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No.	Name	Title	School
PD-04	<u>Fu-Yu Chang</u> , Yi-Chu Hsu, Min-Haw Wang, Ming-Kun Chen, Ling-Sheng Jang	Hela Cell-Based 3D Interdigitated Microelectrode Array for Cellular Metabolism Detection	NCKU
PB-01	<u>C. F. Mao</u> , J. W. Liang	Utilization of Lignocellulose: Direct Acetylation of Rice Hulls	STUST

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No.	Name	Title	School
PA-02	<u>Cheng-Chien Wang</u> , and Chia-Yi Cheng	Preparation of Organic/Inorganic Nanocomposite Particles via Pickering Emulsion Polymerization	STUST
PD-07	<u>Cheng-Hsin Chuang</u> , Deng-Maw Lu, Bo-Hsiang Chang	Development of Metal Mesh Film Using Roll-To-Sheet UV Embossing Technology	STUST
PF-08	<u>Akimasa NARITA</u> , Keisuke <u>MACHIDA</u> , Mizue <u>MUNEKATA</u> , Hiroyuki <u>YOSHIKAWA</u>	Surface Pressure Measurement of a Rotating Disk Using Pressure Sensitive Paint	Kumamoto

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No.	Name	Title	School
PC-10	P. K. Lin, C. K. Wang, Y. Z. Chiou, S. P. Chang, and S. J. Chang	Efficiency Droop Reduction in Blue Light Emitting Diode with p-InGaN /GaN SPS Last Barrier and p-AlGaIn/GaN SPS EBL	STUST
PE-10	Keishi Nakamura, Shuichi Torii	Study on Stability of Emulsion Fuel Created by Underwater Shock Wave	Kumamoto
PF-16	<u>Jheng-Hong Gu</u> , Hsiu-Yu Fan, Cheng-Ling Lee	A Hollow Core Fiber Fabry-Perot Interferometer for Measuring Refractive Index of Liquids	NUU
PF-23	<u>Chih-Liang Chu</u> , Hung-Chi Chen, Cing -Yun Hsu	Autofocusing 3D Measurement System with Linear NanoPositioning Function	STUST
PC-14	<u>Ching-Hua Wei</u> , Wu-Chung Sue, Fong-Kuei Shih	Influence of Nitrogen Content in Sputtering Gas on the Optical Transmittance of Carbon Films	STUST

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No.	Name	Title	School
PC-07	<u>Lung-Hao Hu</u> , Pushpendra Kumar, Feng-Yu Wu, Syed Ali Abbas, Chia-Nan Lin, Jason Fang, Chih-Wei Chu and Lain-Jong Li	High-Performance Graphene/Sulphur Electrodes for Flexible Li-Ion Batteries Using the Low-Temperature Spraying Method	STUST
PD-14	<u>Don-Han Tsai</u> , Ching-Ming Hsu, Yin-Xin Zeng, Wei-Ming Lin,	Enhanced Efficiency of Organic Light Emitting Diodes by Recess Caused High Haze	STUST

	Wen-Tuan Wu		
PE-09	<u>Shota Matsumoto</u> , Shuichi Torii	Study on Heat Exchanger System of Biomass Boiler Using Combustion of Sewage Sludge with Around 40% Moisture Content	Kumamoto
PG-18	<u>Wataru Tobo</u> , Satoshi Kataoka, Daiki Tsuji, Mizue Munekata, Hiroyuki Yoshikawa	Effects of Side-Wall Location on Aerodynamic Characteristics of a Micro Quad-rotor in Hovering	Kumamoto
PB-03	<u>Chuh-Yean Chen</u> , Ming-Li Wu and Chen-Li Chiang	Application of Silica–Magnetite Nanocomposites to the Isolation of Ultrapure Plasmid DNA from Bacterial Cells	STUST
PD-05	<u>Pao-Cheng Huang</u> , Min-Haw Wang, Ming-Kun Chen, Yi-Chu Hsu, Yu-Ting Huang and Ling-Sheng Jang	Close-Loop Feedback Flow Rate Sensing Method for the Piezoelectric-Based Peristaltic Micropump System	NCKU
PD-10	<u>Pin-Hsu Kao</u> , Hung-Ming Tai, Hau-Wei Wang, Yuan-Ming Chang and Jenh-Yih Juang, Shiu-Cheng Lou	The Vertically Aligned ZnO/Si-nanopillars with High Emission Property	NCTU
PD-16	<u>Yu-WEN Chiang</u> , Yu Sheng Lin, Jian-Ming Lu, Li-Ming Chu, Ming-Hsiao Lee, Keng-Liang Ou	Molecular Dynamics Investigations on Titanium Nanoparticles During the Three Dimensional Printing	STUST
PE-24	Kun-Yauh Shih, Yuan-Nan Chen, Cheng-Hong Jiang, Chang-Yen Tsai, Kai-Wen Wu, Hung-Yi Chen, <u>Chun-Rong Lin</u> , Jiann-Shing Lee, Hua-Shu Hsu, Mei-Li Chen	Spin-Phonon Coupling in Ni(Fe,Cr) ₂ O ₄ Nanoparticles	NPTU