

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P1-A-01	COF/PBI based anion exchange membranes for fuel cells 李嘉育 (國立成功大學)
P1-A-02	Synthesis and Characterization of Anion Exchange Membranes with Bis-imidazolium-based Cationic Side Chains 楊詠筑 (國立成功大學)
P1-A-03	聚脲系煅燒型無金屬化合物作為陰離子交換膜燃料電池陰極觸媒之研究 曾哲儒 (國立高雄科技大學)
P1-A-04	煅燒型含鈷硫摻雜芳香族聚脲做為陰離子交換膜燃料電池陰極觸媒之研究 羅翊桓 (國立高雄科技大學)
P1-A-05	Enhancing Lithium-Ion Battery Safety and Performance with Multi-Functional Non-Halogenated Phosphazene Derivative Electrolyte Additives 江岳儒 (國立成功大學)
P1-A-06	Enhancement of Seebeck Coefficients in GelMA-Based Thermogalvanic Cells via Ion-Induced Crystallization and Nanostructural Engineering 洪紹桓 (國立臺灣大學)
P1-A-07	Osmotic Power Generation System with Antifouling Diblock Copolymer-Modified Ion-Selective Membrane 廖涵涓 (國立中央大學)
P1-A-08	利用量子力學計算開發網狀與線性光催化高分子應用於二氧化碳還原反應 梁軒維 (國立臺灣大學)
P1-A-09	Synthesis of Perfluorinated Polymer-Based Anion Exchange Membranes for fuel cells Using Different Tethering Strategies: Evaluation of Alkaline Stability 張逸昭 (國立高雄科技大學)
P1-A-10	Solid polymer electrolyte membrane that based on Polythioureas with Self-healing and Stretchability 李美麗 (國立陽明交通大學)
P1-A-11	Investigating the Relationship Between Polymer Soft Segments and Tensile Strength Using Coarse-Grained Molecular Dynamics 林豐震 (工業技術研究院)
P1-A-12	煅燒型聚脲聚亞胺共聚物作為陰離子交換膜燃料電池陰極觸媒的研究 莊映琇 (國立高雄科技大學)
P1-A-13	Optimizing Crystallinity in PVA-Based Ionogels with Additives to Enhance Thermoelectric Performance for Waste Heat Recovery 廖詠婕 (國立臺灣大學)
P1-A-14	Ion-Exchange Semiaromatic Polyimides with Alicyclic Diamines for Energy Storage Applications 張桔源 (國立成功大學)
P1-A-15	Multiblock Copolymers and Microcracked Gold Composites for Stretchable Organic Field-Effect Transistors 黃毓鈞 (國立成功大學)
P1-A-16	Effect of Intermolecular Interaction on Crystal Orientation in Microdomains Formed by Block Copolymer Blends 謝嘉珮 (國立成功大學)
P1-A-17	Photoresponsive Behavior of Azobenzene-Containing Diblock Copolymer mPEG-b-PDMA-Azo under Violet Light Irradiation 簡辰翰 (國立成功大學)
P1-A-18	In Situ Formed Composite Polymer Electrolytes Based on Anion-Trapping Boron Moiety and Al-doped Lithium Lanthanum Zirconate Oxide for High Performance Lithium Metal Batteries 沈旻嫻 (國立成功大學)

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P1-A-19	新型全奈米纖維之自清潔抗紫外線摩擦起電能量收集器 許詠祈 (國立臺北科技大學)
P1-A-20	SnSe/PVDF 壓電及熱釋電奈米纖維於穿戴式元件的應用 李孜蕓 (義守大學)
P1-A-21	透過多步配體交換法優化鈣鈦礦量子點及穩定性達成高效率發光二極體 林鎧薇 (國立臺北科技大學)
P1-A-22	利用自由基清除劑降低高分子的電子輻射損傷 何衍其 (國立中央大學)
P1-A-23	以一維柱狀奈米微結構探討高分子/陶瓷複合材料的奈米拉伸行為及其機械性質 蔡雨彤 (國立中央大學)
P1-A-24	Novel Linear Conjugated Polymers Applied in Organic Photocatalytic Carbon Dioxide Reduction Reactions 邱香綾 (國立臺灣大學)
P1-A-25	A promising non-fullerene acceptor for near-infrared organic photodetectors operating with low dark current and high response speed 陳虹婷 (國立臺灣科技大學)
P1-A-26	A Comprehensive Investigation of Entropy Changes in Thermogalvanic Co-solvent Systems 許靖頤 (國立臺灣大學)
P1-A-27	Preparation of Poly(L-lactic acid) (PLLA)-Poly(D-lactic acid) (PDLA) Electrospun Fibers and Their Stereocomplex Formation 林欣禹 (國立成功大學)
P1-A-28	Electrospun Nanofibers as an Electrocatalyst for Nitrate Reduction Reaction for Synthesizing Ammonia 曾俊翔 (國立成功大學)
P1-A-29	透過多巴胺介導還原銀奈米粒子製備有機-無機複合藍光鈣鈦礦應用於高效發光二極體 方孟修 (國立臺北科技大學)
高分子複合與混成材料	
P1-B-01	新型 Mini LED 擴散封裝膠材 江淳甄 (工業技術研究院)
P1-B-02	碳/碳複合材料燒蝕模擬分析與驗證研究 林正軒 (工業技術研究院)
P1-B-03	探討異丙醇鈦與甲酸透過溶劑熱法合成八面體 TiO ₂ 的生長機制 董昱安 (國立臺北科技大學)
P1-B-04	綠色新型 IFR 系統：生物廢棄物之茶多酚與膨脹型難燃劑產生協成效應並增強環氧樹脂難燃性與熱穩定性 張又升 (國立勤益科技大學)
P1-B-05	Cationic Photopolymerization Coating of Fluorinated Siloxy-Graphene Oxide Epoxy Resin for Corrosion Protection and Oil-Water Separation 黃曜璿 (國立高雄科技大學)
P1-B-06	一石二鳥策略製備用於防火安全環氧樹脂複合材料的雙重功能：利用自組裝雙核殼結構咪唑骨架-8(ZIF-8)的雙層空心衍生物 林煒鈞 (國立勤益科技大學)
P1-B-07	摻銻二氧化錫及聚醚醯亞胺複合材料具備可撓性導電薄膜 張淑茜 (國立臺北科技大學)
P1-B-08	以遺傳規劃法模式估計高分子之折射率 楊舜傑 (中國文化大學)
P1-B-09	聚丙烯與高密度聚乙烯之聚摻合物性質研究 程可崴 (中國文化大學)

