

教師姓名	年份	期刊名稱	論文名稱
尹庚鳴	2011	Fuel Cells	effects of humidification on the membrane electrode assembly of proton exchange membrane fuel cells at relatively high cell temperatures
尹庚鳴	2011	International Journal of Hydrogen Energy	A pseudo-phase -equilibrium approach for the calculation of liquid water saturation in the cathode gas diffuser of proton-exchange-membrane fuel cells
尹庚鳴	2011	Journal of Power Sources	Performance equations for a polymer electrolyte membrane fuel cell with unsaturated cathode feed
何政恩	2011	Journal of Electronic Materials	Effects of Joining Sequence on the Interfacial Reactions and Substrate Dissolution Behaviors in Ni/Solder/Cu Joints
何政恩	2011	Materials Letters	Current Stressing-Induced Growth of Cu <sub>3</sub> Sn in Cu/Sn/Cu Solder Joints
何政恩	2011	Journal of Alloys and Compounds	Effects of Pd concentration on the interfacial reaction and mechanical reliability of the Sn-Pd/Ni system
余子隆	2011	Journal of Power Sources	A semi-empirical model for efficiency evaluation of a direct methanol fuel cell
吳和生	2011	Marine Drugs	Biodegradable and biocompatible biomaterial, polyhydroxybutyrate, produced by an indigenous Vibrio sp. BM-1 isolated from marine environment
吳和生	2011	Global Journal of Biochemistry,	Correlation modeling of solubility and osmotic second virial coefficient in protein crystallization
吳和生	2011	Journal of Bioscience and Bioengineering	Development of natural anti-tumor drugs by microorganism
吳和生	2011	Industrial & Engineering Chemistry Research	New approach to pesticide delivery using nano-suspensions: research and applications
吳和生	2011	International Journal of Molecular Sciences	Screening and evaluation of polyhydroxybutyrate-producing strains from indigenous isolate Cupriavidus taiwanensis strains
吳和生	2011	Journal of Optoelectronics and Advanced Materials	Study of image improvement for an organic light emitting diode using an iodide-polarizer
林裕川	2011	Applied Catalysis B - Environmental	Methanol partial oxidation over palladium-, platinum-, and rhodium-integrated LaMnO <sub>3</sub> perovskites
林裕川	2011	Catalysis Today	Pd-integrated lanthanum-transition metal perovskites for methanol partial oxidation
林裕川	2011	Catalysis Communications	The effect of Pd content in LaMnO <sub>3</sub> for methanol partial oxidation
林裕川	2011	Energy & Fuels	Catalytic Hydrodeoxygenation of Guaiacol on Rh-Based and Sulfided CoMo and NiMo Catalysts
林錕松	2011	Journal of Nanomaterials	Synthesis and Characterization of 1-D Ceria Nanomaterials for CO Oxidation and Steam Reforming of Methanol

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林錕松	2011	Catal. Today	Synthesis and Characterization of Nickel Ferrite Nanocatalysts for CO <sub>2</sub> Decomposition
林錕松	2011	Catalysis Today	Hydrogen Adsorption in Metal Organic Frameworks by Hydrogen Spillover
林錕松	2011	Molecules	Hydrogen Generation Using a CuO/ZnO-ZrO <sub>2</sub> Nanocatalyst for Autothermal Reforming of Methanol in a Microchannel Reactor
林錕松	2011	Catalysis Today	Preparation and Characterization of CuO/ZnO-Al <sub>2</sub> O <sub>3</sub> Catalyst Washcoats with CeO <sub>2</sub> Sols for Autothermal Reforming of Methanol in a Microreactor
林錕松	2011	Thin Solid Films	Synthesis and Characterization of CuO/ZnO-Al <sub>2</sub> O <sub>3</sub> Catalyst Washcoat Thin Film with ZrO <sub>2</sub> Sol for Steam Reforming of Methanol in a Microreactor
林錕松	2011	桃園縣大學校院產業環保技術服務團「環保簡訊」-環保新知	土壤及地下水污染整治之創新技術：微奈米釋氧控制器與奈米零價鐵
林錕松	2011	桃園縣大學校院產業環保技術服務團「環保簡訊」-環保新知	奈米零價鐵微粒之合成、表面改質及水相分散之研究
姚少凌	2011	Stem Cells	Lysophosphatidic acid induces erythropoiesis through activating lysophosphatidic acid receptor 3
姚少凌	2011	BIOMEDICAL ENGINEERING-APPLICATIONS BASIS COMMUNICATIONS	Biological Effects of Oligosaccharide Chondroitin Sulfate C on Human Articular Chondrocytes
