

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	<b>Synthesis and applications of thiophene- based hydrophilic conjugated polymers</b> 黃于庭 (國立清華大學)
P1-A-02	<b>Mini/Micro LED 熱塑性可重工封裝膠材</b> 江淳甄 (工業技術研究院)
P1-A-03	<b>Size-Dependent Phase Separation and Shape Memory Properties of Poly(urea/malonamides) Based on Adamantane-containing Dendrons</b> 黃昱璇 (國立臺灣大學)
P1-A-04	<b>使用醇類水溶液合成高長徑比奈米銅線</b> 劉雁筑 (國立臺北科技大學)
P1-A-05	<b>High-Performance Ladder-type Conjugated Polymer/Carbon Nanotube Nanocomposites Blended with Elastomer for Stretchable Thermoelectric Device Applications</b> 鄭晴寶 (國立臺灣大學)
P1-A-06	<b>High Bio-based Content Emulsion Used in Lithium Ion Battery Negative Electrode Binder</b> 蔡鳴聲 (國立臺灣大學)
P1-A-07	<b>Development of Gradient Refractive Index (GRIN) Materials for Novel Extended Depth-of-Focus Intraocular Lens (IOL)</b> 羅振于 (國立臺灣大學)
P1-A-08	<b>Polyurea based calcined non-metal compounds as cathode catalyst for anion exchanged membrane fuel cell</b> 陳勃政 (國立高雄科技大學)
P1-A-09	<b>Synergistic Interactions in Sequential Process Doping of Polymer/Single-Walled Carbon Nanotube Nanocomposites for Enhanced n-Type Thermoelectric Performance</b> 林柏伸 (國立臺灣大學)
P1-A-10	<b>Side chain modulated carbazole-based bifunctional hole-shuttle interlayer simultaneously improves interfacial energy level alignment and defect passivation in high-efficiency perovskite solar cells</b> 邱遠宇 (長庚大學)
P1-A-11	<b>利用量子力學計算探討不同高分子材料結構及雜原子修飾如何影響材料之光電性質並應用於二氧化碳光催化還原反應</b> 梁軒維 (國立臺灣大學)
P1-A-12	<b>運用光學轉換矩陣及機器學習探討影響高分子太陽能電池光電性質和能量轉換效率的關鍵因素</b> 張怡晨 (國立臺灣大學)
P1-A-13	<b>結合機器學習與量子力學模擬探討影響光催化二氧化碳還原材料之光電性質與吸附能力之因素</b> 張閔媗 (國立臺灣大學)
P1-A-14	<b>運用機器學習輔助熱激活延遲螢光材料結構與放光表現之關聯性</b> 李浩廷 (國立臺灣大學)
P1-A-15	<b>Membrane Material Base on PEEK for Carbon Dioxide Separation</b> 薛煬霆 (高雄師範大學)
P1-A-16	<b>Revealing the photoswitchability in organic phototransistor memory with a heterojunction structure</b> 林以撒 (國立臺灣大學/國立臺灣科技大學)
P1-A-17	<b>The Enhanced Electrical Conductivity and Mechanical Properties of Stretchable Thermoelectric Generators Formed by Doped Semiconducting Polymer/Elastomer Blends</b> 蕭亦佐 (國立臺灣大學)

海報編號	題目與發表作者
P1-A-18	<b>Giant Thermopower of Gelatin Methacryloyl-Based Hydrogel Thermocells</b> 王鈺皓 (國立臺灣大學)
P1-A-19	<b>Tailoring Thermoelectric Performance from Ending Group of 1H-Phenanthro[1,10,9,8-cdefg]carbazole-Based Compounds with Single-Walled Carbon Nanotube Nanocomposite Films</b> 周哲安 (國立臺灣大學)
P1-A-20	<b>Controllable Self-Healing Films by Host-Guest Chemistry</b> 蔡宗宏 (國立陽明交通大學)
P1-A-21	<b>MXeneGel: A MXene-Based Composite Gel for Stretchable and Self-Healing Sensors</b> 林霽 (國立陽明交通大學)
P1-A-22	<b>Electrosynthesis of copolymer based on 9,9'-(oxybis([1,1'-biphenyl]-4',3-diyl))bis(9H-carbazole) and 2,2'-bithiophene for electrochromic device</b> 郭上丞 (國立高雄科技大學)
P1-A-23	<b>Electroactive anthraquinone scaffolding and its carbon composite materials for energy storage applications.</b> 劉庭瑋 (大同大學)
P1-A-24	<b>透過含有四乙氧基矽烷基溶膠改善二氧化矽奈米粒子減反射膜的機械性能</b> 徐以蓁 (逢甲大學)
P1-A-25	<b>Photo-responsive supramolecular materials for surface relief gratings and photo-crosslinking effects</b> 洪孟廷 (國立中山大學)
<b>高分子複合與混成材料</b>	
P1-B-01	<b>氟橡膠與全氟橡膠在不同壓力跟溫度下的差異</b> 陳柏諭 (國立臺北科技大學)
P1-B-02	<b>Functionalized graphene oxide/epoxy nanocomposite coatings through cationic photopolymerization for corrosion protection</b> 劉亦婷 (國立高雄科技大學)
P1-B-03	<b>利用咖啡渣製備生物基阻燃劑及聚磷酸銨在熱塑性聚氨酯之協成效應研究</b> 謝宏恩 (國立勤益科技大學)
P1-B-04	<b>Utilize Fluorine Rubber/Nanocarbon Tube/Carbon Black/Ionic Liquids to Fabricate a Stretchable Thermoelectric Generator</b> 周祐賢 (國立臺灣大學)
P1-B-05	<b>PEEK 混摻 HAP 促進骨組織生長</b> 顏光廷 (工業技術研究院)
P1-B-06	<b>Synthesis of Zwitterionic Dopamine Nanoparticles for Preparing Polyamide Composite Membranes via Interfacial Polymerization for Pervaporation Separation of Isopropanol-Water Mixtures</b> 劉宜亭 (中原大學)
P1-B-07	<b>以二茂鐵與蔥為色團的擬輪烷薄膜和晶體的光響應機械運動</b> 黃冠閣 (國立清華大學)
P1-B-08	<b>Study on the Properties of Inorganic Powder Reinforced Polybutylene Succinate (PBS)</b> 曾任謙 (中國文化大學)

海報編號	題目與發表作者
P1-B-09	<b>Efficient Production of Anisotropic Elliptical Anodic Aluminum Oxide Membranes: Simplified Methods with Thin Aluminum Foils</b> 林子鈞 (國立陽明交通大學)
P1-B-10	<b>Improving oil/water separation performance by incorporating modified carbon quantum dots into cellulose acetate tubular membranes</b> 林暉翔 (中原大學)
P1-B-11	<b>Luminescent europium-containing nanocomposite double-network hydrogel for sensing applications</b> 曾品涵 (國立臺灣大學)
P1-B-12	<b>Novel In Situ Zwitterionization of Carbon Quantum Dots on Cellulose Acetate Membrane for Oil/Water Separation</b> 徐羽忻 (中原大學)
P1-B-13	<b>Advanced Chip Packaging : Formulation and Performance Study of Liquid Epoxy Molding Compound</b> 楊淮旭 (國立臺北科技大學)
P1-B-14	<b>聚苯硫醚濾袋重製再利用可行性評估研究</b> 劉弘仁 (工業技術研究院)
P1-B-15	<b>Recyclable PU/SiO<sub>2</sub> Nanohybrids Derived from Waste Polycarbonate for CO<sub>2</sub> Gas Separation Membrane</b> 吳冠璋 (國立臺灣大學)
P1-B-16	<b>使用不同比例聚矽氧烷合成彈性聚醯亞胺薄膜的熱性質與機械性質</b> 林勝育 (國立臺北科技大學)
P1-B-17	<b>Advancing Catecholamine Sensing with Polyimide-Derived Laser-Scribed Graphene Technology for Wearable Organic Electrochemical Transistors</b> 翁林暘 (國立臺灣科技大學)
P1-B-18	<b>Synthesis of CoN<sub>x</sub>SyCrGO composites for oxygen reduction reaction in an alkaline electrolyte</b> 王若宇 (國立高雄科技大學)
P1-B-19	<b>Boosting Self-Healing and Toughness in Elastomers via Aluminum Acetylacetonate-Initiated Metal-Ligand Coordination</b> 陳亦安 (國立清華大學)
P1-B-20	<b>無機奈米碳材添加於高分子相轉移材料之製備與其應用</b> 詹淇鈴 (淡江大學)
P1-B-21	<b>利用農業廢棄物茶葉渣製備生物基環保型聚丁二酸丁二醇酯阻燃複合材料之研究</b> 張倉境 (國立勤益科技大學)
P1-B-22	<b>開發硬碟之耐磨耗、高溫抗破裂及低碳氫化合物氣體析出的滑道材料</b> 陳映岑 (銘異科技股份有限公司)
P1-B-23	<b>Fabrication, Morphology Analysis, and Mechanical Properties of Anisotropic Anodic Aluminum Oxide Templates via Physical Stretching Process</b> 劉育君 (國立陽明交通大學)
P1-B-24	<b>Exploring Dispersity in Carbon Nanotube Hybrids through Systematic Polarity Tuning of Conjugated Block Copolymers for Thin Film Thermoelectric Applications</b> 吳維妮 (國立臺灣大學)
P1-B-25	<b>氣體輔助成型對於微特徵結構成型特性影響之研究</b> 林柏倫 (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
P1-C-01	<b>Influence of alkyl chain length and position of triphenylamine oxime esters for free radical photopolymerization</b> 涂維序 (高雄科技大學)
P1-C-02	<b>Free radical photopolymerization studies of chalcone-fused aromatic rings as one-component Type II visible-light-absorbing photoinitiators</b> 林志翰 (高雄科技大學)
P1-C-03	<b>具高耐熱性之改質生分解聚丁二酸對苯二甲酸乙二醇酯(PEST)複合物的製造與其於食品包裝膜之應用</b> 劉榮昌 (工業技術研究院)
P1-C-04	<b>廢紙纖維補強生分解聚己二酸對苯二甲酸丁二醇酯(PBAT)的製備與其於具有高阻氧性與抗靜電性之食品包裝膜的可行性評估</b> 鄧維豐 (工業技術研究院)
P1-C-05	<b>Immobilization of GOx on Polypyrrole Hydrogel Modified Carbon Nanotubes to Prepare Flexible Electrode for Saliva Glucose Sensing</b> 劉馨豪 (國立清華大學)
P1-C-06	<b>Dopamine-Assisted Co-deposition with Zwitterionic Polymer for Surface Modification of Nanoporous Anodic Aluminum Oxide</b> 蔡嘉旋 (逢甲大學)
P1-C-07	<b>Synthesis and Properties of Polyolefin Elastomers</b> 黃鼎棋 (台灣中油股份有限公司煉製研究所)
P1-C-08	<b>Exploration of Ring-Opening Reactions between Epoxy-Containing Polymer and Tertiary Amine-Pendant Polymer for Functional Surface Modification</b> 賴芝芸 (逢甲大學)
P1-C-09	<b>Solvent-assisted interfacial polymerization for improved pervaporation performance of membrane</b> 陳義 (中原大學)
P1-C-10	<b>Determination of Aldehyde Content of Dialdehyde Cellulose by Benedict Solution</b> 莊志賢 (崑山科技大學)
P1-C-11	<b>Studies on properties of sulfonated dopamine/sulfonated polyimide proton exchange composite membrane</b> 林冠勳 (國立雲林科技大學)
P1-C-12	<b>The Study on Properties of Polydopamine/Sulfonated Polyimide Composite Membrane under Oxidative Conditions</b> 石曼嫻 (國立雲林科技大學)
P1-C-13	<b>合成三嵌段共聚物 PS-b-PMMA-b-P2VP 及其與 PS-b-PI-b-P2VP 自組裝行為探討</b> 曾馨霽 (國立中正大學)
P1-C-14	<b>CO<sub>2</sub>-Captured Mesoporous Phenolic/Carbon Materials Templated by CO<sub>2</sub>-Based Poly(ethylene oxide-b-cyclohexene carbonate) Diblock Copolymers with Mediated Competitive Intermolecular Hydrogen Bonding Interactions</b> 陳詩芸 (國立中山大學)
P1-C-15	<b>薑黃素微胞摻合水性聚胺基甲酸酯樹脂及其性質</b> 蘇靖雯 (國立中興大學)
P1-C-16	<b>Enhancing Conductivities of Azobenzene-Based Ionic Liquids Using Anodic Aluminum Oxide Templates</b> 張峻齊 (國立陽明交通大學)

