

Poster Session

October 30 (Friday) 13:30~ 14:30

ID	Authors	Title
PA-01	<u>Shao-Ju Shih</u> , Chih-Wei Hsiao, and Hsien-Tang Chiu	Fabrication of Porous Silica Particles Using Natural Pore-Forming Agents of Agar and Chia-Seed
PA-02	<u>Cheng-Chien Wang</u> , and Chia-Yi Cheng	Preparation of Organic/Inorganic Nanocomposite Particles via Pickering Emulsion Polymerization
PA-03	<u>Chuh-Yean Chen</u> , Ming-Li Wu and Chen-Li Chiang	Control of Nucleation and Growth of Gold Nanoparticles in Reverse Micelles System
PA-04	<u>Ming-Li Wu</u> , Chuh-Yean Chen, Chen-Li Chiang and Wan-Ru Lai	Multifunctional Magnetic Plasmonic Nanoparticles for Applications of Surface Enhanced Raman Spectroscopy
PA-05	<u>Jeng-Ywan Shih</u>	Fractal Dimensions of Cement-Based Composites with Various Nano Siliceous Materials
PA-06	<u>Ming-Chun Lee</u> , Cheng-Jang Tsai, and Pu-Sheng Gao	The Preparation and Sun Protection Property of Chitosan Coated Avobenzone in Zinc Oxide Nanoparticles Capsule
PA-07	<u>Chun-Liang Chen</u>	Surface Properties of Honeycomb Coated with Nano Fe ₂ O ₃ /CeO ₂ Catalyst
PA-08	<u>Chun-Liang Chen</u>	Preparation of Nanosized NiO Catalysts in NO + CO Reaction by the Sol-Gel Method
PA-09	<u>Chen-Li Chiang</u> , Chuh-Yean Chen, Ming-Li Wu, Yi-Ting Dong	Synthesis of Pd/Ag Bimetallic Nanoparticles
PA-10	<u>Chen-Li Chiang</u> , Chuh-Yean Chen, Ming-Li Wu, Yue-Shia Cho	Synthesis of Fe ₃ O ₄ -SiO ₂ -Au Core-Shell Nanoparticles
PA-11	<u>Chen-Li Chiang</u> , Chuh-Yean Chen,	Synthesis of Magnetic Chelate with Fe ₃ O ₄ Nanoparticles for Adsorption of Heavy Metal Ions

	Ming-Li Wu	
PA-12	<u>Chen-Li Chiang</u> , Chuh-Yean Chen, Ming-Li Wu	Characterization of Bimetallic Nanoparticles By X-Ray Diffraction Analysis
PA-13	<u>Siou-Huei Yang</u> , Yen-Wen Lu, Wen-Jen Lee	Vanadium Doped Titania Nanorod Array Synthesized by Hydrothermal Process
PA-14	<u>Ting-Chun Hsu</u> , Lung-Chien Chen	Manufacture and Characteristics of Different Doping in Molybdate Phosphors
PA-15	Chia-Hsiang Su, <u>Cherng-Yuh Su</u> , Yan-Fu Lin	Growth Mechanism of Tungsten Oxide and Titanium-Oxide-Doped Tungsten Oxide Nanowires
PA-16	<u>Tzu-Yi Li</u> , Dimas Rizky Widagdyo, Shao-Ju Shih	Preparation of Mesoporous SrTiO ₃ Particles by Spray Pyrolysis Method
PA-17	Shun-Fua Su, <u>Jin-Jhe Lyu</u>	The Study of PP/Sulfonated SiO ₂ Nano-Particles Composite Materials
PA-18	<u>Po-Chia Huang</u> , Jow-Lay Huang, Sheng-Chang Wang, Muhammad Omar Shaikh	A Facile Colloidal Method to Synthesized Orthorhombic and Metastable Phase SnS Nanocrystals Apply To Photoelectrochemical Cell
PA-19	<u>Yi-Chu Wu</u> , Chean-Cheng Su	Cure Kinetics of Epoxy-Silica Nanocomposites
PA-20	<u>Yi-Chu Wu</u> , Bing Xun Yan, and Chean-Cheng Su	Synthesis of Highly Photo-Stable Cadmium Selenide Quantum Dots
PA-21	<u>Hsiang-Jung Wu</u> , Chih-Cheng Kao	Crystallization and Water Splitting of CIGS Thin Films Affected by Annealing Process
PA-22	<u>Li-Han Gao</u> , Lin-Jing Wei, Cian-yi Wu, Chih-Cheng Kao	Development and Research of Long-Afterglow Phosphor Film
PA-23	<u>Chun-Yi Wu</u> , Ruei-Tang Chen.	Study Light Exposure Area Efficiency on Gelled Electrolyte for Dye-Sensitized Solar Cell
PA-24	<u>Tsuo-Chuan Yang</u> , Hsyi-En Cheng, Zu-Po Yang, Ing-Song Yu	Effects of Deposition Temperature and Film Thickness of Atomic-Layer-Deposited TiO ₂ on Surface Passivation of P-Type Silicon
PA-25	<u>Wei-Sheng Wang</u> ,	Analysis of Surface Stripe Defects in 7050 Series Aluminum