姚少凌	2011	Journal of Bioscience and Bioengineering	Compare the effects of chondrogenesis by culture of human mesenchymal stem cells with various type of the chondroitin sulfate C
姚少凌	2011	Cytotechnology	Evaluating osteochondral defect repair potential of autologous rabbit bone marrow cells on type II collagen scaffold
洪信國	2011	J. Therm. Analysis Calorimetry	Enhancement of the Crystallization and Thermal Stability of Polyhydroxybutyrate by Polymeric Additives
洪逸明	2011	Journal of the European Ceramic Society	Conductivity and electrochemical performance of (Ba <sub>0.5</sub> Sr <sub>0.5</sub> ) <sub>0.8</sub> La <sub>0.2</sub> Fe <sub>1-x</sub> Mn <sub>x</sub> O <sub>3-δ</sub> cathode prepared by the citrate-EDTA complexing method
洪逸明	2011	Journal of the European Ceramic Society	The effects of doped Nd on conductivity and phase stability of BaCe <sub>0.8</sub> Y <sub>0.2</sub> O <sub>3-δ</sub> -based electrolyte for solid oxide fuel cell
洪逸明	2011	The Journal of Physical Chemistry C	Effect of Vanadium Incorporation on Electrochemical Performance of LiFePO <sub>4</sub> for Lithium-Ion Batteries
洪逸明	2011	Ceramics International	Phase transformation kinetics of 3 mol% yttria partially stabilized zirconia (3Y-PSZ) nanopowders prepared by a non-isothermal process
紀渥德	2011	Journal of Alloys and Compounds	Thermodynamic description of the binary Cu-Zr system
紀渥德	2011	Thermochimica Acta	Enthalpies of mixing of liquid systems for lead-free soldering: Cu-Sb-Sn system
孫一明	2011	Journal of Biomaterials Science: Polymer Edition	Effects of the Surface Characteristics of Nano-Crystalline and Micro-Particle Calcium Phosphate/Chitosan Composite Films on the Behavior of Human Mesenchymal Stem Cells In Vitro

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孫一明	2011	Nucleic Acids Research	Identifying transcriptional start sites of human microRNAs based on high-throughput sequencing data
孫一明	2011	Letters in Applied Microbiology	Functional cis-Expression of phaCAB Genes for Poly(3-hydroxybutyrate) Production by Escherichia coli
孫一明	2011	International Journal of Molecular Sciences	Screening and evaluation of polyhydroxybutyrate-producing strains from indigenous isolate Cupriavidus taiwanensis strains
孫一明	2011	Polymer	Structure, Mechanical Properties and Degradation Behaviors of the Electrospun Fibrous Blends of PHBHHx/PDLLA
孫安正	2011	IEEE Transactions on Magnetics	Bulk Nanocrystalline Nd-Fe-B Magnets Solidified in Magnetic Field With Various Surface Area-to-Volume Ratios
孫安正	2011	IEEE Transactions on Magnetics	Critical Thickness of (001) Texture Induction in FePt Thin Films on Glass Substrates
孫安正	2011	IEEE Transactions on Magnetics	Magnetic Properties and Crystal Structure of Melt Spun SmCo <sub>7-x</sub> Sn <sub>x</sub> (x=0-0.6) Ribbons
孫安正	2011	Journal of Applied Physics	Coercivity enhancement in Co <sub>50-x</sub> Cu <sub>x</sub> Pt <sub>50</sub> L11 thin films
孫安正	2011	Journal of Alloys and Compounds	Composition dependence of magnetic properties of directly quenched Nd-Fe-Ti-Zr-B bulk magnets
孫安正	2011	Journal of Applied Physics	Effect of Ge on the magnetic properties and crystal structure of melt spun SmCo <sub>7-x</sub> Gex ribbons
孫安正	2011	IEEE Transactions on Magnetics	Enhanced Structural and Magnetic Ordering of FePt/Mn-Oxide Bilayers by Ion-Beam Bombardment and Annealing
孫安正	2011	Progress in Electromagnetics Research C- PIER C	Gain enhancement of planar monopole with magnetodielectric material
孫安正	2011	Journal of Applied Physics	Low temperature growth of FePt and CoPt films on MgO(111) substrate
孫安正	2011	Journal of Applied Physics	Magnetic properties and microstructure of bulk Nd-Fe-B magnets solidified in magnetic field
孫安正	2011	Acta Materialia	Tensile deformation micromechanisms for bulk metallic glass matrix composites: From work-hardening to softening
