Lin, Chung Yuan Christian University |
| SAT-PS1-404 P6-0019 | Catalytic cROP, Closed-Loop Recycling, and Upcycling of Glucose-Derived Dehydropolysaccharides via Substituent Modulation Tzuying Lee, 國立成功大學 |
| SAT-PS1-405 P6-0020 | Bio-Catalytic Engineering of Aliphatic-Enriched Humic-Like Substances Through Yeast–MnO₂ Synergism: A Rapid and Sustainable Humification Strategy Tsung-Hung Wu, National Chung Hsing University |

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| SAT-PS1-406 P6-0021 | Hydrothermally Synthesized Carbon Quantum Dots for Fluorescent Detection of Lead and Nickel Ions in Water Yu-Huei Hsiao, Chung Shan Medical University |
| SAT-PS1-407 P6-0022 | Electrochemical Sensing of Cobalt(II) Based on the Coordination Effect of Carbon Dots Chih-Hsuan Chuang, Chung Shan Medical University |
| SAT-PS1-408 P6-0023 | Electrodeposited Solid-Solution Cu–Rh alloys for Electrochemical CO₂ Reduction Yung Jung Chuang, National Tsing Hua University |
| SAT-PS1-409 P6-0024 | Optical Labeling with Artificial Intelligence Using Infrared-Responsive Functional Textiles Yi-Ting Tsai, Academia Sinica |
| SAT-PS1-410 P6-0026 | Kesterite Cu₂ZnSnS₄ enables Electrocatalytic CO₂ Reduction at High Current Densities Kang Chi, National Yang Ming Chiao Tung University |
| SAT-PS1-411 P6-0027 | Co-production of Formate via Coupled CO₂ Reduction and Ethylene Glycol Oxidation Using Bismuth- and Cobalt-Based Catalysts Ming Hsuan Li, National Yang Ming Chiao Tung University |
| SAT-PS1-412 P6-0028 | Preparation and Applications of Bio-Based Chemicals You-Liang Tu, CPC Corporation, Taiwan |
| SAT-PS1-413 P6-0029 | MnO₂-Catalyzed Abiotic Humification: Mechanistic Insights from Experimental and DFT Studies of Catechol-Glycine-Methionine Polymerization Mahmoud M.M. Ahmed, NCHU |
| SAT-PS1-414 P6-0030 | Investigation of Self-Healing and Adhesion Behaviors in Azobenzene-Based Composite Hydrogels Peng Wen Chen, Chung Yuan Christian University |
| SAT-PS1-415 P6-0031 | Anti-Crystallization Study of Ionic Liquids in Liquid Desiccant Systems Po-Hsuan HSIEH, Industrial Technology Research Institute |
| SAT-PS1-416 P6-0032 | A Study on Oyster Shell-Based Lime Plaster: Realizing Waste Reutilization and Integration with Surface Coating and 3D Printing Technologies Yu Lun Yang, National Cheng Kung university |
| SAT-PS1-417 P6-0033 | Azobenzene-Based Conductive Hydrogels with Reversible Coloration and Self-Healing Properties Chen-Shin Wang, Chung Yuan Christian University |
| SAT-PS1-418 P6-0034 | Gadolinium-Modulated Electronic Structure of Copper-Based Catalysts for Enhanced C₂ Product Selectivity in Electrochemical CO₂ Reduction Reaction Cheng-Bin Lee, National Tsing-Hua University |
| SAT-PS1-419 P6-0035 | Regulation of Hydrogen Evolution Reaction in Neutral Media via Third-Metal and Nitrogen Anion Doping in Cobalt–Nickel-Based Catalysts Yu-Chun Chen, National Tsing Hua University |
| SAT-PS1-420 P6-0036 | Photocatalytic Hydrogen Evolution over Ni–Mo-Modified g-C₃N₄ Prepared by Photodeposition Yu-Hsien Wei, National Tsing Hua University |