	Chi-Hsui Lee, Sheng-Chang Wang	Alloy after Anodization Treatment
PA-26	<u>Meng-Jun Peng</u> , Yu-Ren Chen, Yan-Ting Liu, Hsuan-Cheng Chou, Chang-Ning Huang	Synthesis and Optical Properties of Nano-Meter Sized Zinc Orthosilicate
PA-27	<u>Jhong-Ye Li</u> , Yu-De Lin, Yu-Cheng Wen, Jun-Ren Chen, Chang-Ning Huang	Gold/Silica/Polyene Hybrid Nanostructure Formation via Pulse Laser Ablation in Tetraethyl Orthosilicate
PA-28	<u>Chu-Wei Hsu</u> , Bo-Jia Huang, Sheng-Chang Wang	Tin(II) Sulfide Thin Films Deposited Using a Spin-Coating Technique
PA-29	<u>Chia-Ming Hsu</u> , Yen-Hsun Lee, Wen-Tuan Wu	Surface Functionalization of Multi-Walled Carbon Nanotubes
PB-01	<u>C. F. Mao</u> , J. W. Liang	Utilization of Lignocellulose: Direct Acetylation of Rice Hulls
PB-02	<u>C. F. Mao</u> , Y. C. Zeng	A Model of Network Structure Evolution: The Gelation Kinetics of Konjac Glucomannan
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
PB-04	<u>Ming-Li Wu</u> , Chuh-Yean Chen and Chen-Li Chiang	The Study of Hyperthermia for Tumor Therapy Using Magnetic Nanoparticles
PB-05	<u>Yi-chu Hsu</u> , Hsiao-Wei Li	Applying Fruit Battery Model into the Study of Extremely Low Frequency Range of Electromagnetic Wave
PB-06	Shing-Jen Wu, Chia-Hsien Chou, Xing-Yu Lu	Predictive Computational Approaches for Antigrowth Signal Induced Cell Cycle
PB-07	<u>C.F. Lian</u> , W.H. Wu	Environmentally Friendly Water-Based Nano Coating
PB-08	<u>S.C.Wang</u> , W.H.Wu	Parylene AF4/SiN _x Composite Film for Gas Barrier
PB-09	Z.H. Wu, W.H. Wu	Electrospinning of Cellulose Diacetate
PB-10	Shun-Fa Su, <u>Hsu-Yung Wu</u>	The Application of Polypropylene/Sulfonated Bamboo Fiber in Fuel Cell Membranes
PB-11	<u>Peng-Xuan Lin</u> , Yi-Ming Zhao,	Enhancement of BIO-Molecules Binding Using AC

