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<b>B20110619005</b>	<b>B-043</b>	Microstructure, morphology and properties of titanium containing graphite-like carbon films deposited by unbalanced
<b>B20110619008</b>	<b>B-042</b>	Effects of direct-current and pulse-reverse copper plating waveforms on the incubation behavior of self-annealing
<b>B20110620001</b>	<b>B-041</b>	Dependence of TiO <sub>2</sub> resistive switching property on the non-lattice oxygen amount
<b>B20110620003</b>	<b>B-040</b>	Effects of SiO <sub>2</sub> Particle Size on Photocatalytic Activity of TiO <sub>2</sub> -SiO <sub>2</sub> Nano-composite Thin Films
<b>B20110620004</b>	<b>C-066</b>	Effect of substrate temperature on structural and optical properties of InN epilayer grown GaN
<b>B20110620005</b>	<b>B-039</b>	Synthesis of nano-network NaHTi <sub>3</sub> O <sub>7</sub> thin films on Ti/Si by a hydrothermal-galvanic couple method
<b>B20110620006</b>	<b>B-038</b>	Effects of Ta spacer layers on the thermal stability, microstructures and magnetic properties of FePt films on Si(100)
<b>B20110620007</b>	<b>B-037</b>	Effect of Magnetron Sputtered Silicon Nitride on Water-Vapor-Transmission-Rate of Polyimide Nanocomposites
<b>B20110620008</b>	<b>B-036</b>	A Novel ZnO/Silicon Nanowires Extended-Gate Field-Effect Transistors as pH Sensor
<b>B20110620009</b>	<b>B-035</b>	Deformation mechanism of amorphous/nanocrystalline multilayers thin films on polyimide substrates
<b>B20110620011</b>	<b>B-034</b>	Synthesis of Tungsten Carbides via Metal-Organic Chemical Vapor Deposition and Carbonization Process
<b>B20110620012</b>	<b>B-033</b>	Influence of Li doping on the optical and magnetic properties of ZnO nanorods
<b>B20110620013</b>	<b>B-032</b>	Annealing Effect on Hydrothermal Al-Doped ZnO Nanostructures Applied for Field-Emission Devices
<b>B20110620014</b>	<b>B-031</b>	ATO thin film influence anti-infrared of glass
<b>B20110620015</b>	<b>B-030</b>	Corrosion resistance of multilayer CrN/NiP composite coatings
<b>B20110620016</b>	<b>B-029</b>	Growth of Periodic Structure of Anodic Aluminum Oxide Using Multi-electrolyte-step Method
<b>B20110620017</b>	<b>B-028</b>	Improvement of water vapor diffusion barrier characteristics by electron beam irradiation on Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> thin film passivation for polymer substrates
<b>B20110620018</b>	<b>B-027</b>	Surface Energy Dependent Pore density of Low-Reflectivity Alumina Thin-Film on Glass Substrate
<b>B20110620019</b>	<b>B-026</b>	A Study of the Additive in CuS/Expanded Graphite/EVA Nanocomposites for Electromagnetic interference Shielding Effectiveness
<b>B20110620020</b>	<b>B-024</b>	Correlation between Photo Response and Structural Development of the Annealed Si-Rich Nitride Film
<b>B20110620022</b>	<b>B-022</b>	Investigation of Chemical Composition and Bonding Configuration on Ultra Low-k Organosilicate Dielectrics by Ultraviolet Annealing
<b>B20110620024</b>	<b>B-021</b>	The influence of aluminium oxide surface modification treatment on the performance of dye-sensitized solar cell
<b>B20110620025</b>	<b>B-020</b>	Electrical properties and photo-sensing capabilities of laterally networked SWCNTs synthesized by a sandwich-grown method in MPCVD

<b>B20110620026</b>	<b>B-019</b>	Thermal Imprint Techniques for Preparation of Superhydrophobic Polymer Coatings
<b>B20110620027</b>	<b>B-018</b>	Synthesis of Tungsten Carbide- Alumina Nanocomposites via Metal-Organic Chemical Vapor Deposition and Carbonization Process
<b>B20110620028</b>	<b>B-017</b>	P-type Silicon Nanowire Field-Effect-Transistor by in situ Substructure Doping
<b>B20110620029</b>	<b>B-016</b>	The controllable size and magnetic properties of Zn <sub>0.95</sub> Mn <sub>0.05</sub> O nanorods prepared by pulsed laser deposition.