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| SAT-PS1-421 P6-0037 | High-Valence Metals Improve Oxygen Evolution Reaction Performance By Modulating CoNi-based Catalyst Oxidation Cycle Energetics Chung-Fu Chiang, National Tsing-Hua University |
| SAT-PS1-422 P6-0038 | Achieving Highly Efficient Carbon Dioxide Reduction in Photocatalysis by Controlling the Particle Size of Ag@ZIF-90 Hsiang-Chia Shu, 國立台北科技大學 |
| SAT-PS1-423 P6-0039 | Design and Development of Multifunctional Fluorescent Hydrogels: Self-Healing, Adhesive, and Conductive Properties Chen Wen Chun, Chung Yuan Christian University |
| SAT-PS1-424 P6-0040 | Developing a Nanomaterial-Based Green Heating System for Chemical Reactions He Chiawen, 中國文化大學 |
| SAT-PS1-425 P6-0041 | Steering Electrochemical CO₂ Reduction to High-Density Fuels via Decoration of Copper Oxide Catalyst with Oxophilic Al and Ce Metals Yusif Ahmed, Academia Sinica |
| SAT-PS1-426 P6-0042 | Comparison of the Structure and Activity of Ketoreductases Tse-yu Chung, 生物技術開發中心 |
| SAT-PS1-427 P6-0043 | Green Synthesis of CoFe₂O₄/RGO Nanocomposites for Efficient Dye Adsorption from Industrial Wastewater He-Rong LIN, National Pingtung University |
| SAT-PS1-428 P6-0044 | Properties and Performance of Polyvinyl Alcohol Conductive Hydrogels with Imidazolium-based Ionic Liquids Hsinyu Liu, Chung Yuan Christian University |
| SAT-PS1-429 P6-0046 | Investigation of the Solubility Mechanism of Mangiferin and Its Application in Rapid Extraction 蕭筱蕤, 嘉義大學 |
| SAT-PS1-430 P6-0047 | Lattice Oxygen Evolution Catalyzed by Mo-Doped FeCoNiOOH Chih-Ying Lin, National Tsing-Hua University |
| SAT-PS1-431 P6-0048 | The Study of Nitrate Wastewater Conversion to Ammonia via Immersion-Type Vacuum Ultraviolet (VUV) Synergistic Hydrogenation Reaction Yu-Cheng Chiang, National Yunlin University of Science and Technology |
| SAT-PS1-432 P6-0049 | Integration of HPLC-MS Analysis and Gold Nanoparticle Synthesis Using <i>Metarhizium anisopliae</i> Culture Broth for Pest-Control Applications Pei Shan Liao, National Chiayi University |
| SAT-PS1-433 P6-0050 | Preparation, Characterization, and Physical Property Studies of Polyetheretherketone (PEEK) Polymer/Biomass Carbon Composite Materials Tsung-Cheng Tsai, 中原大學 |
| SAT-PS1-434 P6-0051 | Large-Scale Automated Synthesis of Ag₂S Quantum Dots via Flow Reactor: A Comparative Study with Batch Synthesis Kai-Chun Hsu, Academia Sinica |
| SAT-PS1-435 P6-0052 | Investigation of the Mechanisms Underlying PFOA Reduction Induced by Hydrated Electrons in an Submerged Vacuum Ultraviolet (VUV) System Yen-Yu Tsai, 國立雲林科技大學 |

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| SAT-PS1-436 P6-0053 | Converting Agricultural Waste into Hard Carbon via Self-Deoxygenating Activation Method and Its Application in Sodium-Ion Batteries Po-Hsuan Wu, 國立成功大學 |
| SAT-PS1-437 P6-0054 | Atomically Dispersed Cerium on Nitrogen doped Graphene Oxide for Enhanced Carbon Dioxide Electroreduction Performance Yu-Chieh Huang, National Taiwan University |