	Min-Sheng Hung	Electroosmotic Flow for dsDNA Products Detection
PB-12	Mei-Hsiu Shih, <u>Jia-Lin Lu</u> , Ting-Ying Lee, Ying-Yu Yu, Yung-Sheng Ku	Studies on the Synthesis of Novel Schiff-Base Ligands and Nickel Complexes Derived from Symmetrical and Unsymmetrical Diketone Thiosemicarbazones
PB-13	S.A Estrada Alvarez, Hong-Ru Lin	Fabrication of Biomimetic Gecko Toe Pads and their Characterization
PB-14	Shiojenn Tseng, <u>Yen-Rei Hsu</u> , Jyh-Ping Hsu	Influences of Temperature pH Ionic Species and Bulk Salt Concentration on the Diffusiophoretic Behavior of a Spherical Polyelectrolyte
PB-15	Wei-Tung Liao, Chia-Wei Lin, <u>Ya-Li Cheng</u>	Study of Graft Copolymerization of Maleic Anhydride and Polypropylene by Melt Free-Radical Graft Reaction
PB-16	Wei-Tung Liao, Tsung-Lin Huang, <u>Po-Wei Chen</u>	The Further Study of Graft Copolymer from Maleic Anhydride and Polyethylene Wax
PB-17	Chih-Wei Chou, <u>Yu-Jung Peng</u> , Ko-Shao Chen, Yi-Syuan Wei	Preparation and Characterization of Herbal Drugs Co-Encapsulated Polysaccharide Nanoparticles
PB-18	<u>C.P. Chou</u> , C.W. Chou, W.P. Hsu	Preparation and Characterization of Anisotropic Gold Nanoparticles Using a Facile Green Method
PB-19	<u>Ching-Dong Hsieh</u> , Li-Cheng Syue, Zong-Jeng Su	Preparation and Photovoltaic Properties of Dye-Sensitized Solar Cells Using Natural Dyes.
PB-20	<u>Ching-Dong Hsieh</u> , Shiang-Bin Hu, Chih-Hao Li, Ming-Shin Chiang	Characterization of Photo-Sensitive Polymers for Application on Photo-Alignment of Liquid Crystals.
PB-21	Hong-Ru Lin, <u>Kun-Bau Huang</u> , Yiu-Juan Lin, Yu-Chun Wu	Doxorubicin Loaded-Chitosan/Pluronic Nano Micelles for Tumor-Targeting
PB-22	Chih-Wei Chou, <u>Yen-Hua Chu</u> , Ko-Shao Chen, Yi-Syuan Wei	Two Chinese Herbal Medicines CO-Loaded Polysaccharide Nanoparticles: Towards Synergistic Anti-Cancer Therapy Nanoparticles
PB-23	<u>Li-Huan Jhang</u> ,	Effect of Grain Angle on the Mechanical Properties of Teak Wood

	Guan-Yi Wu, Ming-Xiu Cai, Nai-Shang Liou	
PC-01	<u>Hsin-Hung Cheng</u> , Ya-Jung Wu, and Tai-Hua Tuan	Optical Properties of the Three Dimensional (3D) Free-Standing Cantilever Graphene Nanostructures
PC-02	<u>Shih-Fong Lee</u> , Li-Ying Lee and Jung-Chuan Fan	Effect of Silver Doping on the Microstructural and Electrical Properties of ZnO Nanorods Prepared by Hythermal Growth
PC-03	<u>Shih-Fong Lee</u> , Li-Ying Lee and Jung-Chuan Fan	The Electrical Properties of Aluminum-doped Zinc Oxide Nanorods/P-Type Silicon Heterojunctions
PC-04	<u>Shi-Hui Hong</u> , Cheng-Yen Lin , Yi-Wen Tsai and Hongta Yang	Superhydrophobic Anti-Ultraviolet and Anti-Near-Infrared Films by Doctor Blade Coating
PC-05	<u>Yi-Han Lin</u> , Hsin-Yun Yang , Yi-Wen Tsai and Hongta Yang	Self-Assembled Macroporous Photonic Crystal-Based Vapor Detectors by Doctor Blade Coating
PC-06	<u>Pei-Yu Hsu</u> , Chia-Yun Chen	Enhanced Luminescent Properties Using Highly-Crystalline Vertically-Aligned and Doped Silicon Nanowires
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
PC-08	<u>Ching-Feng Mao</u> , Yu-Min Su	Dynamic Light Scattering Study on PVC Plastics and Gels
PC-09	Yung-Fu Wu, Wei-Chung Chao, <u>Meng-Yi Lin</u> and Hsiang-Yi Hung	Flow-Enhanced Photoelectrochemical Hydrogen Generation by Titanium Dioxide
PC-10	P. K. Lin, C. K. Wang, Y. Z. Chiou, S. P. Chang, and S. J.	Efficiency Droop Reduction in Blue Light Emitting Diode with p-InGaN /GaN SPS Last Barrier and p-AlGaN/GaN SPS EBL

