

Poster Section

(A) Nanomaterials and Nanostructure

ID	Authors	Title
PA01	Hau Lin, Meng-Ju Yang	The Effect Of Stirring Rate On Detection Of Hydrogen Peroxide For The Electrode Modified With Ferrocene And Nano Silver Powder
PA02	Hau Lin, Wei-Chieh Tseng , and Yu-An Chen	An Analysis Of The Effect Of Detecting Hydrogen Peroxide For The Electrode Modified With Nano Silver Powder And Ferrocene
PA03	Yen-Wen Lu and Wen-Jen Lee	Influences Of Process Temperature And Reaction Time On The Growth Behavior Of Zinc Oxide Nanorod Array By Chemical Bath Deposition
PA04	S.J. Tsai, P.J. Chao, W.C. Shiau, C.M. Yang, and C.S. Tsai	Effects Of Carboxyl Functionalization On The Mechanical Properties Of Uni-Directional Carbon Fiber Fabrics With Short Graphite Nano Fiber
PA05	Yen Wen Lu, Wen Jen Lee	The Growth Behavior Of TiO ₂ Nanorod Arrays On FTO Conductive Substrate By Hydrothermal Method At Different Temperatures
PA06	Hau Lin, Chung-Min Lien , and Yu-An Chen	The Effect Of Nano Silver Powder On Detecting Hydrogen Peroxide For The Electrode Modified With Nickel Hexacyanoferrate
PA07	Hau Lin , Chen-Hsun Hu , and Meng-Ju Yang	Application Of Electrode Modified With Nanosized Chromium Hexacyanoferrate To Detection Of Hydrogen Peroxide
PA08	Sheng-Yao Hu, Yueh-Chien Lee, Ming-Kwen Tsai, Chia-Chih Huang, De-Yi Liu, Guan-Jun Liu, and Zhao-De Zhang	Annealing Effects In Zinc Oxide Thin Films Grown On Different Substrates By RF Magnetron Sputtering
PA09	Sheng-Yao Hu, Yueh-Chien Lee, Ming-Kwen Tsai, Chia-Chih Huang, Guan-Jun Liu, De-Yi Liu, and Zhao-De Zhang	Structural And Optical Properties Of MgZnO Films Grown By Rf Magnetron Sputtering
PA10	Ching-Huei Wang Chun-Liang Chen, Huan-Qiang Lin	Effect Of Different Calcination Temperatures On Preparing And Characterizing The Nanosized LaFeO ₃ Peroskite Catalyst
PA11	Sheng-Yao Hu,	Structural Characterization In CuInS ₂ Nanoparticles Prepared By

	Yueh-Chien Lee, Ming-Kwen Tsai, Chia-Chih Huang, Yu-Wen Zheng, and Hsiang-Hsien Wu	Microwave-Assisted Synthesis
PA12	Sheng-Yao Hu, Yueh-Chien Lee, Ming-Kwen Tsai, Chia-Chih Huang, Hsiang-Hsien Wu, and Yu-Wen Zheng	A Novel Controllable Morphology Of Zinc Oxide Nanowire Arrays Grown On The Glasses By Microwave-Assisted Synthesis
PA13	Ching-Huei Wang, Chun-Liang Chen, Huan- Qiang Lin	Nanosized CuO/CeO ₂ Catalysts For The Catalytic Incineration Of Toluene
PA14	Kuan-Yi Tsao, Cheng-Yen Lin, Cheng-Yu Lin and Hongta Yang	Bioinspired Retroreflection Coatings
PA15	Chang-Yun Cai , Tzu-Han Li, Ling-Chen Hsiang, Ya-Ling Ko and Hongta Yang	Scalable Fabrication Of Superhydrophobic Anti-Ultraviolet Films
PA16	Cheng-Ho Chen, Pin-Ruei Ji, Yu-Ting Xyu	Preparation And Characterization Of Polypropylene/Carbon Block Conducting Nanocomposites
PA17	Yang-Yi Yun, Yu-Hsien Lin ¹ , Jay-Chi Chou, Yung-Chun Wu	A Novel Junctionless Nanowire Memory
PA18	Chuh-Yean Chen, and Chen-Li Chiang	Preparation Of Magnetite Nanofluids By Wet Beads Milling
PA19	Wei-Hau Lo , Ching-Feng Mao	Synthesis And Characterization Of Silica-Coated Magnetite Nanoparticles As A Support For Organic Catalysts
PA20	Lin Yang, Shuan Yang	Enhanced Efficiency Of Dye-Sensitized Solar Cells Using Hybrid SnO ₂ -TiO ₂ Nanocomposite
PA21	Chun-Wei Liang, Chian-Ruei Cheng, Jing-He Lai and Chang-Ning Huang	Synthesis And Phase Transformation Of Nano-Meter Sized Zinc Orthosilicate

