

教師姓名	年份	期刊名稱	論文名稱
吉爾洛塔	2010	Intermetallics	Sn-Bi-Fe thermodynamic modeling and Sn-Bi/Fe interfacial reactions
吉爾洛塔	2010	Journal of Alloys and Compounds	Phase equilibria and solidification of ternary Sn-Bi-Ag alloys
吉爾洛塔	2010	Journal of Alloys and Compounds	Thermodynamic assessment of Hg – Te system
吉爾洛塔	2010	Journal of Electronic Materials	Thermodynamic description of Te-Tl binary system using associated solution model
何政恩	2010	Journal of Alloys and Compounds	Comparative Study between Sn37Pb and Sn3Ag0.5Cu Soldering with Au/Pd/Ni(P) Tri-layer Structure
何政恩	2010	Journal of Electronic Materials	Critical Current Density of Inhibiting (Cu,Ni)6Sn5 Formation on the Ni side of Cu/Solder/Ni Joints
何政恩	2010	Journal of Electronic Materials	Influence of Palladium Thickness on the Soldering Reactions between Sn-3Ag-0.5Cu and Au/Pd(P)/Ni(P) Surface Finish
何政恩	2010	Journal of Materials Research	Strong Effect of Pd Concentration on the Soldering Reaction between Ni and Sn-Pd Alloys
余子隆	2010	Journal of Membrane Science	Preparation of Nafion/poly(vinyl alcohol) electro-spun fiber composite membranes for direct methanol fuel cells
余子隆	2010	Journal of Power Sources	An algorithm for sensor-less fuel control of direct methanol fuel cells
余子隆	2010	Journal of Power Sources	High performance proton exchange membrane fuel cell electrode assemblies
吳和生	2010	Asia-Pacific Journal of Chemical Engineering	Phenol Recovery from Simulated Wastewater Using a Vertical Membrane Reactor Asia-Pacific Journal of Chemical Engineering
吳和生	2010	Bioresource Technology	Effect of pellet size and stimulating factor on the glucosamine production using Aspergillus sp BCRC 31742
吳和生	2010	Ind. Eng. Chem. Res	Improved Coating Window for Slot Coating
吳和生	2010	Journal of Food Technology	Optimizing Biotechnological Production of Glucosamine as Food Ingredient from Aspergillus sp. BCRC 31742
吳和生	2010	Journal of the Chinese Institute of Chemical Engineers	High throughput study of separation of poly(3-hydroxybutyrate) from recombinant Escherichia coli XL1 blue
林秀麗	2010	Journal of Membrane Science	Preparation of Nafion/poly(vinyl alcohol) electro-spun fiber composite membranes for direct methanol fuel cells
林裕川	2010	Catalysis Letters	Catalytic partial oxidation of methanol over copper-zinc based catalysts – A comparative study of alumina, zirconia, and magnesia as promoters
林裕川	2010	Computers & Chemical Engineering	Graph-theoretic approach to the catalytic-pathway identification of methanol decomposition
林裕川	2010	Journal of Catalysis	Catalytic fast pyrolysis of glucose with HZSM-5: The combined homogeneous and heterogeneous reactions

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林錕松	2010	Adsorption	Synthesis, Characterization, and Adsorption Kinetics of Titania Nanotubes for Basic Dye Wastewater Treatment
林錕松	2010	international journal of hydrogen energy	Effects of Electrolytes and Temperature on High-rate Discharge Behavior of MmNi5-based Hydrogen Storage Alloys
林錕松	2010	International Journal of Molecular Sciences	Synthesis, Characterization, and Application of 1-D Cerium Oxide Nanomaterials: A Review