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P1-C-17	<b>鎢酸鈉(Na<sub>2</sub>WO<sub>4</sub>)催化端羥基聚丁二烯(HTPB)轉化成環氧的端羥基聚丁二烯(EHTPB)</b> 林慶鎧 (國立臺北科技大學/國家中山科學研究院)
P1-C-18	<b>開發新穎性生質基低熔點熱塑性聚酯彈性體</b> 陸天靜 (國立臺北科技大學)
P1-C-19	<b>具備雙連續孔隙結構對稱型 PLA 薄膜之製備與應用</b> 林欣潔 (淡江大學)
P1-C-20	<b>Emulsion Synthesis of High Biobased Carbon Content Latex for Water-Proof Coating Application</b> 龐沁靈 (國立臺灣大學)
P1-C-21	<b>Study of hydrogen bonding of miscible blends of CO<sub>2</sub>/cyclohexene oxide/anhydride copolymer and poly(vinyl phenol)</b> 朱志緯 (國立中山大學)
P1-C-22	<b>Metallocene 觸媒技術開發及長支鏈聚丙烯材料合成</b> 張肇昌 (國立中正大學)
P1-C-23	<b>利用 metallocene 觸媒合成不同立體規則的共軛雙烯高分子</b> 王心宏 (國立中正大學)
P1-C-24	<b>高溫水熱法合成對苯二胺碳奈米點</b> 余文奇 (逢甲大學)
P1-C-25	<b>不同側基之聚苯并咪唑製成的薄膜之特性及在全鈦氧化還原液流電池中的應用</b> 黃翊宸 (國立臺灣科技大學)
P1-C-26	<b>Dual-Responsive Polypeptide Block Copolymers for Nerve Regeneration Hydrogels</b> 林軒宇 (國立臺灣大學)
P1-C-27	<b>Porous organic polymers functionalized with uracil and pentaazaphenylene through quadruple Mannich cyclization: direct synthesis and nucleobase recognition activities</b> Lamiaa Reda Ahmed (National Sun Yat-sen University)
P1-C-28	<b>利用層狀雙氫氧化物作為化學回收聚對苯二甲酸乙二酯之催化劑的性質探討</b> 簡沐泉 (中原大學)
P1-C-29	<b>Pseudo-zwitterionic hydrogels as Prospective Wound Dressing Materials for Diabetic Wound Healing</b> 馬振倫 (中原大學)
P1-C-30	<b>Enhanced Flame Retardant and Dielectric Properties of Oligo(2,6-dimethyl-1,4-phenylene ether) Resins Through DOPO Derivative Incorporation</b> 王奕程 (國立中興大學)
P1-C-31	<b>Effects of Hydrophilic and Hydrophobic Ratio on Micellization and Gelation Properties of PEG-PHB-PEG Amphiphilic Triblock Copolymers</b> 陶若云 (元智大學)
P1-C-32	<b>具有刷狀側鏈修飾功能之聚乳酸高分子合成及其於藥物載體之應用</b> 蕭清偉 (國立中山大學)
P1-C-33	<b>Synthesis and Sol-gel Transition Behavior of PBL-PEG Amphiphilic Copolymers with Various Hydrophilic/Hydrophobic Ratios</b> 溫文菱 (元智大學)
P1-C-34	<b>聚乳酸奈米微粒之製備及其於抗生素傳遞之應用</b> 方詩婷 (國立中山大學)

海報編號	題目與發表作者
P1-C-35	<b>Fabrication and Study of Mechano-Fluorophoric Polyurethane Films with High Toughnesses Induced by Daisy Chain Rotaxanes</b> 賴育貞 (國立陽明交通大學)
P1-C-36	<b>奈米金/電活性聚醯胺/纖維素奈米纖維複合材料應用於還原染髮廢水處理</b> 林襄汝 (靜宜大學)
P1-C-37	<b>環境友善型薑黃素基水性聚胺基甲酸酯樹脂製備及其性質</b> 林鈺臻 (國立中興大學)
P1-C-38	<b>以大豆卵磷脂製備微脂體多重乳液</b> 洪唯瑄 (逢甲大學)
P1-C-39	<b>Enzyme-free triboelectric biosensor with glucose response molecularly imprinted polymer for self-powered biomedical monitoring</b> 張玲毓 (國立臺灣大學)
P1-C-40	<b>Study of Umbilical Cord Mesenchymal Stem Cells in Curdlan-PVA Composite Hydrogels</b> 王智翰 (高雄義守大學)
P1-C-41	<b>Synthesis and Characterization of Conjugated Polymers Based on Dendritic Fluorene and Benzothiadiazole</b> Van Hoang Khang Phan (National Taiwan University of Science and Technology)
P1-C-42	<b>Construction of Ratiometric Mechano-Fluorescent Polyurethanes with Excellent Toughnesses Increased by Daisy Chain Units and Polyrotaxanes</b> 楊姿暄 (國立陽明交通大學)
P1-C-43	<b>環烯烴共聚物/聚合物的製備與應用</b> 黃麟強 (台灣中油股份有限公司煉製研究所)
P1-C-44	<b>Correlating the Substituent Effect of Alicyclic Polyimides with the Dielectric Constant and Dielectric Loss at a High Frequency of 20, 35, 50 GHz</b> 沈彥蓁 (國立臺灣科技大學)
P1-C-45	<b>Orange Springtail-Inspired Hierarchical Structure Arrays as Omniphobic Coatings</b> 湯念庭 (國立中興大學)
P1-C-46	<b>Highly Hydrophobic SERS Substrate with Gold Nanoislands Deposited on Organic Semiconductor Nanostructures for Biosensing</b> 溫妤婕 (明志科技大學)
P1-C-47	<b>仿仙人掌刺結構之自驅動微流道進行表面增強拉曼檢測生物醫學和環境檢測</b> 岳鼎家 (明志科技大學)
P1-C-48	<b>利用可逆加成斷裂鏈轉移具合法開發具有自癒合及刺激響應特性之雙交聯網絡水凝膠</b> 王致心 (國立臺北科技大學)
P1-C-49	<b>導電高分子-氧化石墨烯-銀奈米粒子電化學聚合複合高分子薄膜於 EC-SERS 檢測及抗菌之應用</b> 藍湘婷 (明志科技大學)
P1-C-50	<b>利用微反應器進行苯乙烯乳液聚合的可行性研究</b> 賴沛妤 (國立臺北科技大學)
P1-C-51	<b>Pseudo chemistry and Penrose tiling</b> 趙曲揚 (國立中興大學)