PA22	Chang-Ning Huang	Laser Ablation Condensation Of Si-Doped ZnO Nanoparticles
PA23	Wei-Chin Wang, and Chih-Cheng Kao	Control Of The Size Of Ag Nano-Particles By Annealing-Condition
PA24	Hsiang-Jung Wu [†] , Chih-Cheng Kao	Influence Of Annealing On Physical Properties Of Thin Films Containing Nano-Sized CIGS
PA25	Mei-Li Chen, Bo-Cyun Jiang, Chi-Wei Lin , and Chun-Rong Lin	Optical And Structural Characterization Of Lead Sulfide Nanocrystals
PA26	Mei-Li Chen, Yi-Yun Pan, Sheng-Jhu Wang, and Chun-Rong Lin	Optical And Structural Characterization Of Tin Sulfide Nanocrystals
PA27	Yan-Sheng Li, Jia-Liang Liao, and Wei-Hung Chiang	Controllable Molecular Intercalation Of Carbon Nanotubes: Towards High-Yield And Low-Acid-Use Production Of Graphene Nanoribbons
PA28	Chih Hsien Lin, Second Chien Jiun-Yu and Third Liao Fang-Chun	Preparation Of SiO ₂ Nanoscale Powder By Hydrothermal Method
PA29	Chen-Li Chiang, Chuh-Yean Chen, An Lin, and Pei-Chen Chou	Silver Nanoparticles Synthesized From Chelating Polymer
PA30	Chen-Li Chiang, Chuh-Yean Chen, and Cheng-Liang Zheng	Preparation Of Silver Nanoparticles On The Surface Of A Polymer Film
PA31	Chen-Li Chiang, Chuh-Yean Chen, and Tzu-Han Liu	Preparation Of Silver Sulfide Nanoparticles On A Polymer Film Containing Iminodiacetate Groups
PA32	Kuan-Pin Chen	Synthesis And Properties Of Poly(Imide-Siloxane)/SiO ₂ -TiO ₂ Hybrid Nanocomposite Thin Film By Sol-Gel Processes
PA33	Cheng-Ho Chen, Ying-Chen Lin	Preparation And Properties Of PANDB/Al ₂ O ₃ Nanocomposite
PA34	Hong-Ru Lin and Kun-Bau Huang	Preparation And Characterization Of Pluronic Nano-Micelles Containing ZnO Quantum Dots
PA35	Liang-Cheng Su, Mei-Chin Chen	Rapid And Efficient Transdermal Delivery Of Drug-Loaded Nanoparticles Using Dissolving Polymer Microneedles
PA36	Cheng-Chien Wang, Chia-Yi Cheng	Synthesis And Characteristic Of Methacrylate Dendrimers Via Self-Condensing Vinyl Polymerization

PA37	Yeuh-Hui Lin	A Simple Method For Producing Metal Oxide Hybrid Nanocomposites
PA38	Yeuh-Hui Lin	Synthesis Of The Carbon-Coated Metal Nanoparticles By Metallic-Blast Technology
PA39	Jia-Ren Lee, Bo-Wen Shiau and Wei-Cheng Ding	The Optical Properties And Influence Mechanism Of Au Nanoparticle By The Electrolysis After-Treatment And Centrifugal Method
PA40	Jia-Ren Lee, Wei-Cheng Ding and Bo-Wen Shiau	Enhanced Spectral Distinction Of Nano Iron Oxides By Using Centrifugation, Externally Applied Magnetic Fields And Micelle Relaxant Replacement
PA41	Jia-Ren Lee, Bo-Wen Shiau and Wei-Cheng Ding	Morphologic Features Induced Distinct Lateral Carrier Transfer Modes Of Semiconductor Nano Structure
PA42	Meng-Han Chang, Jhen-Jie Li and Wen-Chang Wu	The Fabrication Of Cobalt Zinc Magnetic Nanowire Arrays By Templates Method With Ultrasonic Irradiation

