

教師姓名	年份	期刊名稱	論文名稱
尹庚鳴	2006	化工	質子交換膜燃料電池
余子隆	2006	Journal of Polymer Research	Effect of pre-melting time on crystallization of PET
余子隆	2006	Journal of Polymer Research	A method for improving ionic conductivity of Nafion membrnes and its application to PEMFC
余子隆	2006	Journal of Power Sources	Nafion/PTFE/silicate composite membranes for direct methanol fuel cells
吳和生	2006	AIChE Journal	Catalytic Kinetics and Synthesis of Quaternary Ammonium Poly(styrene-co-methylstyrene) Resin
吳和生	2006	Journal of Combinatorial Chemistry	Kinetics of synthesizing polymer-supported quaternary ammonium catalyst
吳和生	2006	Industrial & Engineering Chemistry Research	Preliminary study on the characterization and preparation of quaternary ammonium membrane
林秀麗	2006	Journal of Polymer Research	Effect of pre-melting time on crystallization of PET
林秀麗	2006	Journal of Polymer Research	A method for improving ionic conductivity of Nafion membrnes and its application to PEMFC
林秀麗	2006	Journal of Power Sources	Nafion/PTFE/silicate composite membranes for direct methanol fuel cells
林昇佃	2006	Catalysis Letter	Acidity and Catalytic Behaviors of Ordered Mesoporous Aluminosilicate Materials Containing Zeolite Building Units
林昇佃	2006	J. Colloids and Interface Science	The Preparation of Pt Nanoparticles by Methanol and Citrate
林昇佃	2006	J. Power Sources	Using Pt Sols to Prepare Low-Pt Loading Electrodes for Polymer Electrolyte Fuel Cells
林昇佃	2006	Catalysis Letter	Acidity and Catalytic Behaviors of Ordered Mesoporous Aluminosilicate Materials Containing Zeolite Building Units
林昇佃	2006	Journal of Colloid and Interface Science	The Preparation of Pt Nanoparticles by Methanol and Citrate
林錕松	2006	Journal of Hazardous Materials	Sludge Conditioning Characteristics of Copper Chemical Mechanical Polishing Wastewaters Treated by Electrocoagulation
林錕松	2006	J. Chin. Colloid Interface	Synthesis and Characterization of TiO ₂ /Ferrite Nanocomposites
林錕松	2006	J. Chin. Colloid Interface	Synthesis and UV-Shielding Application of Nanophase CeO ₂ /ZnO Composites
林錕松	2006	J. Petrol. Sci. Eng.	Control Strategy of PCDD/Fs in an Industrial Fluidized-bed Incinerator via Activated Carbon Injection
林錕松	2006	J. Practice Period. Hazard. Toxic Radioact. Waste Manage.	Gasification of Aromatic Volatile Organic Compounds Generated from Petroleum and Refinery Industries with Syngas Recycling