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P2-A-01	<b>Synthesis and properties of side chain type anion exchange membranes based on polybenzimidazole containing methylimidazolium for fuel cell applications</b> 張遠昭 (國立高雄科技大學)
P2-A-02	<b>Rational design of 2D covalent organic frameworks for tunable photocatalytic hydrogen evolution</b> 劉育綾 (國立成功大學)
P2-A-03	<b>Structural Characterization of Charge-Transfer Induced Binary Supramolecular Organic Frameworks of di-pyrene and tetraNDI</b> 羅佳筠 (國立陽明交通大學)
P2-A-04	<b>Nonflammable Phosphazene Derivatives in Gel Polymer Electrolytes for Enhanced Lithium-ion Battery Safety</b> 杜佳蓉 (國立成功大學)
P2-A-05	<b>Design and Characterization of a TetraNDI and Py4 Binary Supramolecular Organic Framework</b> 陳亮彤 (國立陽明交通大學)
P2-A-06	<b>以小角度 X 光散射分析電紡聚乙醇醇順向纖維逐步升溫結構演變</b> 曹智翔 (國立成功大學)
P2-A-07	<b>以流變儀探討聚(N-異丙基丙烯醯胺)在水溶液與水/二甲基甲醯胺共溶劑中的流變特性</b> 蕭景鴻 (國立成功大學)
P2-A-08	<b>Hierarchical Self-Assembly to Complex Matter in Flexible Shapshifting Amphiphilic Dendritic Molecules</b> 黃鴻儒 (國立陽明交通大學)
P2-A-09	<b>表面改質鋇鈦酸鉛/聚偏二氟乙烯-三氟乙烯壓電複合膜應用於壓電鞋</b> 黎軒瑄 (國立臺灣科技大學)
P2-A-10	<b>Facile Fabrication of rGO/PVDF Piezoelectric Electrospun Nanofibers for Flexible Position Sensors</b> 陳建勳 (國立臺灣科技大學)
P2-A-11	<b>Application of Carbon Nanotubes/Graphene/Polydimethylsiloxane Nanohybrids to Thermoelectric Shoes</b> 周巧儒 (國立臺灣科技大學)
P2-A-12	<b>Photocrosslinkable and Photo-programmable Logic Gate</b> 柯信豪 (國立成功大學)
P2-A-13	<b>Enhancing the Performance of Photo-patternable Organic Electrochemical Transistors via Photocrosslinking Hydrophilic Side Chains</b> 黃馨蓉 (國立成功大學)
P2-A-14	<b>Molecular design and property prediction of organic solar cells through explainable machine learning</b> 李元方 (國立臺灣大學)
P2-A-15	<b>Infrared Organic Photodetector Employing Novel Copolymers with Low Energy Bandgap</b> 蔡依庭 (國立雲林科技大學)
P2-A-16	<b>Organic-Inorganic Hybrid Polymer Artificial Solid-Electrolyte Interphase Enabling Long-life Lithium ion Batteries</b> 周璋庭 (國立成功大學)

海報編號	題目與發表作者
P2-A-17	<b>Rod-like Molecules with Liquid Crystalline Phase Transitions for Photonic Memory Device</b> 牛奕捷 (國立臺灣大學)
P2-A-18	<b>Harnessing Solvent Engineering Strategies for the Optimization of Organic Photovoltaics and Photodetectors Utilizing Isoindigo Derivatives</b> 張淳硯 (明志科技大學)
P2-A-19	<b>藉由陽離子界面活性劑添加劑製備高效且穩定的鈣鈦礦太陽能電池</b> 林兆芸 (國立臺北科技大學/國立臺灣大學)
P2-A-20	<b>Iron sulfide microspheres supported on cellulose-carbon nanotube conductive flexible film as an electrode material for aqueous-based symmetric supercapacitors with high voltage</b> 陳姿廷 (國立中興大學)
P2-A-21	<b>Water-soluble cationic copolyacrylamides modifying NiOx for high-performance inverted perovskite solar cells</b> 馮彥中 (國立中興大學)
P2-A-22	<b>Silver Nanocubes/Two-Dimensional Nano Mica Platelets @ ZnO Quantum Dots Nanohybrids as Flexible Substrates for Surface-Enhanced Raman Scattering Bacterial Detection</b> 陳致浩 (國立臺灣科技大學)
P2-A-23	<b>Utilizing biowaste material-eggshell membrane for bio-triboelectric nanogenerator and various applications</b> 張博彥 (國立臺灣大學/明志科技大學)
P2-A-24	<b>鍍金屬電池之高分子隔離膜塗佈奈米銀粉、奈米碳管及石墨烯對鍍金屬電池影響之研究</b> 吳崇輔 (國立高雄科技大學)
P2-A-25	<b>Mesoscale colloidal properties of sodium alginate in aqueous solutions</b> 魏瑜 (國立中正大學)
P2-A-26	<b>Polyrotaxane-Based Quasi-Solid Polymer Electrolytes for Lithium Ion Batteries</b> 王子豪 (國立臺灣大學)
P2-A-27	<b>Study of Polyimide-based binders for the high-power Li-S batteries.</b> 丁士恩 (國立中山大學)
<b>高分子複合與混成材料</b>	
P2-B-01	<b>具溫感性及自癒性羥丙基幾丁聚醣水凝膠之製備及細胞相容性探討</b> 張沐涵 (中原大學)
P2-B-02	<b>聚脲與聚醯胺 6,6 共聚物之聚合反應條件探討</b> 趙世煒 (中國文化大學)
P2-B-03	<b>碳酸酯與聚對苯二甲酸丁二酯聚合反應條件探討</b> 胡瑞明 (中國文化大學)
P2-B-04	<b>Promoted Crystallization in Ternary Biodegradable Polymer Composites with Green Inclusion Complex</b> 林妍希 (逢甲大學)
P2-B-05	<b>Investigating the key effects of chemical structures of curing agents on glass transition temperature of epoxy resins by machine learning</b> 蕭宇鴻 (國立臺灣大學)
P2-B-06	<b>運用機器學習探討固化劑結構對環氧樹脂系統其機械性質之影響</b> 林品均 (國立臺灣大學)



海報編號	題目與發表作者
P2-B-07	聚脲與聚醯胺 6 共聚物聚之合成反應條件探討 黃聖傑 (中國文化大學)
P2-B-08	高強度有機無機複合自癒性水凝膠之製備、鑑定及其在軟骨修復上之研究 張鎮安 (中原大學)
P2-B-09	<b>Bio-based Poly(benzoxazine) Blending Epoxy-Difunctionalized Poly(dimethylsiloxane) Hybrids with Heat-Resistance</b> 高揚晉 (國立中山大學)
P2-B-10	利用親疏水複合交聯劑及含矽表面改質劑以製備具低回滲率之超吸水樹脂 周恩緯 (中原大學)
P2-B-11	<b>Portable Microfluidic System Integration for Efficient Removal of Protein-Bound Uremic Toxins with Laser-Scribed Graphene/Conductive Polymer Composite Nanofiber Membranes</b> 鄧秀娟 (國立臺灣科技大學)
P2-B-12	<b>Synthesis of Customizable Luminescent Polydextran/Hydroxyapatite Nanocomposite Hydrogels via Adjustable Metal-Ligand Coordination Crosslinking</b> 蘇昱嘉 (國立臺灣大學)
P2-B-13	具氧化還原性能之苯胺五聚體做為黏土插層劑時對所衍生之溶劑型環氧黏土複合塗料在 ACQ 存在下之金屬防腐性能的影響探討 陳澧澐 (中原大學)
P2-B-14	奈米纖維素複合蜘蛛絲蛋白自我修復薄膜 章瓊恩 (中原大學)
P2-B-15	含電活性苯胺四聚體改質氧化石墨烯之環氧樹脂複合塗料在 ACQ 木材防腐劑存在下之金屬基材的防腐蝕研究 楊采容 (中原大學)
P2-B-16	<b>Studies on Flexible Ceramic EVA Heat Resistant Composites</b> 詹淨仔 (國立雲林科技大學)
P2-B-17	無溶劑聚氨酯-醯亞胺於耐溫彈性體的應用 江律廷 (國立臺北科技大學)
P2-B-18	新穎性蛋白質黏著系統之研究 宋昀芸 (中原大學)
P2-B-19	自修復蠶絲/蜘蛛絲複合材料 吳采蓁 (中原大學)
P2-B-20	合成以及鑑定共軛嵌段共聚高分子系統 吳芊鈴 (國立臺北科技大學)
P2-B-21	<b>Investigations on Biodegradable Aliphatic Poly(ethylene azelate) Composites with Stereocomplex</b> 陳威融 (逢甲大學)
P2-B-22	不同極性和分子構形的溶劑對海膽或其它形貌 TiO <sub>2</sub> 之生長影響 貝香螢 (國立臺北科技大學)
P2-B-23	不同的增黏劑加上環氧大豆油對於 HMPSA 的黏合性質以及流變行為之研究 林昱棠 (國立臺北科技大學)
P2-B-24	<b>Crystallization in Biodegradable Polymer Composites with the Presence of Green Inclusion Complex and Functional Filler</b> 周書仔 (逢甲大學)