	Chang	
PC-11	<u>Yih-Chien Chen</u> , Yen-Nien Wang, and Ruei-Yang Syu	Effect of Sintering Temperature on Microstructures and Microwave Dielectric Properties of Ba ₂ MgWO ₆ Ceramics
PC-12	<u>Jung-Chuan Fan</u> , Chen-Chieh Wan, Huang-Huei Sung, Shih-Fong Lee	The Electrical Properties of Fe, Mo, Ni Compound Magnetic Materials
PC-13	Jung-Chuan Fan, Tsung-Che Lee, Li-Ying Lee, Shih-Fong Lee	The Effect of Oxide Layer Thickness on the Threshold Voltage of MOSFET
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
PC-15	Chun-Liang Chen, <u>Ching-Huei Wang</u> , Yu-Tzu Chang	Deposition of Nano Ce-ZrO ₂ Catalyst Coatings on Monolithic by Sol-Gel Method
PC-16	Chen-Li Chiang, Ming-Li Wu, <u>Chuh-Yean Chen</u> , Chuan-Chun Chang	Synthesis of Silver Nanoparticles on Polymer Surface for Dye Decomposition
PC-17	Chen-Li Chiang, Ming-Li Wu, <u>Chuh-Yean Chen</u> , Tzu-Yao Shih	Preparation of Silver Sulfide Nanoparticles on a Chelating Polymer Film
PC-18	Chen-Li Chiang, Ming-Li Wu, Chuh-Yean Chen, Ting-Ling Yao	Preparation of Cotton Fibers Containing Silver Nanoparticles with Antibacterial Activity
PC-19	Shun-Fua Su, <u>Yu-Cheng Cheng</u>	The Characterization of Sulfonated UHMWPE in Fuel Cell Application
PC-20	<u>Chien-Ming Chen</u> , Jin-You Guo, Yu-Cheng Chang	Fabrication of Novel ZnO/Pt Nanoporous Films for Efficient Photocatalytic Applications
PC-21	<u>Jin-You Guo</u> , Chien-Ming Chen, Yu-Cheng Chang	3D Branched CuO/ZnO Nanowires on the Copper Mesh Substrates with High Enhanced Photocatalytic Degradation Performance

PC-22	<u>Cheng-Wei Huang</u> , Huang-Huei Sung, Hsueh-Hsien Chen, Jung-Chuan Fan	Effect of Nitrogen Doping on Optical and Electrical Properties of ZnO Films Prepared by RF Magnetron Sputtering
PC-23	<u>W.J. Zeng</u> , W.H. Wu	Optical Properties of Al ₂ O ₃ /Parylene AF4 Composite Barrier Film
PC-24	<u>You-Cheng Jhang</u> , Chih-Cheng Kao	Effect of ITO/Ag/ITO Multi-Layer on Electroluminescence of Si _x C _y O _{1-x-y}
PC-25	<u>Yu-Sheng Chen</u> , Chih-Cheng Kao	UV-Blue Emission of Si _x Ge _y O _{1-x-y} Material
PC-26	Sheng-Yao Hu, Yueh-Chien Lee, Ming-Kwen Tsai, Chia-Chih Huang, Cheng Han Wu, Kwong-Kau Tiong, Wei Huang, Ji-Lin Shen, <u>Zu-Hua Wang</u>	Structural and Optical Properties of ZnO/ZnS Core-Shell Nanowire Arrays
PC-27	Sheng-Yao Hu, Yueh-Chien Lee, Chia-Chih Huang, Ming-Kwen Tsai, Jyh-Wei Lee, Cong-Bao Huang, Kwong-Kau Tiong, <u>Tzu-Fan Hsu</u>	Optical Studies in Distributed Bragg Reflectors Built from ZrO ₂ /MgO Multilayer Films
PC-28	<u>Yi-Chiun Tsai</u> , Yu-Chu M. Li, Chao-Ming Huang	Morphology-Tunable Synthesis of C ₀ O _x /MF Composite Electrode and Its Electrochemical Performance for Supercapacitors
PC-29	<u>Bo-Hsin Wang</u> , Zhi-Hong Wei, Chien-Hsin Yang	Assembly Poly(AN-co-SAN) on Carbon Particles for Supercapacitor Application
PD-01	<u>Chen-Yu Chen</u> , Ying-Chu Chen, Yueh-Hsun Wu, Ya-Yun Jiang and Hongta Yang	Moth-Eye-Inspired Superhydrophobic Broadband Antireflection Coatings on Polymer Substrate
PD-02	<u>Ting-Wei Yang</u> , Yi-Ning Chiang,	Scalable Fabrication of Biomimetic Hierarchical Arrays for Retroreflection Coatings