高分子複合與混成材料	
海報編號	題目與發表作者
P1-B-10	布纖維混摻對環氧樹脂固化交聯之影響 劉弘仁 (工業技術研究院)
P1-B-11	Study on the Synthesis and Properties of Highly Branched Polyesters with Highly Energetic and UV-Curable Groups 邱昱清 (國立臺北科技大學)
P1-B-12	Synthesis and Properties of Photo-Curable Glycidyl Azide Polymers 王冠翔 (國立臺北科技大學)
P1-B-13	Investigation of the adsorption and regeneration performance of sodium humate/ poly(sodium acrylate) composite hydrogel for ammonia nitrogen removal 陳瑩蓁 (國立高雄科技大學)
P1-B-14	利用甘蔗渣製備阻燃熱塑性聚氨酯複合材料之性能研究 何明軒 (國立勤益科技大學)
P1-B-15	Enhancing Adhesion and Antibacterial Properties of Copper Nanowire on Polyurethane Substrates via Polydopamine-Mediated Surface Modification 楊博堯 (國立臺北科技大學)
P1-B-16	Synthesis of Thermoplastic Polyurethane from Two Bio-Based Materials and Preparation of Zinc Oxide Nanocomposites 陳泳潔 (國立臺北科技大學)
P1-B-17	Synthesis of Curved Copper Nanowires Using Sodium Formate 李其霖 (國立臺北科技大學)
P1-B-18	原位聚合含農業廢棄物熱塑性聚氨酯阻燃複合材料的製備及性能研究 趙正皓 (國立勤益科技大學)
P1-B-19	以氫氧基磷灰石製備綠色環保型生物基難燃環氧樹脂複合材料及其防火性能之研究 黃晉晨 (國立勤益科技大學)
P1-B-20	使用不同比例聚矽氧烷合成團聯共聚聚醯亞胺彈性薄膜的熱性質之探討 魏沛欽 (國立臺北科技大學)
P1-B-21	探討不同比例隨機嵌段聚醯亞胺/矽氧烷彈性薄膜的熱性質 李昱達 (國立臺北科技大學)
P1-B-22	石墨烯接枝馬來酸酐強化聚丁二酸丁二醇酯複合材料之特性研究 馬瀚 (逢甲大學)
P1-B-23	特殊潤濕性奈米碳管/高分子複合薄膜製備及其在乳化液分離之應用 王展浩 (國立中山大學)
P1-B-24	Electroactive scaffolding molecules and their derived carbon nanocomposites for energy storage applications 葉一宣 (大同大學)
P1-B-25	以環境友善法製備多酚化合物/鐵離子/水溶性高分子改質纖維素複合材料及其在油水分離之應用 王政諺 (國立中山大學)
P1-B-26	Preparation of Copper Oxide-Multiwall Carbon Nanotube (CuOx@MWCNT) Composites Modified-Electrodes for the Electrocatalytic Oxidation of Methane to Methanol 林瑞嘉 (國立臺北科技大學)
P1-B-27	以田口實驗設計方法製備聚醯亞胺奈米材料 傅浩宣 (國立臺北科技大學)
P1-B-28	高分子摻和系統誘導皺褶顆粒狀仿生表面應用於微流道 阮婕筠 (國立中興大學)
P1-B-29	Unveiling the Effect of Alkylthio and Alkyl Side Chains on Thermoelectric Properties in Poly(thienylene vinylene)/Carbon Nanotube Nanocomposites 蕭亦佐 (國立臺灣大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P1-C-01	環保型油水分離膜貼合之研究 曾博楷 (中國文化大學)
P1-C-02	纖維素/澱粉混合發泡體之研究 呂昀祐 (中國文化大學)
P1-C-03	BODIPY-based Type II Photoinitiators: Exploring Potential Applications in Visible/Near-IR Light-Induced Photopolymerization 林志翰 (國立高雄科技大學)
P1-C-04	Radiation-Sensitive CF127/HA Hydrogel for Targeted and Sustained Doxorubicin Delivery in Glioblastoma Therapy 吳宗昀 (國立臺灣科技大學)
P1-C-05	Triphenylamine benzylidene ketones as visible-light radical photoinitiators: Effects of cyclic ketone cores 劉文翔 (國立高雄科技大學)
P1-C-06	The influence of terminal benzene derivatives on triphenylamine-based oxime esters in free radical photopolymerization 田博鋹 (國立高雄科技大學)
P1-C-07	Zwitterionic Hydrogel Coatings via Silatrane Chemistry Chih-Yu Chen (國立中央大學)
P1-C-08	Preparation of Silver Nanoparticles Immobilized on Polyethylenimine-based Dendritic Polymer for SERS Detection 黃昱璇 (國立臺灣大學)
P1-C-09	Investigating the Epimer Effect of Conjugation Break Spacers in P-type Semiconducting Polymers for Organic Electrochemical Transistors 蘇上文 (國立成功大學)
P1-C-10	Investigation of the Self-Assembly Behavior of Fluorescent and Photoresponsive Spiropyran Amphiphilic Random Copolymers Micelle 黃建豪 (國立高雄科技大學)
P1-C-11	以生質溶劑製作聚醚砜過濾薄膜 賴彥君 (淡江大學)
P1-C-12	校園溫室氣體盤查之研究-國立勤益科技大學 王佳卉 (國立勤益科技大學)
P1-C-13	Through Backbone Engineering and Doping Optimization to Controll Thermoelectric Performance in Naphthobisthiadiazole-Based Donor-Acceptor Conjugated Polymers 彭鈺棋 (國立臺灣大學)
P1-C-14	以廢棄聚碳酸酯衍生之芳香族胺類製備可降解聚(碳酸酯亞胺)類玻璃態高分子及環氧樹脂固化物 許勝帆 (國立中興大學)
P1-C-15	利用化學還原法結合高分子材料製備抗氧化 SiO ₂ /Cu 核殼結構微米球及其相關應用 陳沅璋 (國立雲林科技大學)
P1-C-16	利用光照誘導法結合高分子材料製備不同顏色奈米銀粒子及其相關應用之研究 吳京龍 (國立雲林科技大學)
P1-C-17	以靜電紡絲製備相分離結構聚偏二氯乙烯纖維薄膜應用於輻射冷卻 廖晨芳 (國立成功大學)
P1-C-18	利用分子動力學開發兼具耐高溫及優良機械性質之生質可回收環氧樹脂 鍾筠雲 (國立臺灣大學)
P1-C-19	Black TiO ₂ -based Nanocomposite Hydrogels for Enhanced Antibacterial Efficacy through Combined Sonodynamic, Photodynamic, and Photothermal Therapies 王姿穎 (國立臺灣大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P1-C-20	Modulating the Structures and Properties of Chitosan/Polydextran Hydrogels through Crosslinker Design 林沛涵(國立臺灣大學)
P1-C-21	Upcycling PET into Conductive TPEE Films via Layer-by-Layer Assembly 邱建樞(國立陽明交通大學)
P1-C-22	製備環碳酸酯化壓克力系高分子及其性質鑑定之研究 廖姿硯(南臺科技大學)
P1-C-23	Photo-Healable Fibers: Recycled TPEE and Azobenzene-Containing Polymer Blends 徐彥紳(國立陽明交通大學)
P1-C-24	Rigid foam constructed from stacked polyimide hollow microspheres with good thermal and mechanical properties 楊智穎(國立臺北科技大學)
P1-C-25	Understanding the stability of chain transfer agents in different solvents during photo-induced RAFT polymerization 李鈺婷(國立成功大學)
P1-C-26	Visible light-driven RAFT miniemulsion polymerization mediated by hydrophobic deep eutectic solvents 黃允侖(國立成功大學)
P1-C-27	Synthesis and Characterization of the Polymers Containing Carbazolevinylenes and Tetraphenylethenevinylenes by Ring-Opening Metathesis Polymerization 陳嫻茹(國立臺灣科技大學)
P1-C-28	聚己內酯與環氧樹脂摻合系統之熱性質、結晶形態及動力學影響 張輔元(國立高雄大學)
P1-C-29	生物基環氧樹脂合成 陳怡靜(國立高雄大學)
P1-C-30	Preparation of Photonic Crystal Derived from Norbornene-based Block Copolymers Containing Polycaprolactone and Polylactide 練庭宇(國立臺灣科技大學)
P1-C-31	利用四手醛基封端聚乙二醇製備高強度殼聚醣/二氧化矽有機無機複合中性自癒性水凝膠及其在軟骨修復上之應用研究 楊昀諺(中原大學)
P1-C-32	Water-soluble graphene quantum dot-based polymer nanoparticles with internal donor/acceptor heterojunctions for efficient and selective detection of cancer cells Hsien-Hung Hsieh(國立臺灣科技大學)
高分子加工與纖維紡織	
P1-D-01	魚膠原蛋白共混高分子材料探討靜電紡絲在生物醫材的應用 虞珮甄 (國立臺北科技大學)
P1-D-02	以微膠囊包覆精油製備靜電紡絲纖維之釋放性質研究 許翔茗 (中國文化大學)
P1-D-03	Preparation of Nanofibrous Membrane with Photocatalyst Containing WO₃/TiO₂/Ag₃PO₄ and Its Degradation of Methylene Blue under Visible Light 黃婷鈺 (國立雲林科技大學)
P1-D-04	環境應力開裂(Environmental Stress Cracking)與日常/工業使用溶劑對於消費後回收(Post-consumer recycled-PCR)聚碳酸酯影響 張仲安 (綠馬仕新材(昆山)科技有限公司)
P1-D-05	熔融金屬鹽催化降解熱固碳纖維材以回收再生碳纖維 林煒 (財團法人塑膠工業技術發展中心)
P1-D-06	Studies on the application of environmentally friendly lightweight composite materials in cables 沈詩媚 (國立雲林科技大學)

高分子加工與纖維紡織	
海報編號	題目與發表作者
P1-D-07	奈米纖維素/奈米銀複合材料於農藥檢測之應用 張智皓 (朝陽科技大學)
P1-D-08	Fabrication of Self-Healable, Stretchable Fibers for Advanced UV-Sensitive Sensors through Electrospinning Technology 蘇珣瑄 (國立陽明交通大學)
P1-D-09	Fabrication of Bio-based Poly(lactic acid) Fibrous Membranes via Electrospinning for Application in Oil/Water Separation 廖語忻 (淡江大學)
P1-D-10	Exploring the Reprocessing Potential of Commercial Unsaturated Polyester Resin Combined with Vitrimer Materials 朱芮靚 (國立臺北科技大學)
P1-D-11	Fabrication of acid-responsive self-healing fiber via Electrospinning 陳建霖 (國立陽明交通大學)
P1-D-12	結合侷限空間效應與冷凍乾燥誘導生成有序高分子多孔材料 范維淳 (國立中興大學)
P1-D-13	Biobased Polyesters Comprising Isosorbide and Dimer Diol/Diacid with Low Carbon Emissions and Dielectric Constants at High Frequencies 蔡怡安 (國立成功大學)
P1-D-14	Enzymatic Biodegradation of PLA/PBAT Polymer Blends and Multilayer Films 甘宜禾 (國立高雄科技大學)
P1-D-15	Properties of Modified Poly(styrene-(ethylene/butylene)-styrene-grafted- maleic anhydride/4-Aminodiphenyl disulfide Blends 林宜甄 (國立宜蘭大學)
P1-D-16	纖維素奈米晶體混摻鈣鈦礦形成新穎奈米纖維膜以提升光學性質及熱穩定性 徐紫軒 (國立臺北科技大學)
P1-D-17	彈性導電奈米纖維應用於穿戴裝置與能量收集器 鍾亞璇 (國立臺北科技大學)
P1-D-18	Fabrication of Reversible Light-Controlled Adhesives Using Azopolymers for Applications in Textile Fabrics 洪郁婷 (國立陽明交通大學)
P1-D-19	石墨烯鍍氧化鋅/聚氨基甲酸酯之複合物合成與性質之研究 陳勁綸 (黎明技術學院)
P1-D-20	含雙吡啶鏈延長劑之聚氨基甲酸酯合成與性質之研究 陳勁綸 (國立臺灣科技大學)
P1-D-21	探討以靜電紡絲摻雜 3A 族金屬的多晶碳化矽纖維於不同熱解條件下的性質 余旻翰 (國立清華大學)
P1-D-22	Study on the Modification of Quantum Dots for Membrane Separation in Oil/Water Emulsions 陳佩辰 (中原大學)
P1-D-23	氮化硼對超高分子量聚乙烯纖維熱性能之影響的探討 楊程鈞 (南臺科技大學)
P1-D-24	Preparation of SAN@PVA composite aerogels crosslinked by glutaraldehyde with high efficiency filtration for PM2.5 陳昱愷 (國立臺灣大學)
P1-D-25	易吸水高分子材料之含水率對押出加工及機械性質之影響 趙梓棋 (工業技術研究院)
P1-D-26	冰芯在非均厚截面產品成型技術發展 陳焜勇 (國立虎尾科技大學)

高分子加工與纖維紡織	
海報編號	題目與發表作者
P1-D-27	熔融紡絲聚偏二氟乙烯纖維的壓電響應及其在壓電奈米發電機和感測器陣列中的應用 沈宗奇 (國立臺灣科技大學)
P1-D-28	可循環生物廢棄物之魚鱗/human hair TENG 產電元件開發 陳婷 (義守大學化學)
P1-D-29	雙穩態鉸鏈結構設計與力學性能分析 侯騰緒 (國立虎尾科技大學)
P1-D-30	冰芯技術在塑膠進氣歧管之射出成形研究 張哲瑜 (國立虎尾科技大學)