海報編號	題目與發表作者
P2-B-25	以 3,5-二甲基吡唑 (3,5-dimethylpyrazole, 簡稱 DMP)合成封端型水性聚氣酯高分子染料及其性質研究 洪致優 (臺北科技大學)
P2-B-26	Study of New Epoxy Composites as Liquid Molding Compounds for Advanced Electronic Packaging 胡正迪 (國立臺灣大學)
P2-B-27	Cationic Star-shaped Polypeptides as Non-viral Vectors for Gene Delive 黃湘婷 (國立成功大學/國立臺東大學)
P2-B-28	Preparation of Flame Retardant Phosphorus-Nitrile Elastomer Materials 陳秀豪 (國立成功大學)
P2-B-29	Hydrogelation of polypeptide-poly(ethylene glycol)-polypeptide amphiphilic triblock copolymers 楊宇勛 (國立成功大學)
P2-B-30	苯胺寡聚物側鏈基對所衍生之電活性聚亞醯胺薄膜於氣體感測元件之應用研究 陳芸婷 (中原大學)
P2-B-31	丙烯酸接枝聚丁烯己二酸萘二甲酸酯/十二烷基二胺改質層狀苯基磷酸鋅奈米複合材料之製備與特性分析 張維翔 (國立中興大學)
P2-B-32	不同回收次數之聚丙烯、對黏度因子與衝擊特性之研究 鄭惠鏗 (逢甲大學)
P2-B-33	聚苯胺/二氧化鈣複合材料在室溫下之氯氣感測分析 許璋倫 (國立中興大學)
P2-B-34	Photoswitchable Conductive Films by Incorporating Azobenzene-Based Ionic Liquids into Poly(ionic liquid)s 吳佳諱 (國立陽明交通大學)
P2-B-35	聚苯胺/氧化鈦複合材料在室溫下對三甲基胺感測分析 楊晞 (國立中興大學)
P2-B-36	A PEDOT:PSS nanocomposite film doped with black phosphorus modified with silver nanoparticles for wearable photothermoelectric generators 林政遠 (國立臺灣大學)
<b>高分子化學與綠色及生醫應用</b>	
P2-C-01	Innovative Organic Electrochemical Transistors: Advancing Flexibility, Stretchability, and Self-healing for Chicken Chorioallantoic Membrane (CAM) Model Applications 蔡承佑 (國立臺灣科技大學)
P2-C-02	Photodegradation of Polystyrene Facilitated by Niobium Oxide and Cerium Oxide 蕭慈蓉 (國立臺灣大學)
P2-C-03	Injectable pH- and ultrasound-sensitive dual-crosslinked nanocomposite hydrogels for antibacterial applications 顏辰潔 (國立臺灣大學)
P2-C-04	循環再利用廢紙複合材在工業包裝材料之應用 柯文賢 (高苑科技大學)
P2-C-05	Synthesis and Properties of Thermoplastic Polyurethane Elastomers via Aminolysis by Using Recycling of Polycarbonate 高泉心 (國立臺灣大學)

海報編號	題目與發表作者
P2-C-06	<p>聚脂高分子與天然蛋白應用於靜電紡絲生物基奈米纖維製備及性能之研究 郭俊佑 (高苑科技大學)</p>
P2-C-07	<p>Probing the Host-Dopant Interactions in Conducting Polymers for Improved Electrochemical Deionization Performance 黃弘逸 (國立清華大學)</p>
P2-C-08	<p>可生物降解聚乙烯醇水凝膠作為軟性隱形眼鏡材質的評價 黃斯榆 (南台科技大學)</p>
P2-C-09	<p>Highly Efficient One-pot Aminolytic Process for Recycling Waste Polycarbonate 林庚鎰 (國立臺灣大學)</p>
P2-C-10	<p>3D Printed Gelatin Methacrylate Hydrogel-Based Wearable Thermoelectric Generators 許靖韻 (國立臺灣大學)</p>
P2-C-11	<p>永續材料木質素之分類及其性質 周沂臻 (國立中興大學)</p>
P2-C-12	<p>木質素液化處理及其應用於酚醛樹脂之試製 謝欣穎 (國立中興大學)</p>
P2-C-13	<p>Light-Assisted Fabrication of Hierarchical Azopolymer Structures Using the Breath Figure Method and AAO Templates 張銘軒 (國立陽明交通大學)</p>
P2-C-14	<p>利用微波輔助合成甲基丙烯酸明膠及結合幹細胞外泌體製備導電水凝膠於心肌組織工程應用 謝旻妤 (國立臺灣科技大學)</p>
P2-C-15	<p>Surface Engineering of Poly(3,4-ethylenedioxythiophene) Derivative Nanostructures on Active-Layer Channels in Organic Electrochemical Transistors for Sweat Sensing Applications 洪旻孜 (國立台灣科技大學)</p>
P2-C-16	<p>Employing Layer-by-Layer Self-Assembly in the Preparation of Exosome-modified PEDOT:PSS Composite Films for Therapeutic Cardiac Patches 張品妤 (國立臺灣科技大學)</p>
P2-C-17	<p>Synthesis of Sulfobetaine Siloxane Oligomers via Sol-Gel Method for Moisture-Cured Formation of universal coating with Anti-fouling, Antibacterial, and High Hardness Properties 王紹祐 (南臺科技大學)</p>
P2-C-18	<p>以原子自由基加成反應合成具不同 <math>\alpha</math> 位誘導基之交聯劑及應用於具無觸媒動態交聯鍵結之熱可塑性熱固型環氧樹脂 黃柏睿 (國立中興大學)</p>
P2-C-19	<p>Design, synthesis, and characterization of the Poly(NIPAM-b-MAPBA)-based hydrogel for pH- and temperature-sensitive sol-gel transition with nature polysaccharides 吳悅慈 (國立臺北科技大學)</p>
P2-C-20	<p>Metallocene 觸媒給金屬之合成並用於製備具逆共聚單體分布的乙烯共聚物 魏宏哲 (國立中正大學)</p>
P2-C-21	<p>使用 3D 列印製備具有可撓性的石墨烯/高分子複合材料感測電極並應用於心電圖和肌電圖檢測 曾彥程 (國立臺灣科技大學)</p>
P2-C-22	<p>透過氫原子奪取及自由基轉移機制拓展逆硫化反應交聯試劑 賴躍升 (國立清華大學)</p>

海報編號	題目與發表作者
P2-C-23	<b>Development of Biosensors Based on Conjugated Polymer Nanocomposites for Sensitive Detection of Small Molecules</b> 鄭有為 (明志科技大學)
P2-C-24	<b>奈米銀/石墨烯/聚偏二氟乙烯/聚氣酯奈米複合纖維膜電極及其可穿戴電子傳感器應用</b> 謝時維 (國立臺灣科技大學)
P2-C-25	<b>Hydrophilic-Hydrophobic Nanohybrids of Gold Nanocubes/Two-Dimensional Nano Mica Platelets with 3D Lightning Rod Effect as Flexible Substrates for SERS Bacterial Biosensor</b> 陳衍豐 (國立臺灣科技大學)
P2-C-26	<b>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</b> 江品郁 (中原大學)
P2-C-27	<b>Preparation of Stimuli-Responsive Polymers Using RAFT Polymerization and Investigation of Their Properties</b> 郭育銘 (國立高雄科技大學)
P2-C-28	<b>Semiaromatic Polyimides with Alicyclic Diamines for Low-k Properties at a High Frequency of 10 GHz</b> 米夢筑 (國立臺北科技大學)
P2-C-29	<b>Biodegradable and self-healing hydrogels for flexible electronic products</b> 李杰叡 (明志科技大學)
P2-C-30	<b>Mucin-mediated mucosal retention via end-terminal modified Pluronic F127-based hydrogel to increase drug accumulation in the lungs</b> 許珍蔚 (國立臺灣科技大學)
P2-C-31	<b>Recyclable CQDs/PVA nanofiber films for the triboelectric nanogenerator application</b> 張鈞傑 (明志科技大學)
P2-C-32	<b>雙脂層聚合物微囊泡的創新磁振擴散影像假體開發</b> 林柏豪 (逢甲大學)
P2-C-33	<b>Using atomic layer deposition MoO<sub>3</sub> on a nanofibrous membrane of PVDF-HFP to fabricate a triboelectric nanogenerator</b> 葉逢祥 (明志科技大學)
P2-C-34	<b>Tailoring Mechanical and Physical Features of Biopolymer Scaffolds by Blending Poly(caprolactone) with Poly(<math>\gamma</math>-benzyl-L-glutamate)</b> 顧祐源 (明志科技大學)
<b>高分子加工與纖維紡織</b>	
P2-D-01	<b>數位昇華轉移印花中溫度和時間對染料得色率之影響</b> 林志峯 (瑞佳數位科技股份有限公司)
P2-D-02	<b>利用奈米壓印微影技術連續製造超疏水微結構的簡單方法</b> 彭裕夫 (祐邦科技股份有限公司/國立台北科技大學)
P2-D-03	<b>Preparation and oil/water separation performance of TiO<sub>2</sub>@CQDs incorporated polyethersulfone hollow fiber membrane</b> 黃天祈 (中原大學)
P2-D-04	<b>新型水蒸氣誘導相分離法製備穿孔高分子薄膜</b> 高嘉榮 (國立臺灣大學)
P2-D-05	<b>超高分子量聚乙烯纖維改質加工技術</b> 謝建正 (湯姆隆實業股份有限公司)

海報編號	題目與發表作者
P2-D-06	<b>Preparation of High Flux Polyethersulfone Membrane by Non-solvent Induced Phase Separation</b> 許宸瑋 (中原大學)
P2-D-07	<b>製備聚乙烯醇縮丁醛/聚醯胺複合奈米纖維膜並評估其過濾性能</b> 李則緯 (國立臺北科技大學)
P2-D-08	<b>HDPE/LM-PET 並列複合纖維技術與開發</b> 許冠昱 (南臺科技大學)
P2-D-09	<b>電漿表面處理對於聚酯與尼龍織物再塗布加工後物性影響之研究</b> 張家豪 (中國文化大學)
P2-D-10	<b>使用不同溫度與催化劑結合冷凝迴流法製備聚醯亞胺薄膜之研究</b> 游子慶 (國立臺北科技大學)
P2-D-11	<b>Electrospun Polyethylene Furanoate Nonwoven Substrates with PEDOT:PSS Film for Flexible Thermoelectric Generators</b> 黃以璿 (國立臺灣大學)
P2-D-12	<b>以混煉法與固態聚合法提高熱塑性聚酯彈性體的分子量及支化程度</b> 鍾旻潔 (國立臺灣大學)
P2-D-13	<b>水熱法製備奈米銅/碳材料與性質分析</b> 沈祐任 (中國文化大學)
P2-D-14	<b>高分子靜電紡絲應用於太陽能電池之研究</b> 李國誠 (中國文化大學)
P2-D-15	<b>Multifunctional Electrospun Nanocomposite Fibers for the Detection of Various Biomarkers in Exhaled Breath</b> 陳美瑜 (長庚大學)
P2-D-16	<b>批次發泡視覺化機台建立與發泡過程視覺化</b> 張宇志 (國立臺灣科技大學)
P2-D-17	<b>探討甲基側鏈對於聚己二酸對苯二甲酸丁二醇酯熔融強度之影響</b> 詹子嫻 (國立臺北科技大學)
P2-D-18	<b>家用微波爐合成離子液體 BMIM[Cl]溶解纖維素之研究</b> 黃柏文 (逢甲大學)