	Ya-Yun Jiang and Hongta Yang	
PD-03	<u>Yi-chu Hsu</u> , Jeffrey Levin	Peristaltic Micropump with NOA81 Adhesive
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
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
PD-06	<u>Chia-Feng Liu</u> , Ming-Kun Chen, Min-Haw Wang, Ling-Sheng Jang, Yi-Chu Hsu	A Microwave Resonator Sensor for Ethanol Detection
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
PD-08	<u>C.-H. Chuang</u> , K.-C. Chang, L.-Y. Chang, and H.-P. Wu	Three-Dimensional Paper Sensor for Multiplexed Immunoassay
PD-09	<u>Yu-Jie Xiao</u> , Kai-Wen Liu, Cheng-Ling Lee	Directional D-Shaped-Fiber Micro-Displacement Sensor
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
PD-11	<u>Hsyi-En Cheng</u> , Ying-Yi Liou	Enhanced Gas-Sensing Activity of Tin Dioxide by Nanopillar-Array Structure
PD-12	<u>You-Nan Tsai</u> , Wei-Ren Wu, Yu-Ming Chen,	Microfiber Bridge in Hollow Core Fiber for Sensing Acoustic Vibrations

	Chun-Yu Chen, Cheng-Ling Lee	
PD-13	Jing-Yau Tang, Yi-Chu Hsu, Min-Haw Wang, Ling-Sheng Jang, <u>Te-Wei Yeh</u>	Extremely Low Frequency Magnetic Field Approach Offer to Enhance Plant Growth of Soybean
PD-14	<u>Don-Han Tsai</u> , Ching-Ming Hsu, Yin-Xin Zeng, Wei-Ming Lin, Wen-Tuan Wu	Enhanced Efficiency of Organic Light Emitting Diodes by Recess Caused High Haze
PD-15	<u>U-Jun Peng</u> , Ching-Ming Hsu, Yin-Xin Zeng, Wei-Ming Lin, Wen-Tuan Wu	Evaluation of Recessed Transparent Conductive Film for Organic Light Emitting Diodes Applications
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
PE-01	<u>Jung-Chuan Fan</u> , Ming-Yi Huang, Wei-Yu Tseng and Shih-Fong Lee	The Synthesis of Quartz Crystallites from Recycled Crucibles by a Hydrothermal Method
PE-02	Yu-Chu M. Li, Chao-Ming Huang, Wei-Chin Chang, <u>Chun-Yu Yang</u> , Yen-Hong A. Chen	Study on Thick Sesame Oil by Way of SPR
PE-03	<u>Mei-Li Chen</u> , Hsuan-Hung Li, Han-Chin Chen, Po-Yu Hsieh, Fuh-Cheng Jong, Chien-Min Cheng, and Kai-Huang Chen	Resistive Switching Properties of Nanocrystalline Samarium Oxide Films in Random Access Memory Device

