

教師姓名	年份	期刊名稱	論文名稱
尹庚鳴	2007	Journal of applied electrochemistry	A thin-film/agglomerate model of a proton-exchange-membrane fuel cell cathode catalyst layer with consideration of solid-polymer-electrolyte distribution
尹庚鳴	2007	international journal of hydrogen energy	An analytical study of the PEM fuel cell with axial convection in the gas channel
尹庚鳴	2007	J. Power Sources	An algebraic model on the performance of a direct methanol fuel cell with consideration of methanol crossover
余子隆	2007	e-Polymers	Static light scattering and transmission microscopy study of dilute Nafion solutions.
余子隆	2007	Polymer	Shear thickening behavior of dilute poly(diallyl dimethyl ammonium chloride) aqueous solutions.
余子隆	2007	J. Power Sources	Preparation of a low proton resistance PBI/PTFE composite membrane.
吳和生	2007	Biotechnology Journal	Scale-up of upstream and downstream operations for the production of glucosamine using microbial fermentation
吳和生	2007	American Institute of Chemical Engineers Journal	Solubility of Polyhydroxyalkanoates by Experiment and Thermodynamic Correlations
吳和生	2007	Journal of Combinatorial Chemistry	Kinetics of hydrogen Production of methanol reformation using Cu/ZnO/Al ₂ O ₃ Catalyst
吳和生	2007	Biotechnology Progress	Determination and Kinetics of Producing Glucosamine Using Fungi
林秀麗	2007	Journal of Power Sources	Sol-gel derived sulfonated-silica/NafionR composite membrane for direct methanol fuel cell
林秀麗	2007	Polymer	Shear thickening behavior of dilute poly(diallyl dimethyl ammonium chloride) aqueous solutions.
林秀麗	2007	J. Power Sources	Preparation of a low proton resistance PBI/PTFE composite membrane.
林昇佃	2007	Gold Bulletin	The Activation of Supported Au Catalysts Prepared by Impregnation
林昇佃	2007	Catalysis Letter	Methanol to long-chain oxygenates over Mg/Al mixed oxides supported Cu catalysts
林昇佃	2007	Catalysis Today	The Activity and Stability of Pd/C Catalysts in Benzene Hydrogenation
林錕松	2007	Nature & Science	Disinfection Effect of Chlorine Dioxide on Air Quality Control in Armed Forces General Hospital of Taiwan
林錕松	2007	Journal of Hazardous Materials	Application of MCM-41 for Dyes Removal from Wastewater
林錕松	2007	Chemosphere	Photocatalytic Oxidation of Toxic Organohalides with TiO ₂ /UV: The Effects of Humic Substances and Organic Mixtures
洪信國	2007	Journal of Applied Polymer Science	Catalytic Effects of Copper Oxides on the Curing and Degradation Reactions of Cyanate Ester Resin

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洪逸明	2007	Journal of Alloys and Compounds	Characterization of the yttria-stabilized zirconia thin film electrophoretic deposited on La _{0.8} Sr _{0.2} MnO ₃ substrate
洪逸明	2007	Journal of Alloys and Compounds	Low temperature synthesis of nanocrystalline lanthanum monoaluminate powders by chemical coprecipitation
孫一明	2007	Biomedical Engineering: Applications, Basis and Communications	Effect of Surface Characteristics of Polyhydroxyalkanoates (PHAs) on Metabolic Activities and Morphology of Human Schwann Cells-like (hSCs-like)
孫一明	2007	Journal of Biomaterials Applications	The C3A Cell Behaviours on Micropatterned Chitosan-Collagen-Gelatin Membranes
孫一明	2007	Macromolecules	Free-Volume Depth Profile of Polymeric Membranes Studied by Positron Annihilation Spectroscopy: Layer Structure from Interfacial Polymerization
孫一明	2007	Physica Status Solidi (C)	Applications of positron annihilation to polyamide membranes
孫一明	2007	Physica Status Solidi (C)	Structure and Free Volume Properties of Semi-crystalline Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) by Positron Annihilation Lifetime Analysis
孫一明	2007	Journal of Membrane Science	Proton Exchange Membranes Modified with Sulfonated Silica Nanoparticles for Direct Methanol Fuel Cells
張幼珍	2007	Journal of Aerosol Science	The Formation of Incense Smoke
莊瑞鑫	2007	American Institute of Chemical Engineers Journal	Modeling extraction separation of Nd(III) and La(III) from nitrate media in hollow fiber modules
莊瑞鑫	2007	Biochemical Engineering Journal	Use of chitosan-clay composite as immobilization support for improved activity and stability of beta-glucosidase
莊瑞鑫	2007	Chemical Engineering Journal	Ion-exchange kinetics of Cu(II) and Zn(II) ions from aqueous solutions with two chelating resins
莊瑞鑫	2007	Journal of Membrane Science	Separation of surfactin from fermentation broths by acid precipitation and two-stage dead-end ultrafiltration processes
莊瑞鑫	2007	Journal of Hazardous Materials	Photocatalytic degradation of phenol in aqueous solutions by Pr-doped TiO ₂ nanoparticles
莊瑞鑫	2007	Separation and Purification Technology	Role of alcohols in the formation of inverse microemulsions and back extraction of proteins/enzymes in a reverse micellar system
莊瑞鑫	2007	Chemical Engineering Journal	An overview of the structure and magnetism of spinel ferrite nanoparticles and their synthesis in microemulsions
莊瑞鑫	2007	Chemosphere	Microbial degradation of phenol in high-salinity solutions in suspensions and hollow fiber membrane contactors
莊瑞鑫	2007	International Journal of Biological Macromolecules	Stability and reactivity of acid phosphatase immobilized on the composite beads of chitosan and ZrO ₂ powders
彭宗平	2007	CHEMISTRY OF MATERIALS	Preparation of Periodic Arrays of Nanocrystal by Using Nanohoneycomb as Reaction Vessel