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P2-A-01	運用機器學習輔助熱激活延遲螢光材料開發 李俊憲 (國立臺灣大學)
P2-A-02	A study on the fabrication of interlocking bilayer solid polymer electrolytes for all-solid-state lithium batteries utilizing amine curing agents 吳冠璋 (國立臺灣大學)
P2-A-03	Electrosynthesis of copolymer based on bis[3,5-di(9H -carbazol-9-yl)phenyl]diphenylsilane and 2,2'-bithiophene for electrochromic device 郭魯廷 (國立高雄科技大學)
P2-A-04	Azobenzene used for the development of optical properties in energetic thermoplastic elastomers 鄭文愷 (國立中山大學)
P2-A-05	Molecular Design of Thermoplastic Polyurethanes: Impact of Adamantane Dendrons on Microphase Separation and Shape Memory Properties 廖威喆 (國立臺灣大學)
P2-A-06	Amphiphilic Poly(Hydroxyaminoethers) As Thermosensitive Emulsifiers For Preparing Waterborne Epoxy Resins 楊肅竣 (國立臺灣大學)
P2-A-07	藉由混合不同配體之準二維鈣鈦礦並結合特定官能基團高分子提升光記憶體元件穩定性 余沛珍 (國立臺北科技大學)
P2-A-08	Solvent-Controlled Reversible Self-Assembly of Amphiphilic Diblock Copolymer Confined in Nanopores 陳柏辰 (國立陽明交通大學)
P2-A-09	濕潤環境中可控動態摩擦的皺摺化仿生結構設計 Hzin-Yi Chou (國立中興大學)
P2-A-10	效能挑戰與新思維驅動下的高分子太陽能電池研究 田宗陞 (國立臺灣大學)
P2-A-11	Novel Room-Temperature Phosphorescent Materials for High-Performance Floating Gate Memories and Synaptic Transistor Applications 黃品瑄 (國立臺灣大學)
P2-A-12	Asymmetry-Driven Topological Chain Distortions Enable Stretchable Polymer Semiconductors and Their Applications in Organic Photodiodes 洪資茗 (國立雲林科技大學)
P2-A-13	Hydrogel-based Matrix with Silver Nanowires Coating for Stabilizing Inorganic Photocatalyst to Enhance Photoelectrochemical Water Splitting 黎秉衡 (國立清華大學)
P2-A-14	冠醚基聚碳酸丙烯酯與芳綸奈米纖維骨架的複合電解質用於全固態鋰硫電池 鄭中璋 (國立中山大學)
P2-A-15	Studies on Polyimide Containing Benzimidazole in Main Chain and Application in Lithium-Ion Battery Separator 賴昱翔 (國立雲林科技大學)
P2-A-16	交聯溫度對 TiO ₂ /PDMS 膜氣體分離效能及光催化還原空氣中二氧化碳生成甲烷產率之影響 張懷哲 (國立臺灣科技大學)
P2-A-17	Main-chain engineering of polymer photocatalysts with oxidation-tuning sulfur segments for enhanced active site density for photocatalytic hydrogen evolution 黃則傳 (國立清華大學)
P2-A-18	Structure and Phase Transition Behavior of High- χ Copolymers in the Oligomeric Regime 黃滄瑄 (國立聯合大學)

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P2-A-19	2D π - π stacking triazine-based covalent organic framework as adsorbent for removing organic pollutants and capturing carbon dioxide 葉冠廷 (國立中山大學)
P2-A-20	光激發共軛高分子在溶劑退火下引起光惰性高分子之移動 蕭品柔 (國立清華大學)
P2-A-21	Explainable AI Platform for Molecular Design and Performance Prediction of Organic Solar Cells 李元方 (國立臺灣大學)
P2-A-22	呈現低臨界有序化之嵌段共聚物與離子液體摻合體之結晶行為及其應用 周玉婷 (國立聯合大學)
P2-A-23	Sulfoxide Functionalized Conjugated Polymers for Perovskite Solar Cell 白承濤 (國立陽明交通大學)
P2-A-24	濕氣對聚苯乙烯之表面形貌影響 張千緯 (國立清華大學)
P2-A-25	Anisotropic Ionic Transport in Polymer Solid Electrolyte 王煜祺 (國立臺灣大學)
P2-A-26	Optimizing Polarity of Conjugated Block Copolymers for Improved Carbon Nanotube Dispersion in Thermoelectric Composites 吳維妮 (國立臺灣大學)
P2-A-27	Tunable Cicada Wing-Inspired Cone-Shaped Structure Arrays for Broadband Antireflection at any Incident Angle on Demand 謝士宣 (國立中興大學)
P2-A-28	Self-Assembly of Serpent coral-Inspired Hierarchical Structures for Heat Dissipation 林筱諺 (國立中興大學)
高分子複合與混成材料	
P2-B-01	聚偏二氟乙烯/帶狀奈米石墨奈米複合材料性質研究與分析 翁君豪 (國立中興大學)
P2-B-02	有機改質鋅鈦層狀雙氫氧化物/順丁烯二酸接枝聚丁烯辛二酸對苯二甲酸酯奈米複合材料之製備與特性分析 陳柏霖 (國立中興大學)
P2-B-03	以稻殼製備聚丁二酸丁二醇酯阻燃複合材料之阻燃性能研究 黃彥菱 (國立勤益科技大學)
P2-B-04	Modulating the structural and mechanical properties of luminescent triple-crosslinked gelatin/alginate hydrogels through lanthanide ions for sensing applications 吳淑櫻 (國立臺灣大學)
P2-B-05	Layered MXene-PVA Films: High-Performance MXene-Based Multi-Responsive Sensors 林霽 (國立陽明交通大學)
P2-B-06	Designing Amphiphilic AAO Membranes by Using UV-Induced Thiol-Yne Chemistry: Fabrication and Potential Applications Po-HsinFan (國立陽明交通大學)
P2-B-07	Luminescent lanthanide-containing alginate/SiO ₂ nanocomposite hydrogels for sensing applications Yu-YunHsu (國立臺灣大學)
P2-B-08	Cyclen mediated in situ growth of ZIF-8 with Interfacial Polymerization membranes for monovalent/divalent salts Separation 孫國元 (中原大學)
P2-B-09	Study on fabrication cellulose triacetate tubular membranes with etched GO/Co (OH) ₂ for oil-water separation 吳向喆 (中原大學)