PE-04	Mei-Li Chen, Tung-Ying Tsai, Rong-Kuan Wu, Yu-Jun Zheng, Sheng-Chang Wang, and Fuh-Cheng Jong	Synthesis and Characterization of Tin Dioxide Nanoparticles
PE-05	<u>Chun-Hsien Kuo</u> , Cheng-Hong Jiang, Yo-Chen Wang, Jiann-Shing Lee	Study and Improvement of Fe ₂ O ₃ Nanoparticles Magnetic Fluid Used for Magnetic Resonance Imaging and Hyperthermia
PE-06	<u>Chun-Liang Chen</u>	Effect of Different Preparation Conditions on the Performance of Nanosized La-Mn Catalysts for Methane Combustion
PE-07	<u>Bing-Han Wu</u> , Fang-Chun Liao, Shang-Ru Teng	To Study the Preparation Processes of High Porosity SiO ₂ Nano-powder by Hydrothermal Method
PE-08	<u>Ching-Yuang Chang</u> , Hou-Hsein Chu, Bei-Huw Shen, Jia-Huang Chang, Wen-Yen Hsieh	Polyacrylate Electrophoretic Film Enhanced by Nanoparticles
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
PE-10	Keishi Nakamura, Shuichi Torii	Study on Stability of Emulsion Fuel Created by Underwater Shock Wave
PE-11	<u>Chia-Hao Tsai</u> , Chun-Ta Lee, Chia-Chih Huang, Yueh-Chien Lee, Ming-Kuen Tsai	A Novel Four-Port Power Splitter with Rectangular-Shaped Ring Resonators on Plasmonic Waveguides
PE-12	<u>A. Fukuda</u> , K. Oka, K. Hokamoto	Fabrication of Composites by Shock Compression Solidification Method Assisted by the Heat Through Thermite Reaction
PE-13	<u>M. Oshita</u> , K. Shimomiya, M. Sakamoto, and K. Hokamoto	Fabrication and Evaluation of One-Directional Porous Aluminium Using Cylindrical Explosive Welding Technique
PE-14	<u>Y. Iwamoto</u> , R. Uchida, S. Otsuka	Explosive Welding in Spot Area Through Detonation of Small Amount Explosive

	and K. Hokamoto	
PE-15	<u>Kohei Ikegami</u> , Shuichi Torii	Study of Evaluation of High Efficiency Energy Apparatus Which Used Such as Biogas
PE-16	<u>H. Oda</u> , Y.Kobayashi, S.Tanaka, and K.Hokamoto	Synthesis of WC in Liquid Paraffin Through Metal Wire Explosion
PE-17	<u>P.H. Lin</u> , C.L HSU, H.S. Hsu	Angle Dependent Electric Field Control Magneto-Optic Effect in Co-C Heterostructure
PE-18	<u>Chun-Ta Lee</u> , Chia-Hao Tsai, Chia-Chih Huang, Yueh-Chien Lee, and Ming-Kuen Tsai	A Five-Branch Equal Power Divider on Plasmonic Waveguides with Nanoscale Ring Resonators
PE-19	Jeng-Feng Lin, Chih-Chieh Kang, <u>Chi-Hung Chen</u>	Simulation of Light Extraction Efficiency of Vertical GaN LEDs
PE-20	<u>Yu-Ming Li</u> , Jyh-Ping Hsu	Theoretical Analysis of the Electrokinetic Energy Conversion from Salinity Gradient in an Ion-Selective Nanopore :Temperature and Pore Size
PE-21	<u>Yomei Hirata</u> , Shuichi Torii	Development of Tube Speed Measurement Method Combined with the CT and PIV
PE-22	<u>Hou-Hsueh Wu</u> , Chih-Yuan Lin, Jyh-Ping Hsu	ICR Behavior of a Polyelectrolyte-Modified Conical Nanopore: Influence of Type of Modification
PE-23	Chang-Yen Tsai, Kun-Yauh Shih, Yuan-Nan Chen, Cheng-Hong Jiang, Kai-Wen Wu, Hung-Yi Chen, <u>Chun-Rong Lin</u> , Jiann-Shing Lee, Hua-Shu Hsu, Mei-Li Chen	Magnetic Properties of Greigite and Pyrrhotite Nanoparticles Synthesized via Thermal Decomposition of Iron Nitrates with Sulfur Powder in Octadecylamine
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> ,	Spin-Phonon Coupling in Ni(Fe,Cr) ₂ O ₄ Nanoparticles