林錕松	2010	J. Environ. Eng. Manage.	Synthesis, Characterization, and Applcation of Abatase-typed Titania Nanoparticles
林錕松	2010	Journal of Power Sources	Catalytic Gasification of Automotive Shredder Residues with Hydrogen Generation
林錕松	2010	Journal of Power Sources	Catalytic Gasification of Automotive Shredder Residues with Hydrogen Generation
林錕松	2010	化工技術 - 過濾程序專輯	沸石薄膜之種類特性、合成方法及其在分離過濾技術之應用
林錕松	2010	台灣礦業	廢輪胎粉油污吸收劑資源化技術之研究
姚少凌	2010	Cytotherapy	Establishment of immortalized mesenchymal stromal cells with red fluorescence protein expression for in vivo transplantation and tracing in the rat model with traumatic brain injury
姚少凌	2010	Journal of Biological Chemistry	Protein-arginine methyltransferase 1 suppresses megakaryocytic differentiation via modulation of the p38 MAPK pathway in K562 cells
洪信國	2010	e-Polymers	Improvement of the Thermal Properties of Polyhydroxybutyrate by Grafted Chemicals
洪逸明	2010	Ceramics International	Conductivity and electrochemical performance of (Ba <sub>0.5</sub> Sr <sub>0.5</sub> ) <sub>0.8</sub> La <sub>0.2</sub> CoO <sub>3-δ</sub> cathode for intermediate-temperature solid oxide fuel cell
洪逸明	2010	Journal of Maerials Science	Effect of pH Value on the Synthesis and Characterization of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-δ</sub> Powders Prepared by the Citrate-EDTA Complexing Method
洪逸明	2010	Journal of Physical Chemistry: C	Direct Synthesis of Cubic Benzene-Bridged Mesoporous Organosilica Functionalized with Mercaptopropyl Groups as an Effective Adsorbent for Mercury and Silver Ions
洪逸明	2010	Journal of Porous Materials	Preparation and characterization of mesoporous TiO <sub>2</sub> thin film
洪逸明	2010	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	Effects of Templating Surfactant Concentrations on the Mesostructure of Ordered Mesoporous Anataise TiO <sub>2</sub> by an Evaporation-Induced Self-Assembly Method
紀渥德	2010	Journal of Electronic Materials	Thermodynamic Description of the Te-Tl Binary System Using the Associate Solution Model
紀渥德	2010	Journal of Materials Research	Strong Effect of Pd Concentration on the Soldering Reaction between Ni and Sn-Pd Alloys
紀渥德	2010	Journal of Phase Equilibria and Diffusion	Thermodynamic Description of the Ag-Pb-Te Ternary System

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孫一明	2010	Applied Biochemistry and Biotechnology	Functional Expression of phaCAB Genes from Cupriavidus taiwanensis Strain 184 in Escherichia coli for Polyhydroxybutyrate Production
孫一明	2010	Journal of Biomaterials Science: Polymer Edition	Effects of the Surface Characteristics of Polyhydroxyalkanoates (PHAs) on the Metabolic Activities and Morphology of Human Mesenchymal Stem Cells," Journal of Biomaterials Science: Polymer Edition,
孫一明	2010	Journal of Membrane Science	The effect of side chain architectures on the properties and proton conductivities of poly(styrene sulfonic acid) graft poly(vinylidene fluoride) copolymer membranes for direct methanol fuel cells
孫一明	2010	LETTERS IN APPLIED MICROBIOLOGY	Enhanced polyhydroxybutyrate (PHB) production via the coexpressed phaCAB and vgb genes controlled by arabinose PBAD promoter in Escherichia coli.