高分子複合與混成材料	
海報編號	題目與發表作者
P2-B-10	新穎性無鹵生物基海藻酸難燃劑製備及應用於環氧樹脂複合材料之研究 林易蓁 (國立勤益科技大學)
P2-B-11	合成無溶劑反應型聚氨酯黏著劑及其黏貼性質研究 黃柏勳 (國立臺北科技大學)
P2-B-12	透過結合二酮吡咯並吡咯基共軛高分子與鈣鈦礦量子點結合製備高效之光電晶體 吳靖揚 (國立臺北科技大學)
P2-B-13	海藻酸/接枝兩性離子氧化鎳顆粒混合基質薄膜提升有機溶劑脫水之滲透蒸發效能 葉晴鵬 (國立中興大學)
P2-B-14	以乳化聚合法製備改質型黏土/壓克力樹脂奈米複材及其性質探討 葉紹安 (中原大學)
P2-B-15	超高分子量高分子雙嵌段共聚物之奈米微結構缺陷變化之觀測 謝騏陽 (國立中央大學)
P2-B-16	透過電氣漿修飾氧化鎳-聚(9-乙基卡唑)之複合電洞傳輸層以提升鈣鈦礦發光二極體穩定性 徐子明 (國立臺北科技大學)
P2-B-17	以鋅鋁層狀雙氫氧材包覆二氧化矽與聚醚醚酮進行微混練製備新型奈米複材及其性質探討 鄭全均 (中原大學)
P2-B-18	Effect of silicon quantum dots/UiO-66-COOH/cellulose acetate composite membrane for nanofiltration 李基村 (中原大學)
P2-B-19	High-Performance Stretchable Thermoelectric Films Based on Ladder-Type Conjugated Polymer/Carbon Nanotube Composites Blended with SEBS Elastomer 陳翔仁 (國立臺灣大學)
P2-B-20	合成石墨烯量子點與氮摻雜石墨烯量子點複合氧化鋅之研究 陳子涵 (南臺科技大學)
P2-B-21	Molecular Geometry Design Strategies for High zT and Ultra-Low Thermal Conductivity in Thermoelectric Nanohybrids of Conjugated Microporous Polymers/Carbon Nanotubes 馬滋翎 (國立臺灣大學)
P2-B-22	Separation of Mono-/Di-valent Salt Mixtures by Oxidized MoS ₂ Nanosheets/ Tannic Acid Membranes 黃致翔 (中原大學)
P2-B-23	尺寸受限之 MXene 奈米片應用於自供能永續智慧紡織品與其對環境修復之協同效應 王郁辰 (國立臺北科技大學)
P2-B-24	以低熔點 In-Sn-Bi 合金橋接 CNT/AlN 之 PDMS 軟性導熱複合材料 黃偉銘 (國立中山大學)
P2-B-25	Study on the Influence of Modified Metal-Organic Frameworks on the Oil-Water Separation Efficiency of Mixed Matrix Membranes 王筱文 (中原大學)
P2-B-26	聚丙烯酸與二氧化矽顆粒穩定亞穩態球霰石並應用於重金屬吸附 Yi-ShanLai (國立中興大學)
P2-B-27	Analysis of non-isothermal crystallization behaviors in composites composed of aliphatic polyester and polymeric stereocomplex 陳威融 (逢甲大學)
P2-B-28	利用二氧化碳超臨界流體技術製備電活性聚亞醯胺氣凝膠並探討其在氣體感測元件上之應用研究 張行之 (中原大學)
P2-B-29	聚對苯二甲酸乙二酯與聚碳酸酯共聚集架橋之相關研究 郭家宏 (中國文化大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P2-C-01	Thermally Stable Amine-Oxide-Containing Zwitterionic Polymers 應雨樵 (國立陽明交通大學)
P2-C-02	Poly(vinylidene fluoride) Membranes as Blood Filters via Modification with Poly(styrene-co-acrylic acid) Copolymers 施竣鄰 (中原大學)
P2-C-03	新型增強電氣性能之串珠式 HEC/PVA 奈米纖維元件 陳冠宇 (義守大學)
P2-C-04	聚合物點奈米酶以微針緩釋促進毛髮生長之小鼠模式評估 楊景淳 (中國醫藥大學)
P2-C-05	Enhancing Biofouling Resistance of PVDF Membranes via Blending of Amphiphilic Zwitterionic Copolymers 林方程 (中原大學)
P2-C-06	Development of low dielectric biobased polyester with dimer diol 李玉瓊 (國立臺灣大學)
P2-C-07	靜電紡絲製備甲殼素或殼聚醣/PCL 奈米纖維之研究 吳哲毅 (義守大學)
P2-C-08	Enhancing Antifouling Property of Zwitterionic Vapor-Induced Phase Separation Fabricated Polyvinylidene Fluoride Membranes Blended with Maleic Anhydride 廖漢霖 (中原大學)
P2-C-09	Development of CO₂-responsive supramolecular drug carrier system for potential application in anticancer treatment 戚庭禎 (國立臺灣科技大學)
P2-C-10	Symmetry-Driven Decoupling of Carrier Mobility and Mechanical Properties in Polymer Semiconductors 康仲傑 (國立雲林科技大學)
P2-C-11	水溶性木質素應用於環保樹脂製備及性質研究 白京陵 (國立清華大學)
P2-C-12	Preparation of Degradable and Closed-Loop Recyclable Polyacetal Systems Derived from Waste Polycarbonate 陳彥中 (國立中興大學)
P2-C-13	Enhancing Blood Compatibility of Polypropylene Membranes via Zwitterionic Interpenetrating Networks for Leukocyte Removal in Blood 蕭勝中 (中原大學)
P2-C-14	Leukocyte Enrichment using a Thermo-Responsive Polypropylene Membrane 簡熏銘 (中原大學)
P2-C-15	Investigation of Poly(ester imide) Polymerization Methods and Their Thermal-Mechanical and Dielectric Properties 康乃文 (國立臺灣大學)
P2-C-16	添加 PVA 與不同種類保濕劑之 O/W 型乳液安定性探討 蔡燕鈴 (萬能科技大學)
P2-C-17	Temperature-responsive polymer hydrogel Poly(acrylic acid-b-N-isopropylacrylamide) grafted with Di(picolyl)amine (DPA) for the removal of various heavy metals from wastewater. 林芙溶 (國立臺北科技大學)
P2-C-18	Design and Characterization of Thermoresponsive Copolymer Structures: A Comparative Study of Block and Random Copolymers Crosslinked with Chitosan via Schiff Base Reactions 呂致緯 (國立臺北科技大學)
P2-C-19	Facile Preparation of pH-Responsive Coatings with Epoxy and Tertiary-Amine Polymer Blends 卓聖傑 (逢甲大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P2-C-20	以非溶劑誘導相分離法製作醋酸纖維素過濾薄膜 賴泳瑜 (淡江大學)
P2-C-21	雷射點陣微孔結合生物活性聚合物碳點於誘導小鼠毛囊再生修復 蘇奕瑄 (中國醫藥大學)
P2-C-22	Conjugated Polymer-based Photocatalysts for Enhanced Organic Dye Degradation Under Visible Light 張善羽 (南臺科技大學)
P2-C-23	低溫及常壓電漿處理於醫用不鏽鋼並接枝感溫性水膠吸附稀土鏷之抗菌性能研究 葉芷芸 (淡江大學)
P2-C-24	Investigation of Inter- and Intramolecular Hydrogen Bonding in CO ₂ -Copolymerized Propylene Oxide and Glycidyl Ethers Blended with PVPh 余旻蓁 (國立中山大學)
P2-C-25	Development of Nitrogen-Doped Carbon Quantum Dots Fluorescent Sensors for Cost-Effective Copper Ion Detection in Water 湯宏彥 (南臺科技大學)
P2-C-26	Nucleic Acid-Based Nanomaterial for Targeted Antibacterial Therapy 張耘瑄 (國立成功大學)
P2-C-27	Optimized Carbon Spacing in 4-Vinylpyridine Carboxybetaine Structures for Amphiphilic Antifouling Applications 尹姿云 (中原大學)
P2-C-28	Preparation of tannic acid-loaded oxidized alginate hydrogels and their therapeutic potential in wound healing 王柏竣 (元智大學)
P2-C-29	Synthesis, self-assembly and fluorescence sensing properties of NIPAm-based thermo-responsive polymers containing diketopyrrolopyrrole groups through RAFT polymerization and Heck reaction 鄭廷柔 (元智大學)
P2-C-30	Hydrogen-bonded cytosine-endowed supramolecular polymeric nanogels: Highly efficient cancer cell targeting and enhanced therapeutic efficacy 謝卉晴 (國立臺灣科技大學)
P2-C-31	RAFT Polymerization for the Synthesis of Block Copolymers and Investigation of Intra- and Intermolecular Interactions 邱玉君 (國立中山大學)
P2-C-32	Feasibility of Platelet Concentration by using Forward Osmosis with Zwitterionic Membranes 徐葦婷 (中原大學)
高分子加工與纖維紡織	
P2-D-01	Concentration-Induced Structural Modulation in PMMA/C60 Complex Fibers and Vapochromic Sensing 曾文棕 (國立臺北科技大學)
P2-D-02	Enhance curing time with gel effect to synthesize high molecular weight PMMA gel 黃威翰 (國立成功大學)
P2-D-03	Fabrication of Double-sided Perforated Polymer Membrane by Water Vapor Induced Phase Separation Method 詹淇羚 (國立臺灣大學)
P2-D-04	Development and Performance Study of Electrospun Materials from Renewable Resource-Based Biodegradable Polymers 曾琿鎮 (淡江大學)
P2-D-05	Studies on the application environmentally friendly lightweight composite materials in cables 洪若淮 (國立雲林科技大學)

高分子加工與纖維紡織	
海報編號	題目與發表作者
P2-D-06	廢輪胎經化學解聚製成無惡臭再生橡膠技術開發計畫 吳耀祖 (工業技術研究院)
P2-D-07	Preparation of Hot-Melt Pressure-Sensitive Adhesive Utilizing Synthetic Biomass Low-Melting Copolyamide Elastomer with Rosin and Additive Compounds 林尹宣 (國立臺北科技大學)
P2-D-08	Tailoring the Molecular Weight of PSS for the Stretchable Wet-Spun PEDOT:PSS Conductive Fibers 胡杰東 (國立臺北科技大學)
P2-D-09	Leveraging ASE for Advanced Nonvolatile Memory: Optical Enhancement with Electrospun Nanofibers in Photonic OFETs 施昕豪 (國立臺灣大學)
P2-D-10	同步輻射 X 光散射技術於聚芳酯液晶高分子纖維之微結構分析 周哲民 (財團法人國家同步輻射研究中心)
P2-D-11	以不同二羧酸長度之共聚醯胺製備低熔點熱熔紗性質分析 顏亦秀 (國立臺北科技大學)
P2-D-12	Development of a Novel Bio-Based Poly(ester amide) System 謝在方 (國立臺北科技大學)
P2-D-13	Polyethylene Based Formulation Blending Study for Biaxial Stretching Film in Packaging Application 陳鍵誼 (工業技術研究院)
P2-D-14	Sapphirina-Inspired Shape Memory Photonic Crystals for Munker-White Illusion 陳亭婷 (國立中興大學)
P2-D-15	Alkaline Surface Treatment and Elastic Polymer Protective Layer for Enhancing Conductive Fiber Strain Sensors 黃柏均 (國立中正大學)
P2-D-16	基於 2,5-呋喃二甲酸與不同鏈長的二元醇合成生質聚酯纖維 王曉淇 (國立臺北科技大學)
P2-D-17	高穩定水性透濕型聚氨酯合成與其性能研究 劉家豪 (工業技術研究院)
P2-D-18	Parallel Micro- and Meso-Phase Transitions of Thermoplastic Polyurethane Induced by Thermal Annealing 李昱其 (國立中正大學)
P2-D-19	具抑菌及成骨功能之可生物降解電紡纖維雙層膜用於引導牙齒骨細胞再生 余德耘 (國立中正大學)
P2-D-20	SEBS-MA 與 4-胺基苯二硫化物共混形狀記憶之製備和性質 黃彥焜 (國立宜蘭大學)
P2-D-21	自修復性與柔性之軟性混和奈米纖維電極材料製備及其智慧衣應用 黃俊詠 (國立臺灣科技大學)
P2-D-22	Different Proportions of Human Hair Proteins/Poly(Vinyl Alcohol) Based Electrospinning Nanofibers and The Capability of Particle Filtration 林緯 (國立臺北科技大學)
P2-D-23	Development of Ultra-Stretchable and Flexible Hybrid Electronics for ECG and EMG Applications 李嘉文 (國立臺灣科技大學)
P2-D-24	High Stretchability and Low Electrical Resistivity of Carbon Nanofiber Electrodes for Wearable Smart Textiles 歐紫安 (國立臺灣科技大學)
P2-D-25	核殼奈米銀/奈米碳基混成材料@熱塑性聚氨酯奈米纖維電極及其智慧衣應用 張晴惠 (國立臺灣科技大學)