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	<b>透過田口方法評估合成條件對 SnO<sub>2</sub> 奈米顆粒結晶尺寸的影響</b> 蔡廣 (逢甲大學)
P3-A-02	<b>Investigation of Kinetic Mechanisms of Trapping of Structural Coloration</b> 林則諺 (國立中山大學)
P3-A-03	<b>Using block copolymers to prepare mesoporous materials and utilizing them to fabricate low refractive index scattering films</b> 施丞祐 (國立中山大學)
P3-A-04	<b>Enhancing Solar-Driven photocatalytic Hydrogen Production through Incorporation of ZnIn<sub>2</sub>S<sub>4</sub> with BaTiO<sub>3</sub> Piezocatalyst To Decompose Polymeric Biomass</b> 彭鈺祺 (長庚大學)
P3-A-05	<b>Rational Design and Synthesis of Fully <math>\pi</math>-Conjugated and Diyne-linked Conjugated Microporous Polymers for High-Performance Capacitive Energy Storage</b> 王珮慈 (國立中山大學)
P3-A-06	<b>新穎 human hair 環保奈米複合發電織物</b> 歐俊顯 (義守大學)
P3-A-07	<b>各式生物廢棄洋蔥製備高穩定與輸出性能之摩擦電奈米發電機及其應用</b> 林紀緯 (明志科技大學)
P3-A-08	<b>Rational Design and Synthesis of Ultrastable Conjugated Microporous Polymers Containing Pyrene and Ferrocene Moieties for High-Performance Capacitive Energy Storage</b> 陳念萍 (國立中山大學)
P3-A-09	<b>Investigating the Impact of Insulated Segments within Poly(3-Hexylthiophene)-Based Block Copolymers on the Performance of Organic Electrochemical Transistors</b> 李佳穎 (國立成功大學)
P3-A-10	<b>使用全共軛嵌段共聚物增強無駐極體光電晶體式記憶體的性能</b> 陳羿姣 (國立臺灣科技大學)
P3-A-11	<b>Impacts of Coupled Brownian Force and Side-Chain Unit on Polymer Persistence Length and Association Behavior in Good Solvent Media: A Revisit of the Classical Criteria</b> 陳柏宇 (國立中正大學)
P3-A-12	<b>Exploring the Effects of Delayed Fluorescence Generated through Triplet-Triplet Annihilation on Phototransistor Memory</b> 黃子玥 (國立臺灣大學)
P3-A-13	<b>電洞傳輸層材料之咪唑類同分異構物合成路徑比較</b> 蘇子維 (逢甲大學)
P3-A-14	<b>Enhanced performance of p-n binary crystals in photocatalytic water splitting by arrayed gold nanoparticles</b> 鄭傑文 (國立成功大學)
P3-A-15	<b>聚醯亞胺材料之散逸因數研究</b> 賴敬嶸 (國立成功大學)
P3-A-16	<b>Optoelectronic Properties of Conjugated Polymers in High-Entropy Environments</b> 黃子哲 (國立清華大學)
P3-A-17	<b>Morphology and Crystallization Behavior of Electrospun Coaxial Poly(butylene succinate)/Poly(L-lactide) Fibers</b> 蔡奕昕 (國立成功大學)

海報編號	題目與發表作者
P3-A-18	<b>Photoexcitation on P3HT in Nanofilms: Conformational Changes, Constraints Release, and Macromolecular Diffusion</b> 劉學謙 (國立清華大學)
P3-A-19	<b>共軛高分子光激發對分子構型以及薄膜內高分子擴散行為的影響</b> 許展毓 (國立清華大學)
P3-A-20	<b>Incorporating the Stereoisomeric Conjugation Break Spacers into Diketopyrrolopyrrole-Based Conjugated Polymer through Random Terpolymerization</b> 陳品宏 (國立成功大學)
P3-A-21	<b>機械拉伸對共軛聚合物電荷導電性的影響</b> 陳揚晰 (國立清華大學)
P3-A-22	<b>利用鈣鈦礦量子點與二酮吡咯並吡咯基共軛高分子實現低能耗之光子突觸電晶體</b> 蔡承航 (國立臺北科技大學)
P3-A-23	<b>以靜電紡絲混紡技術開發含有兩性離子的多層結構隔離膜</b> 許洵鈞 (國立臺灣科技大學)
P3-A-24	<b>Preparation of Zwitterionic-grafted Nanoparticles for Solid-state Polymer Electrolytes</b> 李兆翊 (國立臺灣科技大學)
P3-A-25	<b>通過添加溴化鋅優化晶體尺寸以實現穩定的藍光鈣鈦礦發光二極體</b> 吳冠德 (國立臺北科技大學)
P3-A-26	<b>Supercapacitive Properties of Gel Electrolyte Composed of Black Phosphorene or Oxidized Carbon Fibers</b> 林威志 (國立成功大學)
<b>高分子複合與混成材料</b>	
P3-B-01	<b>Highly Conductive Triple Network Hydrogel Thermochemical Cells with Low-Grade Heat Harvesting</b> 鄭羽煊 (國立臺灣大學)
P3-B-02	<b>用於高性能電磁波遮蔽之輕量化鳳梨葉奈米結晶纖維素發泡材料</b> 黃渝樺 (國立臺北科技大學)
P3-B-03	<b>藉由 Diels-Alder 化學開發可自我修復之聚氨基酯材料</b> 關君潔 (國立臺北科技大學)
P3-B-04	<b>Synthesis and Characterization of Poly(<math>\epsilon</math>-caprolactone)-Glycidyl Azide Polymer-Poly(<math>\epsilon</math>-caprolactone) Triblock Copolymers for Energetic Thermoplastic Elastomers</b> 蔡明諺 (國立中山大學)
P3-B-05	<b>電活性聚脲/鋅粉/還原氧化石墨烯複合材料之製備、鑑定及其在重度防蝕塗層上之應用研究</b> 曾鈺婷 (中原大學)
P3-B-06	<b>鈦金屬有機骨架之合成與應用及其於低熔點 rPET 聚酯之催化應用研究</b> 張薰尹 (中原大學)
P3-B-07	<b>可視化 UV 遮蔽軟包材</b> 劉聖揚 (工業技術研究院)
P3-B-08	<b>尼龍複合材料混摻加工探討</b> 賴美君 (工業技術研究院)
P3-B-09	<b>對苯二甲酸分子有機金屬框架對氧化亞銅比表面積之影響</b> 雷嘉惠 (國立臺北科技大學)

海報編號	題目與發表作者
P3-B-10	<b>開發聚苯胺複合材料及電磁干擾屏蔽之應用</b> 黃俊興 (國立臺北科技大學)
P3-B-11	<b>以 3D 列印製備具柔性奈米銀/石墨烯/光固化樹脂奈米複合材料元件並應用於穿戴式生理感測裝置</b> 蘇聖堯 (國立臺灣科技大學)
P3-B-12	<b>石墨烯/氮化硼/熱塑性聚氨酯複合織物應用於智能降溫空調服飾</b> 孫三合 (國立臺灣科技大學)
P3-B-13	<b>奈米銀混成奈米碳基材料之奈米纖維電極及其智慧衣應用</b> 張晴惠 (國立臺灣科技大學)
P3-B-14	<b>聚苯并咪唑系列高分子作為新型質子交換膜之性質研究</b> 林致佑 (南臺科技大學)
P3-B-15	<b>Simulation of Oxygen and Water Barrier Properties of Polyethylene and Polypropylene Package Film</b> 陳鍵誼 (工業技術研究院)
P3-B-16	<b>Poly(Lactic Acid)-Based Composites Modified with Poly (Glycerol Maleate)</b> 王品媛 (國立清華大學)
P3-B-17	<b>Syntheses and Characterization of Polyimides with Polydimethylsiloxane on the Main chain</b> 陳惠雯 (國立中山大學)
P3-B-18	<b>Synthesis of Mesoporous Material Based on Triblock Copolymer and Phenolic/POSS Hybrid</b> 陳品翰 (國立中山大學)
P3-B-19	<b>Development of 3D Printed Biodegradable Composites for Coral Restoration</b> 邱彥榕 (國立清華大學)
P3-B-20	<b>Development of Elastic Photo-cured Printing Resin for Surgical Soft Human Organs Simulators</b> 劉穎叡 (國立中山大學)
P3-B-21	<b>Fabrication of Highly Stretchable and Conductive Hybrid Electronic Materials for Electrocardiogram and Electromyogram Applications</b> 李嘉文 (國立臺灣科技大學)
P3-B-22	<b>The production of foaming bacterial cellulose with violacein by co-culturing with Komagataeibacter xylinus and metabolically engineered Escherichia coli for the application of heavy metal removal</b> 林云心 (國立臺灣大學)
P3-B-23	<b>Biosynthetic melanin/ foaming bacterial cellulose as adsorbents for removing heavy metal ions</b> 顧子嵐 (國立臺灣大學)
P3-B-24	<b>Development of New Permanent Denture Resin with Enhanced Mechanical Properties Using Ceramic Powder</b> 陳昱安 (國立中山大學)
P3-B-25	<b>不同二胺單體之聚醯亞胺介孔二氧化矽中空奈米管複合材料於高頻之介電特性</b> 劉祐瑄 (國立中興大學)
P3-B-26	<b>Study on the crystallization kinetics of polyglycolic acid under isothermal crystallization conditions</b> 陳厚甫 (國立雲林科技大學)



