

D組

金牌獎

組別	參賽題目	作者
PIII-D-09	Tunable interlayer spacing of composite graphene oxide-framework membrane for air-dehumidification	Pin-Hsien Li、Wei-Song Hung、Yu-Lun Lai、Kueir-Rarn Lee、Juin-Yih Lai
PIII-D-70	Fabrication and Characterization of Chitosan/Polyamine Functionalized Graphene Oxide High porosity Hybrid Foams with Highly Efficient Adsorption Performance for Reactive Red 195 Dye	Ting-Yu Cheng (程庭榆)、Kuei-Feng Cheng (鄭魁丰)、Jimmy Chi-Min Lee (李吉民)、Ming-Tsung Wu (吳明宗)、Chih-Wei Chiu (邱智瑋)

銀牌獎

組別	參賽題目	作者
PIII-D-50	奈米碳管/石墨烯/高分子混成材料於染料敏化 太陽能電池對電極之研究	Syuan-Yu Lin (林玄宇)、Yu-Sheng Chen (陳鈺聖)、You-En Shih (施友恩)、Chih-Wei Chiu (邱智瑋)
PIII-D-26	Flexible and Stretchable Electronics of Silver-coated Copper Powders/Graphene/Thermoplastic Elastomer Nanohybrids for Smart Textile Applications	Chen-Yang Huang (黃晨洋)、Guan-Yu Chen (陳冠宇)、Bo-Hong Zhou (周伯鴻)、Chih-Wei Chiu (邱智瑋)

銅牌獎

組別	參賽題目	作者
PIII-D-71	Fabrication and Layer-by-Layer Self-Assembling of Gold Nanoparticles Stabilized by Organic/Inorganic Hybrid Dispersants for Large Area and Highly Sensitive SERS Detection	Yen-Chen Lee (李彥蓁)、Chun Hsiao (蕭淳)、Chih-Hao Wang (王峙豪)、Tzu-Yi Hsiung (熊子毅)、Chih-Wei Chiu (邱智瑋)
PIII-D-33	Highly-Efficient Volatile Organic Compounds Detection of Freestanding Ag/CdSe-CdS/PMMA Sensors	Chi-Hung Lin、Ching-Ting Chiu、Ting-Hung Hsieh、Tz-Feng Lin、Kai Wang、Chao-Sung Lai、Ming-Chung Wu
PIII-D-14	Controlled Size and Shape of Pt-Pd-Carbon Cathode Catalyst with Improved Methanol Tolerance for Fuel Cell	Cindy Mutiara Septani、Ya-Sen Sun

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PIII-D-35	Low-Rigidity Polydimethylsiloxane and Its Application in Microelectronics	Yu-Hao Jen、Yu-Hong Gao、Cheng-Yao Lo
PIII-D-28	Hybrid Nanostructures of Polymer and Gold Using the Template Wetting Method	Ming-Hui Shen、Tang-Yao Chiu、Hao-Wen Ko、Jiun-Tai Chen
PIII-D-24	不同幾何型態奈米碳材料/高分子混成薄膜之高拉伸特性及其主動式發熱片應用	Tzu-Hsiang Fu (傅咨翔)、Chen-Yang Huang (黃晨洋)、Wei-Yi Tsai (蔡維溢)、Chih-Wei Chiu (邱智瑋)

佳作

組別	參賽題目	作者
PIII-D-64	Effect of Functional Nucleation Agent on the Crystallization Behaviors of Poly(L-lactic acid)	Ting-Chia Hsu(許庭嘉)、Chiao-Ying Hsu(許巧穎)、Li-Ting Lee(李立鼎)、Sheng-Ping He(何笙平)、Hsiang-Yun Tseng(曾翔運)
PIII-D-72	Preparation and research of poly(methyl methacrylate) crosslinking microspheres applied to anisotropic conductive film	Yi-Hsiang Chang、Wen-Cheng Liaw
PIII-D-07	Imidazolium-Based Ionogels via Facile Photopolymerization as Polymer Electrolytes for Lithium Ion Batteries	Yu-Chao Tseng、Shih-Hsien Hsiang、Jeng-Shiung Jan、Sheng-Shu Hou、Hsisheng Teng