	<p> Jiann-Shing Lee, Hua-Shu Hsu, Mei-Li Chen </p>	
PE-25	<p> Kun-Yauh Shih¹, 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 </p>	<p> Synthesis and Magnetic Characterization of Iron-Substituted Cobalt Selenide Nanoparticles </p>
PE-26	<p> Kun-Yauh Shih, Yuan-Nan Chen, Cheng-Hong Jiang, Chang-Yen Tsai, Kai-Wen Wu, Hung-Yi Chen, Chun-Rong Lin, Jiann-Shing Lee, Hua-Shu Hsu, Mei-Li Chen </p>	<p> Size Dependence of Magnetic Phase Transitions in $\text{Ni}_{0.2}\text{Zn}_{0.8}\text{Fe}_2\text{O}_4$ Nanoparticles </p>
PE-27	<p> 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 </p>	<p> Magnetic Behavior of CeCrO_3 Multiferroic Nanoparticles </p>
PE-28	<p> <u>Y.N. Chen</u>, Y.C. Chen, W.M. Huang, Y.Y. Chang, X.L. Ye, H.S. Hsu </p>	<p> Cobalt Nanorods Grown on Anodic Aluminum Oxide for Magnetoplasmonic Study </p>
PE-29	<p> <u>Ching-Yang Cheng</u> </p>	<p> Magnetic Field Effects of on Heat and Mass Transfer from a </p>

		Vertical Surface in Doubly Stratified Porous Media with Uniform Wall Heat and Mass Fluxes
PF-01	Shun-Fua Su, <u>Guan-Zhi Wang</u>	The Characterization of Micro-Structure of Ultra-High Molecular Weight Sulfonated Polystyrene
PF-02	<u>Jr-Shiang Shiau</u> , Chuan-Pu Liu, Jow-Lay Huang	Structural and Optical Properties of MgZnO Thin Films by RF Magnetron Sputtering
PF-03	Shun-Fua Su, <u>Yu-Yang Liu</u>	The Study of PP/ Modified Lignin Composite Membranes
PF-04	Chao-Chung Ho, Chia-Chin Chang, Shao-Chieh Weng, <u>Jow-Lay Huang</u>	Multi-Layer Graphene/SnO ₂ Nanocomposites as Anode Material for Lithium-ion Batteries
PF-05	<u>Yun-Pei Zeng</u> , Yin-Shuo Li, Wei-Ting Tasi, Chean-Cheng Su	Synthesis and Characterization of Zinc@Silica Oxide Nanoparticles
PF-06	<u>Yi-Chu Wu</u> , Yin-Shuo Li, Chean-Cheng Su	Preparation and Characterization of the Poly(Lactic acid)/Zinc Oxide Quantum Dot Hybrids
PF-07	<u>I-Chih Wu</u> , Min-How Wang, Ling-Sheng Jang, Yi-Chu Hsu, MK Chen	An Approach to Detect the Fault Location after Board Level Reliability Test
PF-08	<u>Akimasa NARITA</u> , Keisuke MACHIDA, Mizue MUNEKATA, Hiroyuki YOSHIKAWA	Surface Pressure Measurement of a Rotating Disk Using Pressure Sensitive Paint
PF-09	Shih-Fong Lee, <u>Li-Ying Lee</u> , Jung-Chuan Fan	Synthesis and Characterization of GaN Nanowires by Vapor-Liquid-Solid Mechanism
PF-10	<u>Yi-Chu Wu</u> , Bing Xun Yan, Chean-Cheng Su	Preparation and Characterization of the Poly(Lactic Acid) /Cadmium Selenide Quantum Dots Hybrids
PF-11	<u>Jhen-Jie Li</u> , Chin-Wang Yang, Wen-Chang Wu	Fabrication and Properties of the Superhydrophobic Surface on Aluminum Substrate by Anodizing and Polymeric Coating
PF-12	<u>Chun-Yang Hsieh</u> , Yi-Lin Lin, and Wen-Chang Wu	Preparation and Properties of Pt/SnO ₂ /C Cathode Catalyst for Proton Exchange Membrane Fuel Cell (PEMFC)
PF-13	<u>Hsueh-Hsien Chen</u> ,	Deposit Nitrogen-Doped Zinc Oxide Thin Films with RF

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