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彭宗平	2007	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	Observation of metal-insulator transition in vacuum-doped superconducting $\text{Li}(\text{Ti}_{2-x}\text{V}_x)\text{O}_4$
彭宗平	2007	EUROPEAN PHYSICAL JOURNAL B	Variable-range hopping in $\text{Fe}_{70}\text{Pt}_{30}$ catalyzed multi-walled carbon nanotubes film
彭宗平	2007	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	On the formation and photoluminescence of $\text{Si}_{1-x}\text{Ge}_x$ nanoparticles
彭宗平	2007	ELECTROCHEMICAL AND SOLID STATE LETTERS	Electrochemical Reduction and Hydrogenation of Co Oxides
彭宗平	2007	SCRIPTA MATERIALIA	Corrosion Behavior of Themohydrogen processed Ti-6Al-4V
彭宗平	2007	Nano Letters	Organic nanowire-templated fabrication of alumina nanotubes by atomic layer deposition
彭宗平	2007	ACTA MATERIALIA	Pressure-Composition Isotherms and Reversible Hydrogen-Induced Phase Transformations in Ti-6Al-4V
彭宗平	2007	Journal of the Electrochemical Society	Hydrogen gas-rechargeable metal hydride electrode for Ni-MH battery (II)
葉君棣	2007	SENSORS AND ACTUATORS B-CHEMICAL	Promotive effwct of CNT on $\text{Co}_3\text{O}_4\text{-SnO}_2$ in semiconductor-type CO sensor working at room temperature
葉君棣	2007	JOURNAL OF PHYSICAL CHEMISTRY C	Promotion of carbon-supported platinum-ruthenium catalyst for electrodecomposition of methanol
廖建勛	2007	Journal of Polymer Science: Part B: Polymer Physics	Nonisothermal Crystallization Behavior and Crystalline Structure of Poly(3-hydroxybutyrate)/Layered Double Hydroxide Nanocomposites
廖建勛	2007	Macromolecules	Highly Oriented Nanowires from the Hierarchical Self-Assembly in Supramolecular Complex of Polyaniline with ω -Methoxypoly(ethylene oxide) Phosphates
廖朝光	2007	Applied Surface Science	Multiple nano-TiO ₂ layers to prevent dye/nano-TiO ₂ from photodegradation under a UV-exposure environment
廖朝光	2007	Electrochemical Society (ECS) Transactions	Composition Effects in YSZ Electrolyte Tapes for Solid Oxide Fuel Cells Fabricated By Tape Casting
謝建德	2007	Separation and Purification Technology	Parameter Settings on Preparation of Composite Photocatalysts for Enhancement of Adsorption/photocatalysis Hybrid Capability
謝建德	2007	Chemical Physics Letters	Fabrication and Electric Capacitive Behavior of Hetero-junction Carbon Nanostructures by Using Secondary Chemical Vapor Deposition
謝建德	2007	international journal of hydrogen energy	Fabrication and Electrochemical Activity of Ni-attached Carbon Nanotube Electrodes for Hydrogen Storage in Alkali Electrolyte
謝建德	2007	Diamond and Related Materials	Gaseous Adsorption of Carbon Tetrachloride onto Carbon Nanofiber Arrays Prepared by Template-Assisted Synthesis
謝建德	2007	Journal of Vacuum Science & Technology B	Hydrothermal synthesis and visible light photocatalysis of metal-doped titania nanoparticles
謝建德	2007	Thin Solid Films	A modified Wenzel model for hydrophobic behavior of nanostructured surfaces

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謝建德	2007	Separation Science and Technology	Thermal regeneration of activated carbons exhausted with phenol compound
藍祺偉	2007	Atmospheric Environment	Effects of biodiesel on emissions of regulated air pollutants and polycyclic aromatic hydrocarbons under engine durability testing