莊瑞鑫	2011	Journal of Nanoparticle Research	Biochemical and biomedical applications of multifunctional magnetic nanoparticles: A review
莊瑞鑫	2011	Journal of the Taiwan Institute of Chemical Engineers	Half-life and half-capacity concentration approach for the adsorption of 2,4-dichlorophenol and methyl blue from water on activated carbons
莊瑞鑫	2011	Journal of Environmental Management	Photocatalytic degradation of phenol on different phases of TiO <sub>2</sub> particles in aqueous suspensions under UV irradiation
莊瑞鑫	2011	Journal of Environmental Management	Preparation of novel activated carbons from H <sub>2</sub> SO <sub>4</sub> -treated corncob hulls with KOH activation for quick adsorption of dye and 4-chlorophenol
莊瑞鑫	2011	Japanese Journal of Applied Physics	Surface modification of polypropylene membrane by RF methane/oxygen mixture plasma treatment

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莊瑞鑫	2011	IEEE Xplore database	In Situ Monitoring of Voltage and Temperature in Lithium Batteries
莊瑞鑫	2011	International Journal of Materials Engineering Innovation	Photocatalytic degradation of reactive orange 16 dye over Au-doped TiO <sub>2</sub> in aqueous suspension
莊瑞鑫	2011	Membrane Water Treatment, an International Journal	Separation and flux characteristics in cross-flow ultrafiltration of bovine serum albumin and bovine hemoglobin solutions
彭宗平	2011	Nanotechnology	Fabrication of TiO <sub>2</sub> nanotubes by atomic layer deposition and their photocatalytic and photoelectrochemical applications
彭宗平	2011	Journal of Physical Chemistry C	Photocatalysis of Ag-Loaded TiO <sub>2</sub> Nanotube Arrays Formed by Atomic Layer Deposition
彭宗平	2011	Journal of Nanoscience and Nanotechnology	Photocatalytic Degradation of Rhodamine B by Anchored TiO <sub>2</sub> Nanowires
黃振球	2011	Colloid and Polymer Science	Conjugated polymer-functionalized carbon nanotubes enhance the photovoltaic properties of polymer solar cells
黃振球	2011	Journal of the Taiwan Institute of Chemical Engineers	The synergistic effect of nisin and garlic shoot juice against listeria spp. in soymilk
黃駿	2011	IEEE Transactions on Plasma Science	Degradation of Bacillus Subtilis by Cyclonic Atmospheric Pressure Plasma.
黃駿	2011	IEEE Transactions on Plasma Science	Glow Characterization in Low-Pressure Radio-Frequency CH <sub>2</sub> F <sub>2</sub> and C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> Plasma Deposition Systems
黃駿	2011	Japanese Journal of Applied Physics	Surface modification of polypropylene membrane by RF methane/oxygen mixture plasma treatment
黃駿	2011	Japanese Journal of Applied Physics	Static Water Contact Angle Analysis of Cyclonic Atmospheric Pressure Plasma Activated Polycarbonate
葉君棣	2011	Sensors	Application of Flexible Micro Temperature Sensor in Oxidative Steam Reforming by A Methanol Micro Reformer
葉君棣	2011	Materials Chemistry and Physics	Coating Powered Copper Catalyst with Yttria Sol
葉君棣	2011	Molecules	Hydrogen Generation Using a CuO/ZnO-ZrO <sub>2</sub> Nanocatalyst for Autothermal Reforming of Methanol in a Microchannel Reactor
葉君棣	2011	International Journal of Hydrogen Energy	In-situ Measurement of The Local Temperature Distributions for The Steam Reforming of A Methanol Micro Reformer by Using Flexible Micro Temperature Sensors
葉君棣	2011	Catalysis Communications	Oxidative steam reforming of ethanol over PtRu/ZrO <sub>2</sub> catalysts modified with sodium and magnesium
葉君棣	2011	Catalysis Today	Preparation and Characterization of CuO/ZnO-Al <sub>2</sub> O <sub>3</sub> Catalyst Washcoats with CeO <sub>2</sub> Sols for Autothermal Reforming of Methanol in a Microreactor
葉君棣	2011	Journal of Catalysis	Promotion of a copper-zinc catalyst with rare earth for the steam reforming of methanol at low temperatures