高分子加工與纖維紡織	
海報編號	題目與發表作者
P2-D-26	Multifunctional Electrospun Nanocomposite Fibers for the Detection of Various Biomarkers in Exhaled Breath 謝定宏 (長庚大學)
P2-D-27	3-氯-N,N-二(2-羥基乙基)苯胺衍生分散性染料於超臨界二氧化碳可染性之探討 游柏泓 (亞東科技大學)
P2-D-28	Effects of Crystal Orientation and Crystallinity on the Mechanical Property of PVA Optical Films 吳瑞宸 (國立中興大學)
P2-D-29	多孔無機材料對聚丙烯纖維染色效應 陳俊穎 (南紡共構中心)
P2-D-30	Sustainable Dyeing of Polyester/Cotton Blend Fabrics Using Cold Plasma and Enzyme Surface Modification in a One-Bath One-Step Process Asnake (明志科技大學)
P2-D-31	生質呋喃共聚酯彈性纖維開發 邱聖元 (國立臺北科技大學)

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P3-A-01	Turing waste into treasure: Waste onion skin becomes high-sensing triboelectric nanogenerator 張博彥 (國立臺灣大學)
P3-A-02	探討 PTFE 基陰離子交換膜在鹼性電解水應用中的性能研究 張繼旻 (國立聯合大學)
P3-A-03	Complex Spherical Phase of the Binary Blends of Sugar-based Block Co-oligomers 鄭宇宏 (國立清華大學)
P3-A-04	Covalent organic framework-incorporated MAPbI₃ for inverted perovskite solar cells with enhanced efficiency and stability 劉若穎 (國立中興大學)
P3-A-05	Green Approaches in Manufacturing Polyimides: From Eugenol Based Monomers to Crosslinked Polyimides with Low Dielectric Properties Utilizing γ-Valerolactone as Solvent 趙道中 (國立陽明交通大學)
P3-A-06	Multi-level Nonvolatile Transistor Memory with Optical Rewritability Utilizing Reverse-Bias P-N Junction of Oriented Rod-Like Organic Molecules 林以撒 (國立臺灣大學)
P3-A-07	Study on the Side-Chain Engineering to Prepare Non-Fullerene Acceptors for Polymer Solar Cell Applications 孟令桓 (國立陽明交通大學)
P3-A-08	Co/Cu Bimetallic MOFs Embedded Polymer Electret for OFET Memory 陳奕涵 (國立臺灣科技大學)
P3-A-09	Zn-6mna MOF Embedded Thin-film Polymer Electret in OFET Memory 周紀騰 (國立臺灣師範大學)
P3-A-10	Emergence of Frank-Kasper σ phase in conformationally asymmetric poly(ethylene oxide)-α-block-polyisoprene 黃子恩 (國立清華大學)
P3-A-11	Designing High-Efficiency Photocatalysts—Insights from a Photo-Assisted Kelvin Probe Force Microscopy Study 張家茂 (長庚大學)
P3-A-12	Strategic Passivation of Perovskite Layer Interfaces Using Multiple Functional Groups to Enhance Photovoltaic Performance 林泓昌 (長庚大學)
P3-A-13	Morphologies of Surface Perforations and Parallel Cylinders Coexisting in Terraced Films of Block Copolymer/Homopolymer Blends with Oxygen Plasma Etching 林芳平 (國立成功大學)
P3-A-14	Epitaxial Growth of Surface Perforations on Parallel Cylinders in Terraced Films of Block Copolymer/Homopolymer Blends 李旭淳 (國立成功大學)
P3-A-15	以球磨法和溶熱法合成 TPMA COF 之比較 葉秉樺 (逢甲大學)
P3-A-16	Enhanced photovoltaic properties of perovskite solar cells by addition of cellulose nanocrystals into photoactive layer 劉沛呈 (國立中興大學)
P3-A-17	Co-Assembly of Lead Bromide Complexes with Polystyrene-block Poly(ethylene oxide): Impact on Crystallization and Photoluminescence Performance of Methylammonium Lead Bromide Nanocubes 劉家良 (國立成功大學)

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P3-A-18	Synergistic combination of polydopamine and polypyrrole in natural pectin/PVA-based freestanding electrodes for high-performance supercapacitors <i>陳芄韜 (國立中興大學)</i>
P3-A-19	Metallosalen-Based Conjugated Microporous Polymers for Enhanced Oxygen Evolution Reaction <i>張偉宣 (國立中山大學)</i>
P3-A-20	In Situ Thermal Polymerized Electrolytes Based on Anion-Trapping Boron Moieties for Lithium-Ion Batteries <i>楊大慶 (國立成功大學)</i>
P3-A-21	Redox-stable and Electrochromic Poly(amide-imide)s with N,N,N',N'-Tetraphenyl-p-phenylenediamine Units <i>黃柏惟 (國立臺北科技大學)</i>
P3-A-22	Quasi-Solid Polymer Electrolytes Based on UV-Crosslinkable Poly(ethylene oxide) graft Copolymers for Lithium-Ion Batteries <i>徐慈敏 (國立臺灣大學)</i>
P3-A-23	Novel Solution and Thin-Film Features of Thermoplastic Polyurethane <i>張易筌 (國立中正大學)</i>
P3-A-24	Exploring Ordered Structures by Varying Symmetric Interaction Parameters of Non-Frustrated ABCBA Linear Pentablock Terpolymers in the Melt <i>劉軒宏 (國家環境研究院)</i>
P3-A-25	Effect of Linker Structure on the Self-Assembly Behavior of Glucose-Tocopherol Block Oligomer <i>郭玲禎 (國立清華大學)</i>
P3-A-26	The Origin of the Hexagonal Close-packed Phase of Block Copolymer Melt <i>宋易先 (國立清華大學)</i>
P3-A-27	Preparation of Flexible Polymer Solid Electrolytes for Lithium-Ion Batteries Using crosslinking Rubber <i>吳冠翰 (國立臺灣科技大學)</i>
P3-A-28	Polystyrene-block-(polyisoprene-graft-poly(ethylene oxide)) Diblock Copolymers for Solid Polymer Electrolytes in Lithium Metal Batteries <i>陳俊堯 (國立臺灣大學)</i>
P3-A-29	通過原位生長製備含鈷單原子催化劑的碳化芳綸奈米纖維作為多功能夾層，用於提升鋰硫電池的電化學性能 <i>陳彥璋 (國立中山大學)</i>
高分子複合與混成材料	
P3-B-01	基於稻殼改性纖維素導電複合水凝膠之應用 <i>林軒楷 (義守大學)</i>
P3-B-02	Development of Dual Self-Healing and Environmentally Friendly Bio-Based Polyurethane Materials <i>唐明圖 (國立臺北科技大學)</i>
P3-B-03	尼龍 6 與聚酯混合再解聚合成熱塑性聚氨酯之相關研究 <i>李玟儒 (中國文化大學)</i>
P3-B-04	使用生物基原料開發環境友善型聚醯胺彈性體材料 <i>李睿濠 (國立臺北科技大學)</i>
P3-B-05	於不同氣體環境下進行高溫鍛燒 Fe-MOF MIL-88B 以製備三氧化二鐵及四氧化三鐵並探討此兩種材料在氣體感測元件應用上之比較性研究 <i>陳泓羽 (中原大學)</i>
P3-B-06	Study of a novel molecular layer deposition chemistry for depositing ZnO-zincene hybrid superlattices as thermoelectric thin films <i>張蕤柔 (國立臺灣大學)</i>

高分子複合與混成材料	
海報編號	題目與發表作者
P3-B-07	Thermoelectric performance of the thieno[3,2-b]thiophene-based small molecules and single-walled carbon nanotube nanocomposite films 劉育銓 (國立臺灣大學)
P3-B-08	Chitosan-Modified Ammonium Polyphosphate and Cellulose Acetate Propionate for Enhancing Toughness and Flame Retardancy of Polybutylene Succinate 王浩宇 (國立臺北科技大學)
P3-B-09	Discussion on the Light-Induced Surface Behavior of Nucleobase Polymer Containing the Trifluoromethoxy Group 林鼎泰 (國立高雄科技大學)
P3-B-10	Polymeric ionic Liquid-Functionalized Aramid Nanofiber as Nanodispersion Agents for Fabrication of Polyethylene Oxide/Boron Nitride Nanosheet Composite Polymer Electrolytes 蔡靜紋 (國立中山大學)
P3-B-11	One-Step Fabrication of Janus Cu/ANF/BNNS Composite Separator for High Performance Lithium-Sulfur Battery 方辰羽 (國立中山大學)
P3-B-12	Electrical Double-Layer Transistors Comprising Block Copolymer Electrolytes for Low-Power-Consumption Photodetectors 林泓安 (國立臺灣科技大學)
P3-B-13	Polyimide (PI)/Polymeric Ionic Liquid (PIL) Composite Separators for Lithium-Sulfur Batteries 涂馨云 (國立中山大學)
P3-B-14	Fabrication of High-Thermal-Conductivity Aramid Nanofiber/Epoxy Composites via Silver Nanoparticle-Coated Boron Nitride Nanosheet Sintering 許庭瑋 (國立中山大學)
P3-B-15	尼龍 66 之解聚與再聚合相關研究 留瑜婕 (中國文化大學)
P3-B-16	機器學習高分子玻璃化轉變溫度 管宇翔 (中國文化大學)
P3-B-17	Synthesis of Aryl-imidazolium Ionic Liquid-Integrated MOF Grafted Polyaniline Mixed-Matrix Tubular Membrane for Photocatalytic Water Splitting Hydrogen Evolution 游仁宏 (中原大學)
P3-B-18	Synthesis of Ether-bridged Dicationic Ionic Liquids-Integrated MOF Grafted Polyaniline Membrane via Interfacial Polymerization for Photocatalytic Hydrogen Evolution from Water Splitting 李安婕 (中原大學)
P3-B-19	金屬離子結合氧化石墨烯自組裝氣體分離薄膜之研究 李芳綺 (國立臺灣科技大學)
P3-B-20	The preparation of sulfonated PVA/MOF mixed matrix membranes for dehydration of n-butanol mixtures 張恩博 (中原大學)
P3-B-21	開發 P3HT/MWCNT 電磁干擾屏蔽複合材料 賴聚瑋 (國立臺北科技大學)
P3-B-22	Toughening Self-Healable and Recyclable PDMS Supramolecular Elastomer through End-Capping Agent Crosslinked by Metallic Salt 賴柔含 (國立清華大學)
P3-B-23	Tetravalent Metal-Driven Metal-Ligand Coordination for Enhanced Chemical Resistance in Self-Healing Elastomers 陳亦安 (國立清華大學)
P3-B-24	聚苯胺/碳材/鈇摻雜二氧化錫複合材料在室溫下對三甲基胺感測性能分析 劉佩宜 (國立中興大學)