(B) Nano Biological Technology

ID	Authors	Title
PB02	Jeng-Yang Lin and Jyh-Ping Hsu	Ph-Regulated Electrodiffoomosis In A Conical Nanopore Functionalized With Polyelectrolyte Brushes
PB03	Chuh-Yean Chen and Chen-Li Chiang	Applications Of New Immobilized Metal Ion Affinity Chromatography For Purification Of His-Tagged Proteins
PB04	Chuh-Yean Chen and Chen-Li Chiang	A New Method Of Assembly Of Gold Nanoparticles By DNA Strands
PB05	An-Peng Chen, Shuichi Torii	Survey On The Micro-Bacterial Detection And Its Related Technology
PB06	Wen-Chieh Chou, Chia-Chin Ho, and Min-Sheng Hung	Real Time Cellular DNA Replication And Detection Using Microfluidics Integrated With Laser
PB07	Yi-Sin Jian, Yi-Dong Shao, Min-Sheng Hung	The Development Of A Microfluidic System For Real Time Protoplasts Isolation And Encapsulation
PB08	Yen-Jhang Ho, Shin-Wen Peng and Min-Sheng Hung	Investigating The Effects Of Canavalia Ensiformis And Black Soybean On Young's Modulus Of Cancer Cells Using AFM
PB09	Yi-Ming Zhao, Chih-Pin Chen, and Min-Sheng Hung	Real Time Replication And Detection Of Local DNA In A Microfluidic Device

(C) Nano Optics and Electrics Technology

ID	Authors	Title
PC01	H. J. Chang, C. K. Wang, Y. Z. Chiou, and K.W. Lin	The Optical Properties Of Nitride-Based Blue LEDs With Lateral And Vertical Type Structures
PC02	Mei-Li Chen, Yi-Yun Pan, Chien-Min Cheng, and Kai-Huang Chen	Resistive Switching Properties Of Nanocrystalline Indium Tin Oxide Films In Random Access Memory Device
PC04	C. P. Hung, C. K. Wang, Y. Z. Chiou, and K. W. Lin	Improvement Of Thermal Effect And Current Crowding Effect Of GaN-Based Green LEDs By Vertical Structure
PC05	Mei-Li Chen, Wei-Lun Lin, Chien-Min Cheng, and Kai-Huang Chen	Resistive Switching Effects Of Nanocrystalline Manganese Oxide Films In Random Access Memory Device
PC06	Sheng-Yao Hu, Yueh-Chien Lee, Chia-Chih Huang, Ming-Kwen Tsai, Jia-Liang You, Guo-Zhong Yin, and Cong-Bao Huang	Temperature-Dependent Photoluminescence Of MgZnO Films Grown By Molecular Beam Epitaxy
PC07	Sheng-Yao Hu, Yueh-Chien Lee, Chia-Chih Huang, Ming-Kwen Tsai, Guo-Zhong Yin, Jia-Liang You, and Cong-Bao Huang	Photoconductivity Properties Of InGaN With Different Indium Contents
PC08	Sheng-Yao Hu, Yueh-Chien Lee, Chia-Chih Huang, Ming-Kwen Tsai, Cong-Bao Huang, Guo-Zhong Yin, and Jia-Liang You	Persistent Photoconductivity Effects Of In-Rich Ingan Films
PC09	Kuen-Hsien Wu, Jung-Hsuan Liu, Yu-Sheng Huang	Fabrication Of Titanium Oxide Thin-Films On Nano-Porous Si Substrates By Atomic-Layer-Deposition
PC10	Kuen-Hsien Wu and Chia-Chun Tang	Deposition Of Silicon Carbide Thin Film On Silicon Substrate With Nano-Porous-Silicon Buffer Layer