<b>B20110620030</b>	<b>B-015</b>	High refractive index organic–inorganic composites with TiO <sub>2</sub> nanocrystal
<b>B20110620031</b>	<b>B-014</b>	Composite thin film prepared from semiconductor nanoparticles and amphiphilic block copolymers
<b>B20110620032</b>	<b>B-013</b>	Magnetic properties of NiFe needles on nanoporous anodized aluminum oxides
<b>B20110620033</b>	<b>B-012</b>	Resistive switching characteristics of BiFeO <sub>3</sub> for nonvolatile memory application
<b>B20110620035</b>	<b>F-008</b>	The effect of Cr/Zr chemical composition ratios on the mechanical properties of CrN/ZrN multilayered coatings deposited by cathodic arc deposition system
<b>B20110620036</b>	<b>B-010</b>	The effects of seed layer material on the density and diameter of ZnO nanowires grown by solution method
<b>B20110620037</b>	<b>B-009</b>	Growth of Vertically Aligned GaN Nanowires by Nanosphere-Lithography
<b>B20110620040</b>	<b>B-008</b>	Fabrication of Ordered ZnO Nanowire Arrays by Microsphere Lithography for Solar Cell Applications
<b>B20110621001</b>	<b>B-007</b>	Resistive switching characteristics of gallium oxide for nonvolatile memory application
<b>B20110622002</b>	<b>B-006</b>	Solvothermal synthesis of ITO slurry for the spin coating process
<b>B20110622003</b>	<b>B-005</b>	Characterization of Al-doped ZnS Films Grown by Solution Growth Method
<b>B20110629001</b>	<b>B-004</b>	Simultaneous Growth of Diamond-Like-Carbon and Carbon Nanotube Films on Silicon Substrates by the Microwave Plasma Jet Chemical Vapor Deposition system
<b>B20110706001</b>	<b>B-003</b>	Nonlinear characteristics of carbon interstitial diffusion
<b>B20110706002</b>	<b>B-002</b>	The Dispersion of Nanometer SiC on Electroless Ni-P-nano SiC Composite Plating
<b>B20110922001</b>	<b>B-001</b>	Surface passivation of pre-oxidized silicon by atomic layer deposited Al <sub>2</sub> O <sub>3</sub>
<b>C20110427001</b>	<b>C-179</b>	Characteristics of GaN/InGaN Double-Heterostructure Photovoltaic Cells
<b>C20110504001</b>	<b>C-177</b>	Investigating the Stability and electrical characteristics of Amorphous Indium Gallium Zinc Oxide Thin Film Transistors
<b>C20110506001</b>	<b>C-176</b>	The dependence of structural and optical properties of ZnO thin films prepared by E-beam evaporation on annealing temperatures
<b>C20110509001</b>	<b>C-175</b>	Piezoelectric and dielectric properties of (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )(Zr <sub>0.1</sub> Ti <sub>0.9</sub> )O <sub>3</sub> lead-free piezoceramics prepared by sol-gel technique
<b>C20110512001</b>	<b>C-174</b>	Effect of doping source on structural and optical properties of ZnMgO crystalline thin films deposited by sol-gel method
<b>C20110512002</b>	<b>C-173</b>	Effect of Mg concentration on structural, electrical and optical properties of Zn <sub>1-x</sub> Mg <sub>x</sub> O nanocrystalline thin films deposited by sol-gel route
<b>C20110512003</b>	<b>C-172</b>	Resistive Switching behavior of HoScO <sub>3</sub> Thin Films for the Resistance Random Access Memory
<b>C20110513001</b>	<b>C-171</b>	Growth and Physical Properties of Cu doped ZnO thin films by Chemical Vapor Deposition
<b>C20110514001</b>	<b>C-170</b>	ZnO-based p-n homo-junction light emitting diode
<b>C20110516001</b>	<b>C-167</b>	Dislocation reduction in HT-GaN/AlGaN/HT-GaN structure for the application in UV photodetectors
<b>C20110516002</b>	<b>C-166</b>	Ultrafast investigation of electron dynamics in the gold-coated two-layer metal films
<b>C20110516003</b>	<b>C-165</b>	Effect of Thermal Budget on Chemical Structure and Electrical Performance of HfO <sub>2</sub> Gate Device
<b>C20110516004</b>	<b>C-164</b>	Amorphous hafnium-indium-zinc oxide semiconductor thin film transistors

C20110517001	C-163	Fabrication and Characterization of Indium Sulfide Thin Films Deposited on SAMs Modified Substrates Surfaces by Chemical Bath Deposition
C20110517006	C-161	Effect of wavelength on patterning the electrode of cholesteric liquid crystal display
C20110517007	C-160	Improved electrical properties of high k HfO <sub>2</sub> films treated by C4F8 dual frequency capacitively coupled plasma
C20110517008	C-159	Dielectric properties of Ce-doped HfO <sub>2</sub> grown by radio frequency magnetron sputtering
C20110517010	C-158	Preparation of High-Dielectric-Constant Ag@Al <sub>2</sub> O <sub>3</sub> /Polyimide Composite Films for Embedded Capacitor Applications
C20110518001	C-157	Refractive Index Design and Applications of Transparent Conductive Thin Films
C20110518002	C-156	Preparation and Characterization of Ce-Doped Ba(ZrxTi1-x)O <sub>3</sub> Powders and Coatings
C20110518003	C-154	Space-qualified optical thin films by ion beam assisted deposition