孫一明	2010	Polymer	Influence of Zinc Oxide Nanoparticles on the Crystallization Behavior of Electrospun Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Nanofibers
孫安正	2010	Japanese Journal of Applied Physics	Microstructures and Magnetism of Different Oxides Separating FePt Grains via Ion-Beam Bombardment and Annealing
孫安正	2010	Journal of Applied Physics	Enhancement of perpendicular coercivity in L11 CoPt thin films by replacement of Co with Cu
孫安正	2010	SCRIPTA MATERIALIA	Effect of underlayer (Pt, Ru, Au, and Ag) on L11 ordering in sputtered CoPt thin films
莊瑞鑫	2010	Chemical Engineering Journal	Characteristics of pseudo-second-order kinetic model for liquid-phase adsorption: A mini-review
莊瑞鑫	2010	Chemical Engineering Journal	Flux decline analysis in micellar-enhanced ultrafiltration of synthetic waste solutions for metal removal
莊瑞鑫	2010	Journal of Applied Polymer Science	Tailoring Surface Properties of Cellulose Acetate Membranes by Low Pressure Plasma Processing
莊瑞鑫	2010	Journal of Biotechnology	R.S. Juang, H.L. Chen and Y.C. Lin, Recovery and concentration of prodigiosin from pretreated fermentation broths by low-pressure ultrafiltration
莊瑞鑫	2010	Journal of Environmental Management	A review and experimental verification of using chitosan and its derivatives as adsorbents for selected heavy metals
莊瑞鑫	2010	Journal of Environmental Management	Preparation of activated carbons from un-burnt coal in bottom ash with KOH activation for liquid-phase adsorption
莊瑞鑫	2010	Journal of Environmental Management	R.L. Tseng, K.T. Wu, F.C. Wu and R.S. Juang, Kinetic studies on the adsorption of phenol, 4-chlorophenol, and 2,4-dichlorophenol from water using activated carbons
莊瑞鑫	2010	Journal of Hazardous Materials	Experimental investigation of bio-removal of toxic organic pollutants from highly saline solutions in a triphasic system
莊瑞鑫	2010	Journal of Hazardous Materials	R.S. Juang, S.H. Lin and P.Y. Hsueh, Removal of binary azo dyes from water by UV-irradiated degradation in TiO <sub>2</sub> suspensions
莊瑞鑫	2010	Journal of Optoelectronics and Advanced Materials	Influence of Eu <sup>3+</sup> doping on the degradation property of TiO <sub>2</sub> nanostructures

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莊瑞鑫	2010	Journal of the Taiwan Institute of Chemical Engineers	F.C. Wu, R.L. Tseng, K.C. Huang and R.S. Juang, Characteristics and applications of Lagergren' s first-order equation for adsorption kinetics
莊瑞鑫	2010	Separation and Purification Technology	Kinetics of phenol removal from saline solutions by solvent extraction coupled with degradation in a two-phase partitioning bioreactor
彭宗平	2010	Applied Physics Letters	Electron Field Emission from Fe-doped TiO <sub>2</sub> Nanotubes
彭宗平	2010	Electrochemical and Solid State Letters	Enhancing the Photon-Sensing Properties of ZnO Nanowires by Atomic Layer Deposition of Platinum
彭宗平	2010	International Journal of Hydrogen Energy	Effect of interstitial boron and carbon on the hydrogenation properties of Ti <sub>25</sub> V <sub>35</sub> Cr <sub>40</sub> alloy
彭宗平	2010	Journal of Materials Chemistry	Highly efficient flexible inverted organic solar cell using atomic layer deposited ZnO as electron selective layer
彭宗平	2010	Journal of Physical Chemistry C	Synthesis and Photocatalysis of Ag-loaded TiO <sub>2</sub> Nanotube Arrays," J. Phys. Chem
彭宗平	2010	Journal of the Electrochemical Society	Preparation of Pt/SnO <sub>2</sub> Core-Shell Nanowires with Enhanced Ethanol Gas- and Photon-Sensing Properties
彭宗平	2010	Organic Electronics	On the dendritic growth and amorphous AlQ <sub>3</sub> nanowires
彭宗平	2010	Thin Solid Films	Structural transformation and crystallization of amorphous copper phthalocyanine nanostructures
黃駿	2010	IEEE Transactions on Plasma Science	Synthesis of Organosilicon Film on Polycarbonate by Means of Low Temperature Atmospheric-Pressure Plasma Jet.
黃駿	2010	Journal of Applied Polymer Science	Deposition of Protective Coatings on Polycarbonate Substrates by Low Temperature Radio Frequency Plasma Process
黃駿	2010	Journal of Applied Polymer Science	Tailoring Surface Properties of Cellulose Acetate Membranes by Low Pressure Plasma Processing
黃駿	2010	Journal of Non-Crystalline Solids	Chamberless Plasma Polymerization of Fluorocarbon Thin Films
黃駿	2010	Journal of the Chinese Chemical Society	Micro-TiO <sub>2</sub> Particles Synthesis by a Novel Atmospheric Pressure Plasma Jet
黃駿	2010	Journal of the Chinese Chemical Society	The Protection of Flexible DSSC Polymeric Substrate Using Atmospheric Pressure Plasma Coating
黃駿	2010	Thin Solid Films	Contact angle analysis of low temperature cyclonic atmospheric pressure plasma modified polyethylene terephthalate.