| SAT-PS1-438 P6-0055 | Diluent-Free Photocurable Recycling Strategy: Utilizing Degraded Itaconic Acid Vitriimer Liquids as Reactive Crosslinkers for Bio-Based Unsaturated Polyesters Chu Ruei-Jing, 國立臺北科技大學 |
| SAT-PS1-439 P6-0056 | Dopamine-Functionalized Ag₂S Quantum Dots for Enhanced Bioimaging Application Xianghong Lu, Academia Sinica |
| SAT-PS1-440 P6-0058 | Turning Biowaste into Treasure: Phosphorescent Transparent Keratin Films for Radiative Cooling with All-Day Optic-Thermal Management Ching-Wen Hwang, National Tsing Hua University |
| SAT-PS1-441 P6-0059 | Preparation of Pd/WSe₂ Composite for Photocatalytic Reduction Using Different Light Sources You-Cian Lai, 靜宜大學 |
| SAT-PS1-442 P6-0060 | Sustainable Synthesis of Furans: Batch vs Solvent-Free Mechanochemical Conversion of 1,3-Dicarbonyl Alkenes/Alkynes Karthick Govindan, 高雄醫學大學 |
| SAT-PS1-443 P6-0061 | Stretchable PEDOT:PSS Electrode With Multifunctional Electrolyte For Supercapacitor Application Hung-En Yeh, Providence University |
| SAT-PS1-444 P6-0062 | Optimization of Ta₃N₅/n-Si Heterojunction Design in Photoelectrochemical Applications Bo-Ying Lai, NTU |
| SAT-PS1-445 P6-0063 | Conjugated-Ligand Engineering to Modulate HER Kinetics in Metal–Organic Frameworks Chenxi Tan, National Cheng Kung University |
| SAT-PS1-446 P6-0064 | Design and Synthesis of Pyridinium Salts with Tunable Electronic Properties as Efficient Catalysts for CO₂ Cycloaddition PingHsun Liu, 國立台灣大學 |
| SAT-PS1-447 P6-0065 | Unveiling the Reaction Mechanism of Cobalt Single-Atom Catalysts during Electrochemical CO₂ Reduction Reaction Hsing-Wei Hsueh, National Taiwan University |
| SAT-PS1-448 P6-0068 | Electrophilic Trifluoromethylsulfonylation of NH-sulfoximines with N-trifluoromethylsulfonylphthalimide Pushbaraj Palani, Kaohsiung Medical University |
| SAT-PS1-449 P6-0069 | Topology-Engineered Hyperbranched Triphenylamine-Based Polyamide for Dual-Functional Electrochromic and High-Durability Energy Storage Applications William Sun, National Taiwan University |

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| <p>SAT-PS1-450 P6-0070</p> | <p>Preparation of Non-Conventional Fluorescent Polymer Dots via Hydrothermal Method as Chemical Sensors for Detecting Heavy Metals in the Environment Chieh Yi Kao, China Medical University</p> |
| <p>SAT-PS1-451 P6-0071</p> | <p>Molecular Engineering of Triarylamine Polymers for Multifunctional Optoelectrochemical and Energy-Related Applications Xian-Han Xia, National Taiwan University</p> |
| <p>SAT-PS1-452 P6-0072</p> | <p>Flexible and Skin-Friendly Pulse Sensors Enabled by Camphor-Derived Green Graphene Chiao-Deng Yeoh, Chung Yuan Christian University</p> |
| <p>SAT-PS1-453 P6-0073</p> | <p>Upcycling of Condensation Plastics to Transform Monomers and Multifunctional Carbon Quantum Dots via Green Process Chen-Yu Li, National University of Kaohsiung</p> |
| <p>SAT-PS1-454 P6-0074</p> | <p>Photocatalytic CO₂ Hydrogenation to Formic Acid Using Ruthenium Acridophos Complex in DMSO Teng-Kai Yu, National Yang Ming Chiao Tung University</p> |