海報編號	題目與發表作者
P3-B-27	永續可循環複合材料:PVA/稻殼灰水凝膠 吳承遠 (義守大學)
P3-B-28	以 A2+B3 方式聚合可光固化高分歧聚酯及其性質研究 許家瑜 (國立臺北科技大學)
P3-B-29	溶劑極性高低及質子酸添加順序對共價有機框架材料結晶度的影響 王薇絮 (逢甲大學)
P3-B-30	Highly entangled zwitterionic hydrogels 莊英傑 (國立中央大學)
P3-B-31	Evaluation of modified disulfide-containing elastomer 歐鎧 (國立中央大學)
P3-B-32	新型廢棄物環保轉化技術於 3D 列印之應用 黃韋程 (義守大學)
P3-B-33	以 AB2 型單體聚合可光固化高分歧聚酯及其性質研究 黃鈺勳 (國立臺北科技大學)
P3-B-34	Fabrication of Stretchable Electrode by Oxidation-Resistance Copper Nanowires/Carbon Nanotubes 王翊愷 (國立成功大學)
P3-B-35	Dipole-dipole interactions between ferroelectric crystals and enhanced phase polarity 李奕霆 (國立成功大學)
P3-B-36	Guided evolution and dispersion of coordinate polymer crystals for efficient electrocatalytic water splitting 陳詠晴 (國立成功大學)
P3-B-37	Novel Carbon Nanotube/Conjugated Microporous Polymer Thermoelectric Nanohybrid with High zT Value and Ultralow Thermal Conductivity 林孟傑 (國立臺灣大學)
<b>高分子化學與綠色及生醫應用</b>	
P3-C-01	Effect of peptide copolymers scaffolds with different molecular weights on the growth of PC12 cells 林子婷 (國立臺灣科技大學)
P3-C-02	Replace toxic solvents in PBG solution and prepare nanofibers for application on biological scaffolds 李家賢 (明志科技大學)
P3-C-03	TEROL®1254 一種新型永續再利用的水性聚氨酯合成原料性能與評價 謝鼎獻 (國立臺北科技大學)
P3-C-04	Design and Characterization of Redox-Responsive Polymeric Hydrogels via RAFT Polymerization and post-crosslinking 廖紘婕 (國立臺北科技大學)
P3-C-05	Hydrogenation of Adiponitrile over Fixed-Bed Nickel Catalysts 李欣隆 (台灣中油股份有限公司煉製研究所)
P3-C-06	熱塑性生質聚氨酯複合材料的製備及性能研究 陳至煜 (國立臺北科技大學)
P3-C-07	開發生質自修復綠色聚氨酯脲材料 沈國璋 (國立臺北科技大學)

海報編號	題目與發表作者
P3-C-08	<b>Strain-Insensitive and Near Amorphous N-type Semiconducting Polymers Comprising Biaxially-Extended Conjugated Side-Chain Design</b> 陳俊吉 (國立成功大學)
P3-C-09	<b>Development of Conjugated Polymer Nanoparticles with NIR-II Fluorescence and Photocatalytic Hydrogen Production for In Situ Hydrogen-Photothermal Therapy of Glioblastoma</b> 莊英讓 (國立清華大學)
P3-C-10	<b>Research on photoresponsive azobenzene random copolymers and its selfassembly behavior to form micell</b> 方少右 (國立高雄科技大學)
P3-C-11	<b>比較 2D 與 3D 培養系統對細胞分泌外泌體的影響</b> 陳澄仔 (國立臺灣科技大學)
P3-C-12	<b>Fabrication of Flexible Piezoelectric Skin Patches Using High <math>\beta</math>-form Crystalline PVDF</b> 高詩涵 (國立高雄大學)
P3-C-13	<b>Green Synthesis of CaO-based Photocatalyst from Waste Eggshells and Their Uses for Photo-cleavage of PLA</b> 陳皓群 (國立高雄大學)
P3-C-14	<b>Synthesis and characterization of biodegradable poly(glycerol fumarate)</b> Muhammad Hanif (National Tsing Hua University)
P3-C-15	<b>Creating Nanostructures by Combining Fluorescent Carbon Quantum Dots with Thermoshrink Film to Achieve High Sensitivity Sensing and Signal Enhancement</b> 何翰章 (南臺科技大學)
P3-C-16	<b>微米級氫鍵亞胺共價有機框架材料用於胰蛋白酶固定與傳送</b> 吳婷瑜 (國立臺灣科技大學)
P3-C-17	<b>Development of water-soluble polymer films using CMC and PGM</b> 范譯元 (國立清華大學)
P3-C-18	<b>以鄰苯二胺、丁烷四羧酸與 3-氨基丙基三乙氧基矽烷備製螢光矽碳奈米點及其檢測</b> 吳宇茹 (中山醫學大學)
P3-C-19	<b>Dopamine-Initiated One-step Coating of Expanded Poly(tetrafluoroethylene) for Enhanced Thermostability and Biocompatibility</b> 盧冠瑾 (中原大學)
P3-C-20	<b>Surface modification using zwitterionic hydrogel coatings in polymerizable deep eutectic system</b> 陳溢霖 (國立高雄大學)
P3-C-21	<b>Preparation of flexible conductive rubbers for the uses of dry electrodes</b> 曹德禹 (國立高雄大學)
P3-C-22	<b>Investigating the Degradation Characteristics of Poly(glycerol maleate) (PGM)-Based Composite Film in Marine Environments</b> 劉語恩 (國立清華大學)
P3-C-23	<b>Dopamine-assisted zwitterionization of glass results in an antifouling, fog-resistant, and frost-resistant surface</b> 張巧玲 (中原大學)
P3-C-24	<b>Upcycling waste polycarbonate to poly(carbonate imine) vitrimers with high thermal properties and unprecedented hydrolytic stability</b> 李孟軒 (國立中興大學)

海報編號	題目與發表作者
P3-C-25	<b>Fabrication of Thermally Stable Bioinert Poly(vinylidene fluoride) Membranes Blended with Poly(4-vinylpyridine propylsulfobetaine) via Vapor-Induced Phase Separation</b> 李珮瑄 (中原大學)
P3-C-26	<b>Stimulation of Collagen Regeneration Using Hyaluronic Acid Microneedles Containing Poly-L-Lactic Acid Microspheres</b> 林宜瑾 (國立成功大學)
P3-C-27	<b>製備滅蚊 Ellipticine 控制釋放微膠囊之研究</b> 楊國明 (正修科技大學)
P3-C-28	<b>3-Aminophenylboronic acid modified DNA nanocarriers for anticancer drug delivery</b> 林昱秀 (臺東大學)
P3-C-29	<b>Benzyl derivative-crosslinked DNA/PVA films in antibacterial applications</b> 邵玢瑋 (國立臺東大學)
P3-C-30	<b>Photoresponsive Properties and Structures of Azobenzene-Containing Diblock Copolymers</b> 陳品瑜 (國立成功大學)
P3-C-31	<b>Synthesis of Multiresponsive Azobenzene-containing Diblock Copolymer</b> 王昱凱 (國立成功大學)
P3-C-32	<b>利用原子轉移自由基乙烯基自縮合聚合製備超分支聚合物與應用</b> 陳宜伶 (國立中興大學)
P3-C-33	<b>Synthesis of Zwitterionic Cross-linked Core-shell Block Copolymers for Solid-state Electrolyte</b> 曾靚 (國立臺灣科技大學)
P3-C-34	<b>Investigation on the Structure of Polyimides with Low Dielectric and Low Hygroscopic Properties</b> 劉瑜 (國立臺灣大學)
<b>高分子加工與纖維紡織</b>	
P3-D-01	<b>修復肌腱用搭載藥物/膠原奈米纖維之開發</b> 洪伯魁 (長庚大學)
P3-D-02	<b>齒槽脊保存術用 3D 列印/電紡藥物釋放支架之研究</b> 李博勛 (長庚大學)
P3-D-03	<b>治療齒槽骨缺陷用攜帶自體脂肪/藥物支架之開發</b> 郭殷廷 (長庚大學)
P3-D-04	<b>透過電噴霧技術製備羅哌卡因/地塞米松釋放聚 (D, L-丙交酯-乙交酯) 微粒用於術後疼痛控制</b> 黃偉剛 (長庚大學)
P3-D-05	<b>自修復性、可撓性與可拉伸性之柔性奈米混成纖維電極材料製備及其智慧衣應用</b> 陳泓璋 (國立臺灣科技大學)
P3-D-06	<b>Graphene/Boron Nitride/Thermoplastic Polyurethane Nanohybrid Films with Excellent Stretchability and High Thermal Conductivity for Personal Cooling Garments</b> 王瑞新 (國立臺灣科技大學)
P3-D-07	<b>以光散射法分析電紡絲液柱直徑與微結構</b> 謝宛霖 (國立成功大學)
P3-D-08	<b>Advanced Electrospun rGO/PEDOT:PSS/TPU Nanofiber Electrodes: Flexible, Stretchable, and Conductive Stability Wearable Devices for Enhanced ECG and EMG Monitoring</b> 歐紫安 (國立臺灣科技大學)