高分子複合與混成材料	
海報編號	題目與發表作者
P3-B-25	Crystallization Kinetics of Ternary Biodegradable Polymer Poly(L-lactic Acid) Composites Containing Polylactide Inclusion Complex 郭凡瑀 (逢甲大學)
P3-B-26	Design and Synthesis of Functional Polycarbonates as Polymer Electrolytes for Lithium-Sulfur Battery Separators 莊淑清 (國立中山大學)
P3-B-27	聚吡咯/椰殼活性碳複合材料之特性及電化學分析 楊雨臻 (國立中興大學)
P3-B-28	GOQDs@g-C₃N₄/PSF 混合基質奈米過濾薄膜之研究 蕭峻逸 (國立臺灣科技大學)
P3-B-29	Effect of sulfobetaine dopamine nanoparticles on the pervaporation performance of polyamide/polyethersulfone nanocomposite membrane 黃浩 (中原大學)
高分子化學與綠色及生醫應用	
P3-C-01	回收塑膠製備水性高分子分散劑 林政凱 (台灣中油股份有限公司)
P3-C-02	Fabrication of Anti-Inflammatory Hydrogels Based on Natural Nucleic Acid Hybrid Nanogels 羅翊瑄 (國立成功大學)
P3-C-03	Design and Synthesis of Dynamic Recyclable Polyimides for High-Performance and Sustainable Applications 林宥彤 (國立清華大學)
P3-C-04	Ultrasonic Spray PEGylation on Various Surfaces for Biofouling Prevention on Biomedical Interfaces 李欣容 (中原大學)
P3-C-05	Synthesis and characterization of multi-stimuli-responsive hydrogels containing N,N'-bis(acryloyl)cystamine segments 林子竣 (元智大學)
P3-C-06	抗生物沾黏雙交聯網絡兩性離子修飾二氧化碳共聚聚碳酸酯水凝膠應用於預防傷口二次傷害 劉玉華 (國立中山大學)
P3-C-07	具有黏膜黏附功能之聚乳酸高分子合成及其於藥物載體之應用 莊浩承 (國立中山大學)
P3-C-08	Hydrogelation of linear poly(L-lysine)-block-poly(L-serine) block copolypeptides 游雅筑 (國立成功大學)
P3-C-09	胺類化合物開環改質環狀碳酸酯對聚合物側鏈物性之研究 黃翊誠 (南臺科技大學)
P3-C-10	A Comprehensive Investigation into the Correlation between Novel Pyrazine-Type Organic Redox Couples and Thermoelectric Performance for Wearable Thermoelectric Harvesters 劉子禎 (國立臺灣大學)
P3-C-11	Effects of water/ethanol solvent ratios and polyethylene glycol(PEG) on the morphology of SnO₂ nanorods 江恆齊 (逢甲大學)
P3-C-12	Hydrogels with Dual-Network Cross-Linking Formed by Dynamic Schiff Base Self-Assembly: Featuring Antibacterial Properties and Self-Healing Ability Chia-Chi Lin (國立臺北科技大學)
P3-C-13	The Effect of Photocatalysis on the Blood Cell Attachment of Various Plasma Protein Immobilized Polystyrene Poly(styrene) Surfaces 顏子翔 (中原大學)
P3-C-14	Multifunctional Properties of PU/rGO/PDA/ZnO Nanocomposite: Enhanced Piezoelectric and Antibacterial Applications 郭家翰 (國立臺北科技大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P3-C-15	Carbon-Sequestering Thermoelectric Devices from Waste-Derived Biomimetic Spider Silk 許志瑋 (國立臺灣大學)
P3-C-16	以綠色製程製備雙重藥物載體用以誘導抗藥性肺癌細胞死亡作用 陳柏堯 (中國醫藥大學)
P3-C-17	探討銀奈米粒子感溫性水膠在常壓電漿與 UV 光下生成之差異與性質分析 詹鎮鴻 (淡江大學)
P3-C-18	Structure-Property Investigation of Chitosan Self-Healing Nanoengineered Hydrogel with Micellar Architecture for Bioprinting 林世和 (國立臺灣大學)
P3-C-19	Robust and Self-healing Polyurethane via Dynamic Disulfide for Stretchable Flexible Sensor 溫璿慈 (國立臺灣大學)
P3-C-20	Self-Assembly of Slender Springtail-Inspired Hierarchical Structures for Superhydrophobic/Self-Cleaning Coatings 薛湘雯 (國立中興大學)
P3-C-21	Self-Assembly of Rove beetle-Inspired Hierarchical Structure Arrays for Reversible Adhesion on Rough Surfaces 葉思宜 (國立中興大學)
P3-C-22	藥物釋放型可降解抗脫垂支架之研究 郭藝華 (長庚大學)
P3-C-23	Antibacterial food package materials synthesized from polyvinyl alcohol/natural aromatic aldehydes polymeric films 楊景欽 (國立成功大學)
P3-C-24	通用人工智慧技術矩陣分析-以專利為例 張旭銘 (台鋼科技大學)
P3-C-25	Characterization and Antioxidant Evaluation of Sulfur-contained Polymer Dots/Gold Nanoclusters 李亞昀 (中國醫藥大學)
P3-C-26	水溶性二氧化碳基質聚碳酸酯與可降解型高分子交聯劑水凝膠之製備及其機械性質與抗菌性質研究 柯姣欣 (國立中山大學)
P3-C-27	Sustainable Transformation of CO₂: Exploring Bio-Based Pathways for Emission Reduction and Resource Utilization 羅彥閔 (國立中山大學)
P3-C-28	以懸浮聚合法製備多孔樹脂微球及其性質研究 陳建樺 (工業技術研究院)
P3-C-29	Efficient Technology For Removing Dye Pollution Using Conjugated Microporous Polymers 陳瑩鴻 (國立中山大學)
P3-C-30	Applications of heat-shrinkable material films in immune biosensing 陳品蓁 (國立中正大學)
P3-C-31	Modifying nylon textiles with poly sulfobetaine acrylamide to obtain bioseparation capabilities and impart anti-biofouling properties 吳姝瑤 (國立中正大學)
P3-C-32	環己烷骨架之脂環族二酸酐合成與其衍生之聚醯亞胺結構對介電特性影響研究 沈彥蓁 (國立臺灣科技大學)
P3-C-33	單一掌性聚環氧丙烷/聚苯乙烯雙嵌段共聚物之自組裝行為探討 江佳穎 (國立中正大學)
P3-C-34	以 UV 光接枝次微米幾丁聚醣-丙烯酸-玉米醇溶蛋白功能性水膠之製備與性質探討 柯品唯 (淡江大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P3-C-35	Enhanced Toughness and Healability in Dual-Responsive Liquid Crystal Elastomers by Integrating Azo-Functionalized Polythiourethanes and Polysiloxanes with Mechanically Interlocked Molecules for Advanced Soft Actuator Applications 簡子為 (國立陽明交通大學)
P3-C-36	Anion Exchange Hydrogel Membranes with Tunable Properties for Acid Recovery via Diffusion Dialysis 高文恩 (元智大學)
P3-C-37	Anion Exchange Membranes based on Crosslinked Polystyrene-block-Polyisoprene using Novel Hydroxide Conductive bicyclic Crosslinkers 陳昱達 (國立臺灣大學)
P3-C-38	製備具有陽離子之奈米載體對糖尿病患者眼部及傷口治療之探討 劉忠諺 (國立中山大學)
P3-C-39	Effects of Lecithin on Micellization and Gelation Properties of Amphiphilic Block Copolymers 胡若云 (元智大學)
P3-C-40	Effects of Cationic Group and Diluent on Hydrogel Network Structure and Curcumin Release Di-Hong Xu (元智大學)
P3-C-41	Selective and Sensitive Detection of Fe ³⁺ and Cr ²⁺ Ions Using a Orange-Emissive Fluorescent Material Based on Conjugated Microporous Polymer 吳嘉羚 (國立中山大學)
P3-C-42	光固化 3D 列印 Vitrimer 高分子材料合成及配方開發 游竹淋 (國立臺灣大學)
P3-C-43	Synthesis and Sol-gel Transition Behaviors of PBL-PEG Amphiphilic Copolymers with Various Hydrophilic/Hydrophobic Ratios 溫文菱 (元智大學)
P3-C-44	Behaviors of Micelles and Thermal Gels of PBL-PEG/Laponite Nanocomposites 游芝蓉 (元智大學)
P3-C-45	Development of Heparin-Modified Agarose Microspheres for the Isolation of Exosomes in Acute Myocardial Infarction 莊舜皓 (國立臺灣科技大學)
P3-C-46	pH-sensing Organic Field-Effect Transistor with Polymeric Sensing Layers Based on Zwitterionic Polymers 陳冠榮 (國立臺灣科技大學)
P3-C-47	Semiaromatic Polyimides with Alicyclic Dianhydride for Low Dielectric Properties at High Frequencies of 20, 35, 50 GHz 劉宜旻 (國立臺灣科技大學)
P3-C-48	Carbon-Based Nanomaterials/P(VDF-TrFE) Piezoelectric Composite Films for Seismocardiography Sensor Applications 葉張緯 (國立臺灣科技大學)
P3-C-49	Sustainable and Simple Approach for Designing Asymmetric Hybrid Coatings via Chemical Vapor Deposition 陳眉婷 (國立臺灣大學)
P3-C-50	Research on the preparation of controlled release anti-mosquito microcapsules 楊國明 (正修科技大學)
P3-C-51	Development of a Green Process for Superhydrophobic Coatings via Chemical Vapor Deposition (CVD) 石滢瑄 (國立臺灣大學)
P3-C-52	Facile Fabrication of Triangular Gold Nanoplates/Nano Mica Platelets Hybrid Material for Surface-Enhanced Raman Spectroscopy with Rapid Biological Detection 高珮真 (國立臺灣科技大學)
P3-C-53	Enhanced Brain-Targeted Drug Delivery: Thermosensitive Nanogels with Improved Mechanical Properties 廖丞漢 (國立臺灣科技大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P3-C-54	當歸萃取液微脂體的製備和其經皮吸收應用 <i>陳漢荃 (國立高雄大學)</i>
P3-C-55	合成聚多巴胺/海藻酸之微流道繞射晶片於雷射免染色技術與釋放大腸癌循環腫瘤細胞研究 <i>周宗佑 (國立臺灣科技大學)</i>
P3-C-56	A Catalyst-free Chemical Recycling of Polycarbonate for the Synthesis of Polyurethane <i>楊竣宇 (國立臺灣大學)</i>