黃駿	2010	Thin Solid Films	Deposition of hydrophobic nano-coating with low pressure radio frequency CH <sub>2</sub> F <sub>2</sub> /Ar plasma processing
黃駿	2010	Vacuum	Influence of the luminous gas phase on direct current plasma polymerized hydrocarbon film growth

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楊博智	2010	Applied Physics Letters	Optically Band-Tunable Color Cone Lasing Emission in a Dye-Doped Cholesteric Liquid Crystal with a Photoisomerizable Chiral Dopant
楊博智	2010	Optics Express	Photoerasable and photorewritable spatially-tunable laser based on a dye-doped cholesteric liquid crystal with a photoisomerizable chiral dopant
楊博智	2010	OPTICS LETTERS	Spatially Band-Tunable Color Cone Lasing Emission in a Dye-Doped Cholesteric Liquid Crystal with a Photoisomerizable Chiral Dopant
葉君棣	2010	Food Chemistry	Epigallocatechin gallate (EGCG) binds to low-density lipoproteins (LDL) and protects them from oxidation and glycation under high-glucose conditions mimicking diabetes
葉君棣	2010	international journal of hydrogen energy	Application of nickel-lanthanum composite oxide on the steam reforming of ethanol to produce hydrogen
葉君棣	2010	international journal of hydrogen energy	Hydrogen production from steam reforming of ethanol using a ceria-supported iridium catalyst: Effect of different ceria supports
葉君棣	2010	International Journal of Hydrogen Energy	Micro-sensors with Novel Micro-channels in A Micro-reformer
廖建勛	2010	Advanced Functional Materials	Hysteresis in Conjugated Polymer Thin Film Transistors
謝建德	2010	Applied Surface Science	Sliding Behavior of Oil Droplets on Nanosphere Stacking Layers with Different Surface Textures
謝建德	2010	Applied Surface Science	Water and Oil Repellency of Flexible Silica-coated Polymeric Substrates
謝建德	2010	Carbon	Synthesis, Characterization, and Electrochemical Capacitance of Amino-Functionalized Carbon Nanotube/Carbon Paper Electrodes
謝建德	2010	Carbon	Water/oil Repellency and Drop Sliding Behavior on Carbon Nanotubes/carbon Paper Composite Surfaces
謝建德	2010	Diamond & Related Materials	Superhydrophobicity of a Three-tier Roughened Texture of Microscale Carbon Fabrics Decorated with Silica Spheres and Carbon Nanotubes
謝建德	2010	Electrochimica Acta	Influence of Oxidation Level on Capacitance of Electrochemical Capacitors Fabricated with Carbon Nanotube/Carbon Paper Composites
謝建德	2010	International Journal of Hydrogen Energy	Electrochemical Activity and Stability of Pt Catalysts on Carbon Nanotube/Carbon Paper Composite Electrodes
謝建德	2010	Journal of Alloys and Compounds	Influence of Li Addition on Charge/discharge Behavior of Spinel Lithium Titanate
謝建德	2010	Journal of Chemical Technology and Biotechnology	Synthesis and Visible-light-derived Photocatalysis of Titania Nanosphere Stacking Layers Prepared by Chemical Vapor Deposition
謝建德	2010	Materials Chemistry & Physics	Superhydrophobicity and Superoleophobicity from Hierarchical Silica Sphere Stacking Layers
謝建德	2010	Physica E - Low-Dimensional Systems & Nanostructures	Low Temperature Growth of ZnO Nanorods on Flexible Polymeric Substrates

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謝建德	2010	Thin Solid Films	Electrochemical Deposition and Superhydrophobic Behavior of ZnO Nanorod Arrays