海報編號	題目與發表作者
P3-D-09	<p><b>奈米銀線與銀顆粒對銀漿料之物性探討</b></p> <p>廖政穎 (中國文化大學/豪紳纖維科技股份有限公司)</p>
P3-D-10	<p><b>環保型油水分離膜貼合不織布之研究</b></p> <p>彭靖淳 (中國文化大學)</p>
P3-D-11	<p><b>針對尼龍織物經不同後處理加工對織物外觀及牢度影響之研究</b></p> <p>黃郁涵 (中國文化大學)</p>
P3-D-12	<p><b>Photo-Responsive Smart-Healing Fibers via Electrospinning</b></p> <p>徐彥紳 (國立陽明交通大學)</p>
P3-D-13	<p><b>Preparation of <i>st</i>-PMMA/C<sub>60</sub> Inclusion Complex Fibers for Organic Aromatic Vapor Detection</b></p> <p>曾文綜 (國立臺北科技大學)</p>
P3-D-14	<p><b>Wet Spinning Technology for the Development of PEDOT:PSS Conductive Fibers</b></p> <p>胡杰東 (國立臺北科技大學)</p>
P3-D-15	<p><b>可再加工及回收的環氧 Vitrimer 黏著劑</b></p> <p>陳妍之 (國立臺北科技大學)</p>
P3-D-16	<p><b>RGO 彈性導電奈米纖維增強技術應用於運動感測元件</b></p> <p>陳旻萱 (義守大學)</p>
P3-D-17	<p><b>具中孔洞二氧化矽奈米粒子之核-殼奈米纖維作為支架塗層用於藥物緩釋</b></p> <p>林竑暉 (國立中正大學)</p>
P3-D-18	<p><b>前瞻複合奈米纖維應用於新型柔性壓電能量收集器</b></p> <p>陳威彪 (國立臺北科技大學)</p>

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	<b>多孔聚鹽亞胺/聚離子液體高分子複合隔膜</b> 林以翔 (國立中山大學)
P4-A-02	<b>Complex Spherical Structures of Sugar-based Discrete Block Oligomers Modulated by the Molecular Architecture</b> 張庭維 (國立清華大學)
P4-A-03	<b>新型高分子發光二極體元件之製程開發</b> 顏嘉得 (逢甲大學)
P4-A-04	<b>Enhancing Performance and Sustainability of Poly(3-hexyl thiophene)-Based Organic Solar Cells through Tailored Small Molecule Acceptors</b> 朱祐陞 (國立陽明交通大學)
P4-A-05	<b>Multicomponent Polymer Blends for Enhanced Lithium-Ion Transport</b> 趙嘉煥 (國立清華大學)
P4-A-06	<b>Femtosecond Ultrafast Relaxation of a Photo-Excited Conjugated Polymer in Diluted and Concentrated Solutions</b> 陳子為 (國立清華大學)
P4-A-07	<b>Cellulose Blends for Enhanced High-Entropy Effects on Molecular Crystallization, Hygroscopic Properties, and Ionic Conductivity</b> 孫文泰 (國立清華大學)
P4-A-08	<b>Exploring Luminescence Augmentation in Stretched Polystyrene Films Doped with Rhodamine 6G: Concentration Impact and Stretch-Induced Photophysical Changes</b> 郭晏妤 (國立清華大學)
P4-A-09	<b>Surface Modification of Metal-Organic-Frameworks-Derived Electrocatalysts by Atomic Layer Deposition for Alkaline Water Electrolysis</b> 林媛馨 (國立臺灣大學)
P4-A-10	<b>Engineering Strategy on PVDF-HFP as Flexible Piezoelectric Nanogenerator</b> Reto Damastuti (National Taiwan University of Science and Technology)
P4-A-11	<b>Enhanced ion conductivity and gas-barrier property of anion-exchange membranes via surface modification with ionomer/graphene oxide composites</b> 廖奕融 (國立臺灣大學)
P4-A-12	<b>探討廢棄手套應用在鹼性電解水電催化性能的影響</b> 江姿萱 (國立聯合大學)
P4-A-13	<b>Hierarchical Structures of the Blends of Block Copolymer and Polymer-ionic Liquid Conjugates</b> 莊荃華 (國立清華大學)
P4-A-14	<b>Magnetic-Field Induced Lamellae-to-Double Gyroid in Diblock Copolymer/Nanoparticle Nanocomposites</b> 王映潔 (國立中興大學)
P4-A-15	<b>Area-selective coating of organic-inorganic hybrid perovskite photo-absorber films for semitransparent photovoltaic devices using hydrophobic polymer patterns</b> 莊洵傑 (國立臺灣大學)
P4-A-16	<b>Microplasma Enable 3D GQD@MXene Composite Polymer Toward High Efficient Photothermal-induced Desalination and Electricity Generation</b> 葉倫歡 (國立臺灣大學)

海報編號	題目與發表作者
P4-A-17	<b>A-DA'D-A structured small molecule acceptor binary alloy enhances open- circuit voltages and efficiencies in ternary- blend photovoltaics</b> 歐芳呈 (國立陽明交通大學)
P4-A-18	<b>Establishing a Fast and Reasonably Accurate Computational Protocol for the Prediction of Glass Transition Temperature</b> 梁方廷 (國立清華大學)
P4-A-19	<b>金屬有機硫族化合物薄膜製程在電晶體上的應用</b> 林志穎 (國立臺灣師範大學)
P4-A-20	<b>Hydrogel-based Matrix with Silver Nanowires Coating for Stabilizing Inorganic Photocatalyst to Enhance Photoelectrochemical Water Splitting</b> 黎秉衡 (國立清華大學)
P4-A-21	<b>Formation of Body-Centered Cubic and Face-Centered Cubic Superlattices in a Nanoparticle-Containing Diblock Copolymer Nanohybrid as Induced by Magnetic Fields</b> 邱文聖 (國立中興大學)
P4-A-22	<b>Innovative Indolocarbazole-Based Small Molecule Donors for Enhanced Performance in Ternary Organic Photovoltaic Systems</b> Suci Aldila Dinanti (Ming Chi University of Technology)
P4-A-23	<b>Photostability of Y-series Fullerene-Free Acceptors in Organic Solar Cells</b> 邱韻庭 (國立中興大學)
P4-A-24	<b>Kinetic Mechanisms of the Magnetic-Field Directed Double Gyroid in a Diblock Copolymer/Magnetic Nanoparticle Nanocomposite Film</b> 林聖傑 (國立中興大學)
P4-A-25	<b>Low Critical Ordering Transition of a Nanoparticle-Containing Diblock Copolymer</b> 王暄閔 (國立中興大學)
<b>高分子複合與混成材料</b>	
P4-B-01	<b>非富勒烯系統於高性能有機光電探測器之應用研究</b> 陳彥廷 (明志科技大學)
P4-B-02	<b>非富勒烯系統於高性能有機太陽能電池之應用研究</b> 徐嘉宏 (明志科技大學)
P4-B-03	<b>含有苯並咪唑結構之聚醯亞胺的合成與性質研究</b> 李毓欽 (國立臺北科技大學)
P4-B-04	<b>以非鹵素溶劑製備的高效能有機光伏電池</b> 曹祐璋 (明志科技大學)
P4-B-05	<b>新型小分子三醯亞胺衍生物於聚合物太陽能電池介面工程及電子傳輸成之應用研究</b> 黃子敏 (明志科技大學)
P4-B-06	<b>Fabrication of PLA/PEBA blend-based nanocomposites with enhanced burning anti-dripping and physical properties</b> 陳柔安 (長庚大學)
P4-B-07	<b>聚乳酸摻合體為基材之奈米複合材料與發泡體製備暨鑑定</b> 林禹辰 (長庚大學)
P4-B-08	<b>TPEE/PLA blend-based nanocomposites and their supercritical carbon dioxide induced foams</b> 陳星仔 (長庚大學)
P4-B-09	<b>原位注射型微胞-水凝膠複合體於眼部藥物傳輸及其抗氧化活性之研究</b> 江哲瑤 (國立中正大學)

海報編號	題目與發表作者
P4-B-10	利用不同配體製備准二維鈣鈦礦並結合長碳鏈/苯環官能基之高分子光響應記憶體元件 張崧德 (國立臺北科技大學)
P4-B-11	新型自修復材料應用於鈣鈦礦量子點之 LED 與 Laser 智慧元件 蔡群澤 (國立臺北科技大學)
P4-B-12	Polymer side chain engineering for enhanced thermoelectricity in poly(phenylene-diethynylene)/carbon nanotubes nanocomposites 施暉宸 (國立臺灣大學)
P4-B-13	促進 CO <sub>2</sub> 傳輸與 CO <sub>2</sub> /N <sub>2</sub> 分離效能之 Pebax-PEG/TiO <sub>2</sub> -NH <sub>2</sub> 混合基質薄膜 林軒羽 (國立中興大學)
P4-B-14	聚丁二酸丁二醇酯/聚對苯二甲酸丙二醇酯之溶液摻混法與結晶性質研究 黃家好 (國立高雄大學)
P4-B-15	聚對苯二甲酸丙二酯/聚丁二酸丁二酯之反應性摻合研究 湯博文 (國立高雄大學)
P4-B-16	Effect of graphene on the thermal properties of epoxy resin 林晨熙 (國立宜蘭大學)
P4-B-17	Hydrogelation of polypeptide-poly(ethylene glycol)-polypeptide amphiphilic triblock copolymers using L-cysteine derivatives 潘氏霞媚 (國立成功大學)
P4-B-18	官能化奈米二氧化矽摻雜氧化石墨烯之環氧樹脂複合材料熱性質之研究 歐珍方 (國立勤益科技大學)
P4-B-19	Synthesis and Electrochromic Properties of Aromatic Polyamides with (3,6-Dimethoxycarbazol-9-yl)triphenylamine Units 蕭勝輝 (國立臺北科技大學)
P4-B-20	Synthesis and Optoelectronic Properties of Polyamides and Polyimides with Ortho Methyl Substituted Triphenylamine Units 蕭勝輝 (國立臺北科技大學)
P4-B-21	光響應性高分子材料之熱性質探討與親疏水表面改質應用 梁祐禎 (國立高雄科技大學)
P4-B-22	Preparation of Biodegradable Thermoplastic Starch/ Thermoplastic Polyvinyl Alcohol (TPS/TPVA) Blend Films by the Blown Film Extrusion Process 林裕恩 (國立聯合大學)
P4-B-23	Characterization and Performance of Silicon Quantum Dots-Polymer Thin-Film Composite Membranes for Nanofiltration Process 黃書賢 (國立宜蘭大學/中原大學)
P4-B-24	以預碳化法研究無石棉有機複合剎車片抗熱衰竭性能 高環嚴 (國立高雄科技大學)
P4-B-25	Synthesis and Optoelectronic Properties of Electroactive Polyamides with 3,6-Bis(diphenylamino)carbazole Units 吳育鑽 (國立臺北科技大學)
P4-B-26	Unzipping and self-healing behaviors of double-network hydrogels with the dispersion of gold nanoparticles 王珮璇 (國立成功大學)
P4-B-27	利用分子動力學探討隨機聚酯共聚物相分離現象及其對機械性質之影響 游卉榆 (國立臺北科技大學)