PC11	Kuen-Hsien Wu, Chong-Wei Li, and Jyun-Li Wu	Combination Of Nano-Porous-Silicon With Distributed-Bragg-Reflector Structures For Development Of Zinc-Oxide Photodetectors
PC12	Zhe-Sheng Huang , Yu-Exun Wu, Ting-Wei Yang and Hongta Yang	Self-Assembled Moth-Eye Antireflection Coatings
PC13	Siang-Fong Jhang, Cheng-Peng Wu, Hon Kuan, Wen-Jheng Tzou	Fabrication And Package Of Silicon Based White-Light Emitting Diode Improved By Surface Roughening
PC14	Bo Jun-Liu, Cheng-Peng Wu, Hon Kuan, Wen-Jheng Tzou	Fabrication And Package Of Silicon Based White-Light Emitting Diode Improved By Color Temperature Uniformity
PC15	Jian-Ren Hu, Wen-Hai Wu	Reducing The Retardation Of TAC Film For LCDs By Nano-Titanium Dioxide
PC16	Keh-Moh Lin, Wen-Yeong Huang, Yang-Hsien Lee, Ching-Tsun Hsieh, Yong-Ruei Cheng, Sin-Wei Wu	Automatic Colorization Of Electroluminescence Images Of Multicrystalline Silicon Solar Cells By Using Block Algorithm
PC17	D. E. Ying, S. W. Wang, C. K. Wang, and Y. Z. Chiou	The Study Of The Efficiency Droop In Nitride-Based LEDs Using Hole Injection Layer With Different Thickness
PC18	S. A. Ceng, C. C. Kang, and J. F. lin	Visualization Of Viewing Angle Related Mura For A Hollow-Cavity Edge-Type Led Backlight Unit With A Reverse Prism As An Emission Plate By Asap Simulations
PC19	Yu-Chi Chen, Hung-Ta Lin, Chia-Chih Huang, Yueh-Chien Lee, and Ming-Kuen Tsai	A Simple Power Splitter Based On Plasmonic Waveguides With Nanodisk Resonators
PC20	Y. W. Lin, C. K. Wang, Y. Z. Chiou, H. M. Chang, S. P. Chang, and S. J. Chang	Investigation Of The Optical And Electrical Properties Of GaN-Based Blue Light- Emitting Diodes With Various Quantum Well Thicknesses
PC21	Chang-Ning Huang	Structural Properties Of <111>B-Oriented InGaN/GaN Nanowires
PC22	Hung-Ta Lin, Yu-Chi Chen, Chia-Chih Huang, Yueh-Chien Lee, and Ming-Kuen Tsai	A Three-Branch Power Divider On Plasmonic Waveguides With Square Ring-Shaped Resonators

PC23	Chih-Tung Chu, Wen-Cheng Tzou, and Hon Kuan	Ba _{0.7} Sr _{0.3} TiO ₃ Thin Film Is Fabricated By The Sol-Gel Process And Applied To Distributed Bragg Reflector
PC24	Yung-Fu Wu, Yeng-Hong Pan, Wei-Chung Chao, Li-Wei Yao, and Yu-Hsun Chien	Photoelectrochemical Hydrogen Generation By Using Silicon Carbide Modified Titanium Dioxide Film
PC25	Yi-Wei Chang, Shang-Cyuan Huang, Ting-Yu Lin, Yi-Ting Chen, Tzong-Liu Wang	CH ₃ NH ₃ PbI ₂ Cl Perovskite/Pcbm Planar-Heterojunction Hybrid Solar Cells
PC26	Jeng-Feng Lin, Chih-Chieh Kang, Chao-Yuan Yeh, Jun-Yi Xu and Chi-Shiuan Su	Simulation Of Light Extraction Efficiency Of Flip-Chip Ingan LEDs
PC27	Jeng-Feng Lin, Chih-Chieh Kang, Jiun-Yan Chen, Jian-Cheng Liou, Yu-Hau Juang	Simulation Of Light Extraction Efficiency Of Sapphire Based InGaN LEDs