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P4-A-01	基於二噻吩并吡咯噻吩 (DTPT) 的受體材料作為三元有機太陽能電池之第三成分並有效控制分子排列以提升元件性能 呂丞傑 (明志科技大學)
P4-A-02	Interpenetrate Polymer Network Comprised of Sulfonated Chitosan and Polyrotaxane and the Application in Artificial Solid Electrolyte Interphase (A-SEI) for the Anode in Lithium-ion Batteries 婁家愷 (國立臺灣大學)
P4-A-03	The mechanism of the electrical effects of Quaternary Ammonium Organosilane on the organic semiconductor layer 張茹寧 (國立臺灣科技大學)
P4-A-04	Unveiling High-Frequency Dielectric Loss in Polyimide via Molecular Dynamics Simulation 蘇威儒 (國立臺灣科技大學)
P4-A-05	使用基於二環戊二噻吩的非富勒烯受體做為第三組分以提升三元有機光伏性能 鄭義翰 (明志科技大學)
P4-A-06	石墨烯奈米片與氮化硼對於熱塑性聚氨酯複合織物熱傳導率之影響及其智能降溫服裝之應用 孫三合 (國立臺灣科技大學)
P4-A-07	以靜電紡絲製備還原氧化石墨烯/聚偏二氟乙烯奈米纖維膜及其應用於高效壓電性能與人體運動監測 陳建勳 (國立臺灣科技大學)
P4-A-08	Accessing the Laves Phase of Block Copolymer/Homopolymer Blend via Thermal Processing 蔡佳霓 (國立清華大學)
P4-A-09	Synthesis and Electrochromic Properties of Poly(amide-imide)s with N,N,N',N'-Tetraphenylbenzidine Moieties 阮瀨萱 (國立臺北科技大學)
P4-A-10	Determination of gel temperature and spinodal temperature of PNIPAM macroscopic gels 田英志 (國立成功大學)
P4-A-11	Developing computational protocols for modeling charge transport in amorphous polymeric systems 洪瑞澤 (國立清華大學)
P4-A-12	Aramid Nanofiber Membranes Modified with Organic Silicon (Organic Titanium) for Lithium-Sulfur Batteries 吳佳怡 (國立中山大學)
P4-A-13	Composite Interlayers Utilizing Metal-Organic Frameworks and Aramid Nanofibers for Lithium-Sulfur Batteries 林中信 (國立中山大學)
P4-A-14	Development and Application of Functional Mesoporous Silica Interlayer Materials for Lithium-Sulfur Batteries 楊舒婷 (國立中山大學)
P4-A-15	銅配位纖維素奈米晶體增強聚環氧乙烷/聚碳酸丙烯酯基複合電解質用於全固態鋰硫電池 林群益 (國立中山大學)
P4-A-16	A poly(diallyl dimethylammonium chloride) functionalized aramid nanofiber as a new dispersing agent for stabilizing hybrid solid-state Li ion conductor 郭芷婷 (國立中山大學)
P4-A-17	共押出壓克力感壓膠/聚丙烯上光膠帶之研究 許家維 (國立臺灣科技大學)
P4-A-18	Photoreduction of CO ₂ Based on Conjugated Copolymers of Aniline and 3,4-Ethylenedioxythiophene 邱柏勳 (國立臺灣大學)

高分子物理與光電及能源應用	
海報編號	題目與發表作者
P4-A-19	奈米碳材料/聚二甲基矽氧烷熱電複合材料製備及其奈米發電機之應用 何書銘 (國立臺灣科技大學)
P4-A-20	Thermally-induced distortion of the hexagonal close-packed (HCP) lattice of block copolymer micelles 士艾登 (國立清華大學)
P4-A-21	Enhanced alkaline water electrolysis performance of anion exchange membranes via molecular level structural modifications using atomic layer deposition 蔡宗廷 (國立臺灣大學)
P4-A-22	使用非鹵素溶劑製造的高效能有機光伏電池展現出接近商業化應用的潛力 黃子釅 (明志科技大學)
P4-A-23	Thioether-Substituted Carbazole-Based Phosphonic Acids as Hole-Transporting Materials for Inverted Tin Perovskite Solar Cells 林海納 (國立陽明交通大學)
P4-A-24	Enhancing Transistor Memory Photoresponse Using Perovskite Nanocrystals and Polyamic Acid in Floating-Gate Layers You-Wei Cao(明志科技大學)
P4-A-25	Frank-Kasper and Quasicrystalline Phases in Sugar-Based Block Oligomers Modulated by Glycosidic Linkage 張庭維 (國立清華大學)
P4-A-26	Fabrication of Face-Centered Cubic Spheres in Block Copolymer/Nanoparticle Nanocomposites 林琨洺 (國立中興大學)
P4-A-27	Fabrication of Supramolecular Functional Azopolymer Surface Grating for Optical Sensor 王典舜 (國立高雄科技大學)
P4-A-28	Latex Emulsion as Anode Binder with Ionic Channels for Enhanced Property for Lithium-Ion Batteries 楊品欣 (國立臺灣大學)
高分子複合與混成材料	
P4-B-01	Development of Self-Healing Polyurethane Elastomers Based on Bio-Based Polyol and Disulfide Dynamic Bonding 湯家豪 (國立臺北科技大學)
P4-B-02	Investigating the gelation behavior of gelatin in deep eutectic solvents 龔廷恩 (國立成功大學)
P4-B-03	利用非溶劑誘導相分離法製備膠態高分子電解質 熊紫心 (淡江大學)
P4-B-04	聚醯胺與對苯二甲酸乙二酯共聚之研究 黃子軒 (中國文化大學)
P4-B-05	Vapor Pressure-Responsive Photonic Crystals with Reversibly Tunable Colors for Optical Encryption 季璇 (國立中興大學)
P4-B-06	Antireflective and Impact-Resistant Structures Inspired by Taiwan Rhinoceros Beetles 陳芋諄 (國立中興大學)
P4-B-07	PLA/生物炭複合材料之射出成型融合線強度研究 鍾承儒 (長庚大學)
P4-B-08	石墨稀增強型 PVDF-HFP 微型發電機研究與應用 李博勛 (長庚大學)
P4-B-09	Development and Investigation of Organic/Inorganic Hybrid Coating For Anti-Corrosion Application 蘇奕誠 (國立高雄科技大學)
P4-B-10	Multifunctional Biopolymer-based polyelectrolyte complexes for dye-contaminated emulsion separation 邱婷鈺 (國立臺灣科技大學)

高分子複合與混成材料	
海報編號	題目與發表作者
P4-B-11	Smart conductive MXenegel with high mechanical flexibility and multiplicity applied to wearable physical Sensors Kesavan Manibalan (國立陽明交通大學)
P4-B-12	Engineered Ni, Co-Infused MOF-Derived Catalytic Membrane for Exceptional Photocatalytic Degradation of Organic Dyes 陳詩允 (國立臺灣科技大學)
P4-B-13	導電 PAA-DVB 水凝膠的製備與物性分析 何兆田 (逢甲大學)
P4-B-14	「pH 值」及「親水性改質劑」對黏土於水性樹脂皮膜中的分散性探討及其衍生之複合皮膜在 ACQ 存在下對螺絲的防蝕效果研究 蕭翊萱 (中原大學)
P4-B-15	Fabrication and Performance Regulation of Photoresponsive Network Polymers 洪士荃 (國立中山大學)
P4-B-16	Semiconducting Carbon Nanotubes Demonstrating Photo-Gated Performance in Phototransistor Memory Enabled by N-Type Conjugated Polymer Sorting 董亦軒 (國立成功大學)
P4-B-17	具仿生結構之聚亞醯胺/氧化鋅複合材料之製備、鑑定及其在氣體感測元件上之應用研究 曾惠筠 (中原大學)
P4-B-18	Solvothermal Fabrication of Cellulose Nanofiber-TiO ₂ Hybrid Nanomaterials for Superior Gas Detection Performance 陳星辰 (國立臺北科技大學)
P4-B-19	利用鉑鎳合金氮氣電化學分解製氫研究 范芷瑄 (南臺科技大學)
P4-B-20	Effects of Salt and Methanol Contents on Methylammonium Lead Halide Nanoparticles Formed by Block Copolymer Colloidal Templates 趙柏誠 (國立成功大學)
P4-B-21	聚丁二酸丁二醇酯/熱塑性彈性體摻合體暨奈米複合材料製備與性質鑑定 張修源 (長庚大學)
P4-B-22	添加擴鏈劑及奈米填充劑對聚乳酸/熱塑性聚氨酯摻合體性質與發泡體結構影響之探討 吳鎔羽 (長庚大學)
P4-B-23	Multicomponent porous structures fabricated by vapor sublimation and deposition 曹紀妍 (國立臺灣大學)
P4-B-24	探討有機和無機添加劑對聚醚砜薄膜之影響與應用 張芷寧 (淡江大學)
P4-B-25	Enhancing the Separation Performance of Polyacrylonitrile Ultrafiltration Membranes by Incorporation of Amine-Functionalized Manganese Dioxide 呂庭安 (國立宜蘭大學)
P4-B-26	Recycling of Prepreg Material Research 陳韋任 (朝陽科技大學)
P4-B-27	生質型光固化不飽和聚酯合成與應用 饒芝語 (國立臺北科技大學)
P4-B-28	原位注射微胞-水凝膠複合體負載非諾貝特與辛伐他汀對視網膜細胞保護作用之研究 蘇翊寧 (國立中正大學)
P4-B-29	Silk Fibroin/Spidroin Composite Films with Adjustable Crystallinity and Leaf Surface Microstructures 林信婷 (中原大學)
P4-B-30	High-Extensibility Silk Protein Composites with Leaf-Inspired Surface Microstructures 葉紫妍 (中原大學)
P4-B-31	高熵高分子固態電解質離子遷移之超分子增益行為 吳亭萱 (國立清華大學)