海報編號	題目與發表作者
P4-B-28	<b>Self-Assembly of Slender Springtail-Inspired Hierarchical Structures for Superhydrophobic/Self-Cleaning Coatings</b> 林信華 (國立中興大學)
P4-B-29	<b>Plasma-Engineered GQD-Based Nanocomposites as Smart CO<sub>2</sub>-Philic Membranes with Extremely High Separation Performance</b> 陳劭宇 (國立臺灣大學)
P4-B-30	<b>生質水性丙烯酸系乳液聚合及其塗料研究</b> 褚建辰 (工業技術研究院)
P4-B-31	<b>Reconfigurable Anticounterfeiting Materials Enabled by Vapor-Responsive Photonic Crystals</b> 呂潔萱 (國立中興大學)
P4-B-32	<b>Goose Feather-Inspired Inclined Conical Structure Arrays for Oil/Water Separations</b> 許廷芳 (國立中興大學)
P4-B-33	<b>用於生醫毒品檢測之雙功能雷射雕刻石墨烯表面增強拉曼散射基板</b> 林盈君 (明志科技大學)
P4-B-34	<b>Self-Assembly of Insect Wing-Inspired Multifunctional Structures</b> 鄭雅蓮 (國立中興大學)
P4-B-35	<b>Self-Assembly of an Amphiphilic Comb Copolymer Bearing Mesogens towards Applications of Toughening Agents in Epoxy Resins</b> 楊嘉昀 (國立中興大學)
P4-B-36	<b>Effect of copper tungstate on the thermal properties of epoxy resin</b> 王博弘 (國立宜蘭大學)
P4-B-37	<b>不同結構之丙烯酸酯應用於聚合物穩定型膽固醇液晶之特性探討</b> 鄭詠心 (國立臺北科技大學)
<b>高分子化學與綠色及生醫應用</b>	
P4-C-01	<b>Preparation of hydrophilic polymer grafted nitrogen doped quantum dots and their application in biocompatibility and drug delivery system</b> 黃韻庭 (元智大學)
P4-C-02	<b>Tetraphenylethylene based conjugated polycarbazoles as dual responsive fluorescent chemosensor for sensing Fe<sup>3+</sup> and PA</b> 簡嘉儀 (元智大學)
P4-C-03	<b>Self-assembly by Reversible Addition Fragmentation Chain Transfer Polymerization to Prepare Thermal-Sensitive Micelles</b> 謝其晉 (國立中興大學)
P4-C-04	<b>Synthesis and Characterization of Norbornene-based Copolymers Containing Triethylene Glycol Monomethyl Ether, Tetraphenylethene and Nitro-tetraphenylethene Pendants</b> 張立姍 (國立臺灣科技大學)
P4-C-05	<b>Crosslinking polyvinyl alcohol with natural aromatic aldehydes prepares antibacterial films</b> 楊景欽 (國立成功大學/國立臺東大學)
P4-C-06	<b>Synthesis and Characterization of N-decyl, N-triethylene glycol, Tetraphenylethenyl and 4-Methylenetetraphenylethenyl Substituted 2,7-Polycarbazoles</b> 吳承翰 (國立臺灣科技大學)
P4-C-07	<b>靜電紡絲製備甲殼素或殼聚糖/PEO 奈米纖維之研究</b> 吳哲毅 (義守大學)



海報編號	題目與發表作者
P4-C-08	<b>The Development of Injectable, Antioxidant, and Tissue-Adhesive Nanocomposite Hydrogel for the Retinal Tissue Engineering</b> 張凱翔 (國立臺灣大學)
P4-C-09	<b>Highly thermal and mechanical stable bio-based polyimide for flexible electronic application</b> 洪永騰 (國立臺北科技大學/國立臺灣大學)
P4-C-10	<b>廢輪胎橡膠再生循環技術應用於自行車胎開發</b> 吳耀祖 (工業技術研究院)
P4-C-11	<b>Antibacterial activities of functional groups on the benzene rings in nucleic acid nanocarriers</b> 陳雪茹 (國立臺東大學)
P4-C-12	<b>回收 PET 製備水性高分子分散劑</b> 林政凱 (台灣中油股份有限公司煉製研究所)
P4-C-13	<b>Biofilm-enhanced photocatalytic activity of COF materials in hydrogen evolution via water splitting</b> 李旭承 (國立成功大學)
P4-C-14	<b>超薄金屬透明電極於可見光吸收半透明有機太陽能電池之應用研究</b> 游洋雁 (明志科技大學)
P4-C-15	<b>Synthesis and Characterization of Molecules Containing Thiophene, Anthracene, Triptycene and Tetraphenylethylene</b> 謝婷羽 (國立臺灣科技大學)
P4-C-16	<b>Dual-Targeting EGCG/NO-Supplied-Biomacromolecule Nanoparticles with Multi-Synergistic Effects Against Atherosclerosis</b> 林驥 (臺北醫學大學)
P4-C-17	<b>咖啡渣應用於功能性水性聚胺基甲酸酯</b> 薛家琳 (國立中興大學)
P4-C-18	<b>不同構型的含酮基脂環族二酸酐單體與其聚醯亞胺高分子的合成</b> 吳適仲 (國立臺灣科技大學)
P4-C-19	<b>Synthesis and Characterization of Macromonomers NB-PCL, NB-PLLA, NB-PEG and Polymers Poly(NB-PCL), Poly(NB-PLLA) and Poly(NB-PEG)</b> 李心瑀 (國立臺灣科技大學)
P4-C-20	<b>Development of injectable genipin cross-linked chitosan hemostasis hydrogels</b> 盧子威 (臺北醫學大學)
P4-C-21	<b>以微弧氧化法於純鋁金屬表面製備含銀陶瓷膜與後處理之研究</b> 黃子韻 (大葉大學)
P4-C-22	<b>A Comprehensive Investigation into the Correlation between Novel Pyrazine-Type Organic Redox Couples and Thermoelectric Performance for Wearable Thermoelectric Harvesters</b> 李嘉祐 (國立臺灣大學)
P4-C-23	<b>Antifouling PEGylated PVDF membranes prepared utilizing an environmentally sustainable solvent alternative</b> 黃元禎 (中原大學)
P4-C-24	<b>Effects of Nanoscale Laponite Clay on the Behaviors of PBL-PEG Diblock Copolymer Micelles and Thermal Gels</b> 游芝蓉 (元智大學)

海報編號	題目與發表作者
P4-C-25	<b>The sequential co-culture of Komagataeibacter xylinus and Lactococcus lactis on nisin/foaming bacterial cellulose composites production and its material properties analysis</b> <i>盧元明 (國立臺灣大學)</i>
P4-C-26	<b>靜電紡絲法製備聚乙二醇含稀土元素奈米纖維膜之抗菌性能</b> <i>黃鈺崑 (大葉大學)</i>
P4-C-27	<b>Isolation and label-free detection of circulating tumour cells by fluidic diffraction chips with a reflective laser beam system</b> <i>林豐平 (國立臺灣科技大學)</i>
<b>高分子加工與纖維紡織</b>	
P4-D-01	<b>Preparation and Properties of Thermoplastic polyurethane (TPU)/Ethylene-vinyl-acetate (EVA)/Carbon Nanotubes (CNTs) Shape Memory Nanocomposites</b> <i>賴佑銘 (國立宜蘭大學)</i>
P4-D-02	<b>Innovative Solutions for Low VOC, Low Viscosity Polyester Resins and High-Performance Weather-Resistant Coatings</b> <i>林宏誠 (工業技術研究院)</i>
P4-D-03	<b>電紡絲製程中 Taylor cone 內流場研究</b> <i>黃威融 (國立成功大學)</i>
P4-D-04	<b>Preparation of dynamical vulcanized TPU/EVA shape memory foam elastomers</b> <i>許翔閔 (國立宜蘭大學)</i>
P4-D-05	<b>Manipulating VIPS Parameters for Wettability Optimization and Enhanced the DCMD Performances of PVDF Membranes</b> <i>陳廷瑋 (中原大學)</i>
P4-D-06	<b>製備抗菌高分子接枝纖維素奈米晶體複合材料及其應用於傷口癒合之研究</b> <i>王喻賢 (國立中山大學)</i>
P4-D-07	<b>具抗菌功能之聚碳酸酯水凝膠之製備及其抗菌特性之研究</b> <i>蔡翔名 (國立中山大學)</i>
P4-D-08	<b>運用發泡劑於快速模具之研製與應用</b> <i>呂沂馨 (明志科技大學)</i>
P4-D-09	<b>應用 AI 自動辨識微細發泡射出成品內之氣泡與其分布</b> <i>蘇品仔 (淡江大學)</i>
P4-D-10	<b>Recyclable TPSiV and Properties of Self-healing TPSiV/PCL-g-AA blends</b> <i>陳冠宇 (國立宜蘭大學)</i>
P4-D-11	<b>Preparation of chitosan nanoparticles/polyurethane nanofibers by electrospinning for antibacterial applications</b> <i>宋庭家 (明志科技大學)</i>
P4-D-12	<b>添加奈米金以提升聚吡咯薄膜導電性</b> <i>廖子晴 (逢甲大學)</i>
P4-D-13	<b>Crystallization in PVA Thin Films Studied Using Grazing-Incident Wide-Angle X-ray Scattering towards Optical Application</b> <i>吳瑞宸 (國立中興大學)</i>