(D) Nano Lithography

ID	Authors	Title
PD01	Kuo Pin Chiu	Two-Dimensional Grating-Coupling Theory For Optical Resonant And Scattering Phenomena In Hexagonally Periodic Nanostructure Arrays
PD02	Cheng-Hsin Chuang, Deng-Maw Lu, Po-Hsiang Wang, Wen-Yu Lee	Fabrication Of Anti-Reflection Film By Roll-To-Roll Nanoimprinting

(E) Nanoscale Physics and Theory

ID	Authors	Title
PE01	Dong-Huei Lin and Jyh-Ping Hsu	Electrodifusiophoresis Of A Polyelectrolyte In A Nanochannel Connecting Two Large Reservoirs
PE02	Yi-Chuan Chao, E-Wen Huang, Marco Di Michiel, Jer-Yi Liao and Wen-Jay Lee	Molecular Dynamics Simulation And In-Situ X-Ray Diffraction Investigation Of A Zr-Based Bulk-Metallic-Glass Composite Subjected To Plastic Deformation

PE03	Jhen-Yi Huang, Bo-Han Wu , Stefanus Harjo, Wu Gong, and E-Wen Huang	High-Temperature Tensile And Fatigue Behavior Study Of Inconel Alloy 617 By In-Situ Neutron-Diffraction Experiments
PE04	Shang-Yi Tu, E-Wen Huang, Jien-Wei Yeh, and Chi Lee	Investigate The Mechanical-Property Of CoCrFeMnNi High Entropy Alloy By <i>In-Situ</i> Neutron-Diffraction, Simulation And Microstructure
PE05	Fukuoka Yukiko, and Torii Shuichi	Study Of The Heat Transfer Capability Uses Al ₂ O ₃ Nanofluid As The Working Fluid Of Heat Exchanger

(F) Nano Measurement and Systems

ID	Authors	Title
PF01	Ching-Feng Mao, Jia-Lin Sie	Dynamic Light Scattering Study On The Curing Of PVC Plasticsols
PF02	H. C. Chang, M. H. Jao, Y. H. Chen, I. N. Chang, Y. C. Lee, J. C. Lin	An Optical Fiber Fluorescence Gas Sensor Based On Hollow Detection Structure
PF03	Hsing-Cheng Chang, Ming-Chang Tsai, Ya-Hui Chen, I-Nan Chang, Jung-Chih Lin	Multi-Gas Microsensors Based On A Nanoporous Structures
PF04	C.-H. Chuang, M.-H. Wang, C.-L. Mu, J.-W. Chen	Flexible Piezoelectric Tactile Sensor For Sensing Of Biaxial Dynamic Lateral Force And Slippage

(G) Other Scientific Researches Related to Science, Engineering and Technology

ID	Authors	Title
PG01	Shintani Eisuke, and Torii Shuichi	Basic Research Of High Efficiency Biogas Production And High Efficiency Cogeneration System
PG02	Toru Masuda, Shuichi Torii	Basic Study On The Electrode Portions Development Of High Efficiency Electric Boiler
PG03	Hau Lin , Chia-Chih Ting , and Meng-Ju Yang	The Effect Of Ph Of Phosphate Solution On The Detection Of Hydrogen Peroxide For The Minielectrode Modified With Prussian Blue
PG04	Bai-Bin Wang, Wein-Duo Yang	Experimental Analysis Of Calcium Zirconate (CaZrO ₃) Powder
PG05	Ching-Feng Mao, Te-Pin Chan	Aggregation Behavior Of PVC Particles In Plasticizers
PG06	Yusuke Ouda, Shuichi	Fuel Development Of Renewable Energy Biomass And