高分子複合與混成材料	
海報編號	題目與發表作者
P4-B-32	Multifunctional Block Copolymer Composite Fillers for Composite Polymer Electrolytes Used in High-Performance Lithium-Sulfur Battery Separators for Polysulfide Catalysis and Trapping 黃威翔 (國立中山大學)
P4-B-33	疊層奈米銀與碳基奈米材料與 PVDF/PU 奈米纖維膜電極及其可穿戴傳感器之應用 柯玟秀 (國立臺灣科技大學)
P4-B-34	The Effect of Peroxide-Activated Curing on the Crosslinking of Silicone Resin 張舒雯 (明志科技大學)
P4-B-35	Electrospinning of polyoxymethylene/1,1,1,3,3,3-hexafluoro-2-propanol solution 蔡琮翔 (國立成功大學)
P4-B-36	Complex Lattice Packing Structures in Oligosaccharide-Polyhedral Oligomeric Silsesquioxanes Block Oligomers 陳泓伸 (國立清華大學)
P4-B-37	Tailored fabrication of biodegradable polymer/ Fe₃O₄ doped WO₃ nano star-based porous membrane with enhanced photo fenton activity for environmental remediation 齊芝雅 (國立臺灣科技大學)
P4-B-38	Liquid Molding Compounds with Ultrahigh Filler Loadings for Wafer-Level Electronic Packaging 胡正迪 (國立臺灣大學)
P4-B-39	不同玻璃纖維補強聚丙烯料與製程方式探討產品特性與纖維配向之研究 陳柏諭 (逢甲大學)
P4-B-40	氣體輔助應用於含纖塑料射出成型特性之研究 翁浩淳 (逢甲大學)
P4-B-41	Mechanical Performance Enhancement of Tire Treads Using Silica with Ultra-High Surface Area 戴恆彥 (國立臺灣大學)
P4-B-42	High-Ductility, High-Temperature Yellowing-Resistant Coatings Based on Silane Containing Hybrid Latex Emulsion 宋佳怡 (國立臺灣大學)
P4-B-43	多功能石墨烯/氮化硼/熱塑性聚氨酯混成薄膜應用於個人式冷氣裝置之智慧服飾 王瑞新 (國立臺灣科技大學)
P4-B-44	The Effect of Platinum Catalysts on the Curing of Silicone Resin 賴宗斌 (明志科技大學)
P4-B-45	Synthesis of core/shell polystyrene/polyaniline/titanium dioxide particles for enhancement of organic dye degradation under alternating current fields 宋子豪 (國立臺灣科技大學)
P4-B-46	Fabrication of Multicomponent Hybrid Coatings Using Vapor Phase Sublimation and Deposition 王惠萱 (國立臺灣大學)
P4-B-47	Main chain type benzoxazine incorporating double-deckered silsesquioxane for high thermal stability electronic packaging material 陳惠雯 (國立中山大學)
P4-B-48	Development of High-Toughness, Self-Healing Energetic Thermoplastic Polyurethane Elastomers for Propellant Applications 林彤煖 (國立中山大學)
P4-B-49	Synthesis of PS-b-PCL₃ Block Copolymers and Observation of Microphase Separation 連韋帆 (國立中山大學)
P4-B-50	表面改質鉛鈦酸鉛/聚偏二氟乙烯-三氟乙烯壓電複合薄膜及其奈米發電機之應用 黎軒瑄 (國立臺灣科技大學)

高分子複合與混成材料	
海報編號	題目與發表作者
P4-B-51	有機/無機奈米混成分散劑穩定奈米銀粒子製備高導電薄膜及其智慧衣感測元件應用 鐘品翰 (國立臺灣科技大學)
P4-B-52	Magnetic-Field Induced Face-Centered Cubic Spheres in Diblock Copolymer/Nanoparticle Nanocomposites 林芷瑤 (國立中興大學)
P4-B-53	有機材料為混成鈣鈦礦太陽能電池之電子傳輸層界面工程探討研究 鄧宏 (明志科技大學)
P4-B-54	通過優化非鹵化溶劑開發的高性能有機太陽能電池 王奮鸞 (明志科技大學)
P4-B-55	以有機小分子修飾電洞傳輸層作為鈍化界面材料於鈣鈦礦太陽能電池中之應用 何建霖 (明志科技大學)
P4-B-56	利用奈米多孔網狀模板合成金屬有機框架 楊子毅 (國立中山大學)
P4-B-57	Hydrogel and Fly Ash Composite as Self-Curing Agent for Cement Mortars 林謙 (國立臺灣大學)
P4-B-58	利用超順磁奈米粒子製備磁場控制黏著力之高分子膠體 郭梁朝威 (國立高雄大學)
高分子化學與綠色及生醫應用	
P4-C-01	Structural Characterization of Curcumin-Loaded Polyurethane Films towards Wound Dressing Applications 鄭元淇 (國立中興大學)
P4-C-02	Improved Stretchabilities and Toughnesses of Force-Induced Ratiometric Mechano-Fluorescent Switching Polyurethane Elastomers by Daisy Chain Backbones 名羅德成 (國立陽明交通大學)
P4-C-03	低溫電漿沉積有機錫薄膜及 UV 光接枝聚乙二醇基底高分子水膠之葡萄糖生物感測器特性研究 吳沛宸 (淡江大學)
P4-C-04	Green Chemistry-Based Superhydrophobic Coatings with Nano and Micro SiO ₂ for Enhanced Anti-Fouling and Anti-Corrosion Properties 周廷冠 (國立臺灣科技大學)
P4-C-05	Developing 3D-Printed Small-Diameter Vascular Grafts for Blood Vascular Regeneration 黃丹那 (國立清華大學)
P4-C-06	Study of Crosslinking Strategies for Poly(glycerol maleate) 沈紫葳 (國立清華大學)
P4-C-07	茂金屬觸媒應用於製備逆共聚單體分布聚乙烯 李振愷 (國立中正大學)
P4-C-08	Study on the Preparation of Keratin/Cellulose-Polyacrylamide Composite Hydrogel with Enhanced Mechanical Properties and Selective Dye Adsorption Performance 林玟珊 (國立臺北科技大學)
P4-C-09	Application of Carbazole-based Conjugated Polymers on Light-driven Hydrogen Evolution Reaction 葉仔捷 (國立臺灣大學)
P4-C-10	Development of Conjugated Polymer dots with NIR-II Fluorescence and Photocatalytic Hydrogen Production for In Situ Hydrogen-Photothermal Therapy of Glioblastoma 莊英讓 (國立清華大學)
P4-C-11	以活性開環複分解製備含剛性及軟性嵌段之聚降冰片烯三團塊共聚物及其應用 蔡柏璿 (國立臺灣科技大學)
P4-C-12	Synthetic lysine homopolymer-conjugated nano-hydroxyapatite particles with targeted drug delivery for osteoporosis therapy Thi-Tam-An Tran (明志科技大學)

高分子化學與綠色及生醫應用	
海報編號	題目與發表作者
P4-C-13	利用 metallocene 觸媒合成不同立體規則的共軛雙烯高分子 <i>陳炫廷 (國立中正大學)</i>
P4-C-14	金奈米粒子與二維奈米黏土複合材料於表面增強拉曼光譜生物感測器之研究 <i>吳亭葦 (國立臺灣科技大學)</i>
P4-C-15	純鋅表面以微弧氧化載銅並以氧氣電漿活化表面及 UV 光接枝熱敏感性水膠接枝並探討生物活性 <i>林沛辰 (淡江大學)</i>
P4-C-16	The Fabrication of 3D Electrospun Polylactic Acid Scaffolds Augmented with Glutathione using Atmospheric Pressure Plasma Treatment for Tissue Repair <i>阿妮迪塔 (明志科技大學)</i>
P4-C-17	Study of Reaction Conditions for Ring Opening Polymerization of γ-Butyrolactone <i>鍾予捷 (國立清華大學)</i>
P4-C-18	孔洞高分子材料的製備與設計 <i>林弘舜 (國立中山大學)</i>
P4-C-19	Innovative Lysozyme-Immobilized Polyglutamate-Nanohydroxyapatite: Unveiling Potent Antibacterial and Anti-Osteoclastogenic Capabilities for Bone Infection Management <i>Edouard Gnoumou (明志科技大學)</i>
P4-C-20	透過三維金奈米線結構之 SERS 基板檢測水污染物 <i>岳鼎家 (明志科技大學)</i>
P4-C-21	一步聚合合成 CO ₂ 基 ABA 三嵌段共聚物，用於鋰硫電池多功能聚合物電解質 <i>李婧瑜 (國立中山大學)</i>
P4-C-22	新型含醯側基的脂環族酸酐衍生的可溶液加工的可無色聚醯亞胺 <i>吳適仲 (國立臺灣科技大學)</i>
P4-C-23	Tailored growth of polypyrrole nano-arrays on carbon paper followed by glucose oxidase immobilization using polyethylenimine for salivary glucose biosensor <i>劉馨豪 (國立清華大學)</i>
P4-C-24	溫感型高分子複合防曬劑之開發及應用 <i>李佳芬 (嘉南藥理大學)</i>