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林錕松	2006	Journal of Colloid and Interface Science	Synthesis and UV-Shielding Application of Nanophase CeO ₂ /ZnO Composites
林錕松	2006	Journal of Colloid and Interface Science	Synthesis and Characterization of TiO ₂ /Ferrite Nanocomposites
林錕松	2006	Journal of Hazardous Materials	Sludge Conditioning Characteristics of Copper Chemical Mechanical Polishing Wastewaters Treated by Electrocoagulation
洪信國	2006	Appl. Microbiology & Biotechnology	Soluble Microbial Products (SMP) and Soluble Extracellular Polymeric Substances (EPS) from Wastewater Sludge
洪信國	2006	Appl. Microbiology & Biotechnology	Soluble Microbial Products (SMP) and Soluble Extracellular Polymeric Substances (EPS) from Wastewater Sludge
洪信國	2006	e-Polymers	The Attenuated Total Reflection Infrared Analyses of Surface Crystallinity of Polyhydroxyalkanoates
孫一明	2006	Journal of Polymer Science: Part B: Polymer Physics	Sulfonated Poly(aryl ether ether ketone)s Containing Fluorinated Moieties as Proton Exchange Membrane Materials
孫一明	2006	Journal of Membrane Science	Topological Micropatterned Membranes and its Effect on the Morphology and Growth of Human Mesenchymal Stem Cells (hMSCs)
孫一明	2006	Journal of Membrane Science	Fluorenyl-containing sulfonated poly(aryl ether ether ketone)s (SPFEEKK) for fuel cell applications
孫一明	2006	Journal of Power Sources	Using Silica Nanoparticles for Modifying Sulfonated Poly(phthalazinone Ether Ketone) Membrane for Direct Methanol Fuel Cell: A Significant Improvement on Cell Performance.
孫一明	2006	Polymer	Permeation and Sorption Properties of Benzene, Cyclohexane, and n-Hexane Vapors in Poly[bis(trifluoroethoxy)phosphazene] (PTFEP) Membranes
莊瑞鑫	2006	Water Research	Enhanced biodegradation of mixed phenol and sodium salicylate by Pseudomonas putida in membrane contactors
莊瑞鑫	2006	Journal of Membrane Science	Role of membrane-attached biofilm in the biodegradation of phenol and sodium salicylate in microporous membrane bioreactors
莊瑞鑫	2006	Biochemical Engineering Journal	Growth kinetics of Pseudomonas putida in the biodegradation of single and mixed phenol and sodium salicylate
莊瑞鑫	2006	Journal of Hazardous Materials	Biodegradation of phenol and sodium salicylate mixtures by suspended Pseudomonas putida CCRC 14365
莊瑞鑫	2006	Journal of Membrane Science	Factors affecting selective rejection of proteins within a binary mixture during cross-flow ultrafiltration
莊瑞鑫	2006	Journal of Membrane Science	Kinetic analysis on reactive extraction of aspartic acid from water in hollow fiber membrane modules
莊瑞鑫	2006	Journal of Membrane Science	Kinetic analysis on membrane-based reverse micellar extraction of lysozyme from aqueous solutions
莊瑞鑫	2006	Journal of Hazardous Materials	Ion exchange recovery of Ni(II) from simulated electroplating waste solutions containing anionic ligands

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莊瑞鑫	2006	Separation and Purification Technology	Column removal of Ni(II) from synthetic electroplating waste water using a strong-acid resin
莊瑞鑫	2006	Journal of Hazardous Materials	Removal of soluble organics from water by a hybrid process of clay adsorption and membrane filtration
莊瑞鑫	2006	Journal of The Chinese Institute of Chemical Engineers	Preparation of cobalt ferrite and metal oxide nano-particles in the microemulsions of cetyltrimethylammonium p-toluene sulfonate.
彭宗平	2006	SCRIPTA MATERIALIA	Microstructure of Ti-6Al-4V processed by hydrogenation
葉君棣	2006	JOURNAL OF PHYSICAL CHEMISTRY B	Promotion of the electrochemical activity of a bimetallic platinum-ruthenium catalyst by oxidation-induced segregation
葉君棣	2006	JOURNAL OF PHYSICAL CHEMISTRY B	Chemical activity of palladium clusters: Sorption of hydrogen
廖建勛	2006	Journal of Polymer Science: Part B: Polymer Physics	Isothermal Crystallization Kinetics of Poly(3-hydroxybutyrate)/Layered Double Hydroxide Nanocomposites
廖朝光	2006	Journal of Applied Polymer Science	Kinetic Investigation of ZrO ₂ , Y ₂ O ₃ , and Ni on Poly(vinyl butyral) Thermal Degradation Using Nonlinear Heating Functions
廖朝光	2006	Colloid and Surfaces A: Physicochemical and Engineering Aspects	Process optimization of preparing silica particles with uniform distribution in sub-micron sizes using artificial neural networks
廖朝光	2006	Industrial & Engineering Chemistry Research	Kinetic Investigation of Photocatalytic Effects on Poly(vinyl butyral) Photodegradation
謝建德	2006	Separation Science and Technology	Fabrication and Vapor-Phase Adsorption Characterization of Acetone and n-Hexane onto Carbon Nanofibers
謝建德	2006	Applied Physics Letters	Superhydrophobic Behavior of Fluorinated Carbon Nanofiber Arrays
謝建德	2006	Journal of Vacuum Science & Technology B	Improvement on Superhydrophobic Behavior of Carbon Nanofibers via the Design of Experiment and Analysis of Variance
謝建德	2006	Journal of Vacuum Science & Technology B	Influence of Fluorine/Carbon Atomic Ratio on Superhydrophobic Behavior of Carbon Nanofibers Arrays
謝建德	2006	Microporous and Mesoporous Materials	Synthesis of Mesoporous Carbon Composite and Its Electric Double-Layer Formation Behavior
謝建德	2006	Surface and Coatings Technology	Enhancement of Water-Repellent Performance on Functional Coating by Using the Taguchi Method