	Torii	Corresponding Development Of Advanced Combustor
PG07	Eguchi Shogo, and Torii Shuichi	Basic Reserch About The Coubusion Charactristics Using Bio-Oil
PG08	Yun-Fu, Liu	Improvement Of Friction Wear Properties Of DLC Films On Tungsten-Cobalt Tool
PG09	T. Nishi, M. Sakamoto, and K. Hokamoto	The Making Of Porous Materials Using Explosive Compression
PG11	Cheng-Ho Chen, Bo-Shiun Chen, Chao-Chin Chuang	Study Of Transparent Epoxy Resin
PG12	Cheng-Ho Chen, Yu-Ping Tai, Chao-Hsiang Yen, Jia-Lin Lu, Bo-Shiun Chen	Chitosan Plasticized With Ethylene Glycol
PG13	Cheng-Ho Chen, Ching-Feng Mao, Haung-Chi Hu	Thermal Properties Of Polyethylene Terephthalate
PG14	R. Tsunoda, K. Oka, Y. Mori and K. Hokamoto	Explosive Compaction For Making Thin Az ₃₁ -SiC Composites Layer
PG15	H. Keno, R. Uchida, T. Fukuzawa, A. Mori and K. Hokamoto	Characterization Of Interfacial Properties On The Explosively Welded Niobium Foil On Stainless Steel Base Plate Using Underwater Shockwave
PG16	Ching-Feng Mao, Shan-Hung Lin	Phase Separation Of Poly(Lactide)/Toluene Mixture Monitored By The Turbidimetric Method
PG17	Cheng-Ho Chen, Hsiang-Sheng Yu, Wei-Ting Yan, Yu Chou	Rubber Particles Coated By Polyaniline
PG18	A.Tsurui ¹ , N.Yokota, Y.Kobayashi, H. Hamashima, S. Itoh, K.Hokamoto	Experimental And Numerical Study On The Bubble Pulsation Phenomena Through Underwater Explosion
PG19	Yasuhiro Okumura, Shinnosuke Fujikawa, Mizue Munekata* and Hiroyuki Yoshikawa	Visualization Of The Boundary Layer Flow Over A Rotating Disk Under Orbital Motion
PG20	Honda Wu, Ching-Mei Wang, Tsair-Wang Chung, and Chao-Ming Huang	Adsorption Equilibria Of Acetate Compounds On Activated Carbon, Silica Gel, And 13X Zeolite
PG21	Mei-Hsiu Shih, Yu-Sheng	Syntheses And Evaluation Of Antioxidant Activity Of

	Yang, and Yu-Yuan Xu	Schiff-Base Thiosemicarbazone Ligands And Nickel (II) Complexes
PG22	Satoshi Kataoka, Hiroyuki Yoshikawa, Mizue Munekata, Yuya Yokoyama, Syohei Mitsuzaki, Wataru Tobo	Effects Of Upper Wall And Side Wall On The Lift Of The Micro Quad-Rotor In Hovering
PG23	M. Sakamoto, T.Nishi, K.Shimomiya and K. Hokamoto	Study On Behavior Of High-Velocity In Condensation Medium
PG24	Keh-Moh Lin, Ching-Tsun Hsieh, Wen-Yeong Huang, Yang-Hsien Lee, Chih-kai Hsu , Sin-Wei Wu,	Influence Of Substrate Materials On Residual Stress Of ZnO:Al Thin Films By Using Spectroscopic Ellipsometry Method
PG25	K. Oka, R. Tsunoda, Y. Mori, K. Hokamoto	Research On Invention Of AZ ₃₁ -SiC Composite Material Using Explosive Compaction
PG26	Cheng-Chien Wang, Chih-Lung Chiu	Reinforcement Of Rubber Matrix Using Highly Rigid Polymeric Particle
PG27	Yu Takaki, Toshihiro Hirata, Mizue Munekata, Hiroyuki Yoshikawa, Hiroaki Kurishima	Measurements Of Scattering Behavior Of Droplets Spun Off From Rotating Disk In The Spin Coater (Effects Of Disk Edge Profile)
PG28	Hong-Ru Lin, Wei-Hsuan Hsu	Preparation And Characterization Of Chitosan-Paa-PHEMA Hydrogel Potentially Used As Patch To Treat Postherpetic Neuralgia
PG29	Ryosuke Tagawa. Shuichi Torii,	The Study On Heat Flow Phenomena Of Graphene Oxide Nanofluid Which Has High Volume Fraction
PG30	Ming-Ching Hsu, Ya-Ches Chang, Ya-Ling Chang, Jialing Chen	Synthesis Of 1-Benzyl-3-Methylimidazolium Bromide Ion Liquid
PG31	Ming-Ching Hsu, Jing-Hao Peng, Wei-Xuan Ho, Jia-Hong Su, Yi-Yin Jiang	Synthesis Of 1-Butyl Pyridinium Bromide Ion Liquid
PG32	Ming-Ching Hsu, Jian-Min Jiang, Heng-Yi Zhao, Ming-Zong Hung, Jia-Hong Ye	Synthesis Of 3-Chlorobenzyl -3-Methylimidazolium Chloride Ion Liquid

