

A組

金牌獎

組別	參賽題目	作者
PI-A-26	Synthesis, Characterization and Nanoaggregates of the Block Copolymers Containing Carbazolevinylens and Phenylenevinylens by Ring-Opening Metathesis Polymerization	Ching-Ju Liu、Chin-Yang Yu
PI-A-52	Creatinine Imprinted Polymer Film Modified Electrode for the Detection of Creatinine Concentration in Impedance Mode	Rei-Ming Guo (郭瑞明)、Mei-Jywan Syu (許梅娟)
PI-A-68	Continuous Culture of hESCs on Thermoresponsive Polymer Surface	Kuan-Ju Lin、Jia-Sin Yang、Akon Higuchi

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組別	參賽題目	作者
PI-A-28	High-performance thermosets derived from acetovanillone-based reactive polyethers	Yi-Siang Syue、Chien-Han Chen、Wei-Feng Shiao、Mathivathanan Ariraman、Ching-Hsuan Lin、Tzong-Yuan Juang
PI-A-43	Poly(3,4-ethylenedioxythiophene) Polymer Composite Bioelectrodes with Designed Chemical and Topographical Cues to Manipulate the Behavior of PC12 Neuronal Cells	Jia-Wei She、Nien-Chen Tsai、Jih-Guang Wu、Peilin Chen、I-Chun Chen、Jiashing Yu
PI-A-57	pH- and GSH-responsive hyaluronic acid-based micelles for treatment of colon cancer cells and cancer stem cells	Ting-Yi Lin、Tilahun Ayane Debele、Lu-Yi Yu、Cheng-Sheng Yang、Yao-An Shen、Chun-Liang Lo

銅牌獎

組別	參賽題目	作者
PI-A-17	新型具備主鏈掌性嵌段共聚高分子之合成與奈米結構自組裝研究	許容慈、李璟郁、張哲輔、王孝方、何榮銘、蔡敬誠
PI-A-31	Crosslinkable Diketopyrrolopyrrole- based Interfacial Layer for Enhancement of Device Performance on Organic Photovoltaics	Tai-Hong Lai 、 Hsiang-LinHsu 、 Ying-Chieh Chao 、 Yu- Hua Liao 、 Chih-Ping Chen 、 Ru-Jong Jeng
PI-A-83	以金奈米粒子/奈米黏土混成材料製備表面增強拉曼光譜之生物感測元件應用	Chih-Hao Wang (王峙豪)、 Ting-Yu Liu (劉定宇)、 William Anderson LeeSanchez、 Yen-Chen Lee (李彥蓁)、 Yan-Feng Chen(陳衍豐)、 Chun Hsiao (蕭淳)、 Chih-Wei Chiu (邱智瑋)

佳作

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PI-A-07	Two Surface Modification on Cellulose Nanofiber and Its Application on Washing Sustainable Water Repellent Coatings	Wei-Ting Ke、Ying-Chih Liao
PI-A-10	Synthesis of dendritic surfactants for the fabrication of honeycomb-like films	Nishiki Uchibe、Yu-Wei Cheng、Chien-Hsien Wu、Ru-Jong Jeng
PI-A-18	A Novel FRET Copolymer Based on Spiropyran and Tetraphenylethylene for Cyanide Detection in Aqueous Media	Pham Quoc Nhien、Wei-Lun Chou、Hong-Cheu Lin
PI-A-30	由環戊烷雙酚合成具有 Cardo 結構的聚氨酯	鍾昫澄、吳建欣、林玉如、蘇文燭、鄭如忠
PI-A-32	Photoresponsive Properties and Morphology of Azobenzene-Containing Amphiphilic Triblock Copolymers in Solution	Yu-Shen Wu、Chieh-Tsung Lo

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PI-A-54	發展具有標靶血栓與血栓溶解之多功能奈米金棒劑型	張理信、鄭財木、糜福龍
PI-A-67	Differentiation of Human Pluripotent Stem Cells into Cardiomyocytes Cultured on Thermo-Responsive Polymer Coated with Extracellular Matrix	Huan-Chiao Su、Tzu-Cheng Sung、Akon Higuchi
PI-A-72	開發靜電紡絲奈米碳管-導電高分子複合奈米纖維膜於親蛋白尿毒素之透析研究	蕭育生、顏士傑、劉兆威
PI-A-73	Au nanoparticles immobilization of thiol- functionalized PEDOT films for organic electrochemical transistors/SERS-active hybrid biosensors	Jia-An Chou、Yu-ShengHsiao、Chieh-Lin Chung、Po-Cheng Ho、Chun-HaoLuo、Yu-Han Tsai、Hsiao-hua Yu、Pei-lin Chen