葉君棣	2011	Thin Solid Films	Synthesis and Characterization of CuO/ZnO-Al <sub>2</sub> O <sub>3</sub> Catalyst Washcoat Thin Film with ZrO <sub>2</sub> Sol for Steam Reforming of Methanol in a Microreactor

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葉君棟	2011	Catalysis Today	Ultrasonic-assisted fabrication of LaNiOx composite oxide nanotubes and application to the steam reforming of ethanol
廖建勳	2011	Materials Science and Physics	Microwave-polyol synthesis and electrocatalytic performance of Pt/graphene nanocomposites
廖朝光	2011	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Vacancy defect distribution of colloidal particle deposition in a sedimentation process investigated using Kinetic Monte Carlo simulation
謝建德	2011	The Open Materials Science Journal	Characterization and Electrochemical Behavior of Graphene-Based Anode for Li-Ion Batteries
謝建德	2011	International Journal of Hydrogen Energy	Electrochemical Activity and Durability of Pt-Sn Alloys on Carbon-based Electrodes Prepared by Microwave-assisted Synthesis
謝建德	2011	Journal of Physical Chemistry C	Electrochemical Capacitors Based on Graphene Oxide Sheets Using Different Aqueous Electrolytes
謝建德	2011	Journal of Physical Chemistry C	Graphite Oxide with Different Oxygenated Levels for Hydrogen and Oxygen Production from Water under Illumination: The Band Positions of Graphite Oxide
謝建德	2011	Electrochimica Acta	High Reversibility of Li Intercalation and De-intercalation in MnO-attached Graphene Anodes for Li-ion Batteries
謝建德	2011	Electrochimica Acta	Improved storage capacity and rate capability of Fe <sub>3</sub> O <sub>4</sub> -graphene anodes for lithium-ion batteries
謝建德	2011	Applied Surface Science	Improvement of Water and Oil Repellency on Wood Substrates by Using Fluorinated Silica Nanocoating
謝建德	2011	Carbon	Mesoporous Carbon Spheres Grafted with Carbon Nanofibers for High-rate Electric Double Layer Capacitors.
謝建德	2011	International Journal of Hydrogen Energy	Microwave-assisted Polyol Synthesis of Pt-Zn Electrocatalysts on Carbon Nanotube Electrodes for Methanol Oxidation
謝建德	2011	Electrochimica Acta	Microwave-assisted Synthesis and Pulse Electrodeposition of Palladium Nanocatalysts on Carbon Nanotube Based Electrodes
謝建德	2011	Carbon	One- and Two-dimensional Carbon Nanomaterials as Counter Electrodes for Dye-sensitized Solar Cells
謝建德	2011	Journal of Physical Chemistry C	Photocatalytically Reduced Graphite Oxide Electrode for Electrochemical Capacitors
謝建德	2011	Diamond and Related Materials	Preparation of Pt-Co Nanocatalysts on Carbon Nanotube Electrodes for Direct Methanol Fuel Cells
謝建德	2011	Catalysis Communications	Pulse Electrodeposition of Pt Nanocatalysts on Graphene-based Electrodes for Proton Exchange Membrane Fuel Cells
謝建德	2011	Journal of Power Sources	Synthesis of Silver Nanoparticles on Carbon Papers for Electrochemical Catalysts
謝建德	2011	Solid State Ionics	Synthesis of Spinel Lithium Titanate Anodes Incorporated with Rutile Titania Nanocrystallites by Spray Drying Followed by Calcination
謝建德	2011	Surface & Coatings Technology	Water/oil Repellency and Work of Adhesion of Liquid Droplets on Graphene Oxide and Graphene Surfaces

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謝建德	2011	Separation Science and Technology	Adsorption of Phenol and Basic Dye on Carbon Nanotubes/Carbon Fabric Composites from Aqueous Solution
謝建德	2011	IEEE Xplore database	In Situ Monitoring of Voltage and Temperature in Lithium Batteries
藍祺偉	2011	Separation and Purification Technology	Integrated fluidized bed affinity recovery of an anti-MUC1 mucin recombinant diabody from Escherichia coli lysates
藍祺偉	2011	Letters in Applied Microbiology	Functional cis-Expression of phaCAB Genes for Poly(3-hydroxybutyrate) Production by Escherichia coli