PG33	Jung-Chuan Fan, Chen-Yuan Lo, Tsun Wang, Chun-Te Wu, Huang-Huei Sung and Shih-Fong Lee	The Photothermal Deflection Effect In The Porous Silicon
PG34	Hsueh-Hsien Chen, Huang-Huei Sung, and Cheng-Wei Huang	Fabrication And Characterization Of ZnO/ZnO:N Junctions
PG35	Tzu-Yao Tai, Kuan Yu Chen, Khanh Toan Nguyen	The Optimal μ -EDM Parameters For Polycrystalline Diamond With Different Grain Size
PG36	Jung-Chuan Fan, Tsun Wang, Chen-Yuan Lo, Chun-Te Wu, Huang-Huei Sung and Shih-Fong Lee	Hydrothermal Growth Of Quartz Crystals In NaOH Solution
PG37	Mei-Hsiu Shih, Yu-Yuan Xu, and Yu-Sheng Yang	Studies On The Syntheses And Coordination Chemistry Of Novel Nickel(II), Zinc(II) Complexes And Diverse Schiff-Base Ligands Derived From Aliphatic And Aromatic Diamines
PG38	Grace Lin, An-Tsung Kuo, Ching-Yun Wu, And Chien-Hsiang Chang	Investigating Cholesterol Effects On Catanionic Bilayer Characteristics Composed Of Ion Pair Amphiphile And Double-Chain Cationic Surfactant Via Experimental And Simulational Approaches
PG39	Cheng-Hsin Chuang, Deng-Maw Lu, Jian-Ming Chen, Bo-Hsiang Chang	Roll-To-Roll Fabriation Of Micro Trench Structure On Pet Film
PG40	Shun-Fua Su, Yi-wung Lee	Anti-Fog Effect Of Glass By Sol-Gel Method
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PG42	Shun-Fua Su, Yi-siiang Tzai	Sulfonated Bamboo Fiber In Fuel Cell Membrane Potential
PG43	Liao, Wei-Tung, Lin, Chia-Wei	Study Of Graft Copoymerization Of Maleic Anhydride And Polypropylene By Melt Free-Radical Graft Reaction
PG44	Liao, Wei-Tung, Huang, Tsung-Lin	Preparation And Analysis Of Graft Copolymer From Maleic Anhydride And Polyethylene Wax
PG45	Wei-Tung Liao, Wen-Cheng Lin	A Novel Approach For Water Electrolysis At Low Applied Voltage
PG46	Ching-Dong Hsieh,	Synthesis, Characterization, And Liquid Crystal Alignment

	Cha-Ling Cho and Siang-Bin Hu	Properties Of Photo-Sensitive Polyimide
PG47	Feng-Jun Hung, Chun-Yang Hsieh and Wen-Chang Wu	Preparation And Analysis Of SdC/Carbonate Composite Electrolyte For Low-Temperature Solid Oxide Fuel Cell
PG48	Ching-Dong Hsieh, Yao-Chen Liu and Li-Cheng Syue	Photochemical Behavior And Liquid Crystal Photo-Alignment Properties Of Polymethacrylates Having Cinnamate Moiety
PG49	Pushpendra Kumara, Chih-Wei Chub and Lung-Hao Hu	Chemically Modified Morphologies Of Vanadium Pentoxide As The Superior Cathode Material For Lithium Ion Battery
PG50	Chia-Chi Chang, Chun-Yi Chen, and Chien-Hsiang Chang	Development Of Chemical Property Analysis And Fire-Resistance Performance Evaluation Approaches For Core Materials
PG51	Shinq-Jen Wu, Wei-Yong Chen, and Kuen-Hau Yang	Multifunctional Automatic Vehicle With Wireless Communication