C20110518005	C-153	Investigation on the properties of thin ZnO films grown by atomic layer deposition
C20110518007	C-152	Transparency Conducting AZO Films Made by Sol-Gel and DC Sputtering Methods
C20110518009	C-151	A study on electrical property of direct-patternable SnO <sub>2</sub> thin films by incorporation with Ag nanoparticles and multi-wall carbon nanotubes
C20110518012	C-149	Modified procedure of atomic layer deposition for Al-dopant distribution in ZnO thin films
C20110518013	C-148	Improvement in the bias stability of amorphous InGaZnO TFTs using an Al <sub>2</sub> O <sub>3</sub> passivation layer
C20110518014	C-147	Design, simulation, and optimization of antireflection coating and combining with surface texture for optical characterization improvement of the surface on silicon solar cells
C20110518015	C-146	Investigation of Electrodeposited WO <sub>3</sub> Film with Heat Treatment
C20110518018	C-145	Resistance Switching of Copper-Doped Tantalum Oxynitride Films Prepared by Oxidation of Copper-Doped Tantalum Nitride
C20110518019	C-144	Passivation of copper-hafnium thin films using self-forming hafnium oxide
C20110518020	C-143	CdZnS thin film with low Zn content prepared by chemical bath deposition
C20110518021	C-142	Influence of a Ni Insertion Layer on the Resistive Switching Characteristics of a Cu/SiO <sub>2</sub> /Pt Structure
C20110519001	C-140	Transparent conducting oxide films of TaZnO prepared by RF magnetron co-sputtering of constituent binary oxides at room temperature
C20110519003	C-139	Interface Analysis of ZrO <sub>2</sub> Sol-gel Optical Films with Specular and Nonspecular X-ray Reflectivity
C20110519005	C-136	Analysis the effects of ambient dependence for InGaZnO TFTs under illuminated bias stress
C20110519006	C-135	Preparation and Characterization of un-doped ZnO Films by DC Magnetron and Photovoltaic Application
C20110519007	C-134	SnO <sub>2</sub> thin films prepared by RF magnetron sputtering and its photovoltaic applications
C20110519009	C-133	Spectroscopic ellipsometry characterization of TiAlN films grown by atomic Layer deposition
C20110519010	C-132	Microstructure, optical and electrical properties of In-doped ZnO films by rf co-sputtering
C20110519012	C-131	Resistance Switching of Aluminum Oxide Films Doped with Copper
C20110519014	C-130	N <sub>2</sub> O Plasma Treatment Suppressed Temperature-dependent Sub-threshold Leakage Current of amorphous Indium-Gallium-Zinc-Oxide Thin Film Transistors
C20110519016	C-129	Effect of thermal annealing on structural properties of sputtered Cu-Al-O films
C20110519017	C-128	Properties of low-temperature deposited ZnO thin films prepared by cathodic vacuum arc technology on the different flexible substrates
C20110519018	C-126	Inverse opal photonic crystals fabricated from core-shell colloids



C20110519019	C-125	Effect of Annealing on Microstructure and Dielectric Properties of Zn <sub>2</sub> Ti <sub>3</sub> O <sub>8</sub> Thin Films by Reactive Co-sputtering
C20110520001	C-123	Photoluminescence Studies of GaN Films Grown on Sapphire Substrate By MOCVD
C20110520002	C-122	Synthesis, Phase Transition and Optical Properties of Titanium Dioxide Films Deposited by Plasma Assisted Pulsed Laser Deposition
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C20110520006	C-117	Optical and electrical properties of In-doped NiO films by radio frequency sputtering
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C20110520008	C-114	Characteristics of InN films with Mn ion implantation
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C20110521001	C-111	The effect of CO <sub>2</sub> laser irradiation on the structure and photoluminescence of ZnO thin films prepared by sol-gel process
C20110522002	C-109	The Hydrothermal Growth of ZnO nanowire with Buffer Layer for Dye-sensitized Solar Cell
C20110522003	C-108	Dye-sensitized Solar Cells with Compact TiO <sub>2</sub> Thin Films Prepared by Spray Pyrolysis and Sol-Gel Methods
C20110603001	C-107	Effects of Deposition Temperature on the Characteristics of Hydrogen Co-doped in ZnO:Ti Thin Films
C20110605001	C-106	Effects of Oxygen Partial Pressure and Substrate Temperature on the Microstructure and Properties of (Zr <sub>0.8</sub> Sn <sub>0.2</sub> )TiO <sub>4</sub> Thin Films on ITO/Glass Substrate
C20110605002	C-105	Effects of acetylacetone on the preparation of Sol-Gel Derived (Ca <sub>0.8</sub> Sr <sub>0.2</sub> )TiO <sub>3</sub> Dielectric Thin Films
C20110605003	C-104	Fabrication and Characterization of ZnO-doped Nd(Co <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> Thin Films Prepared by rf Magnetron Sputtering
C20110608001	F-041	Effects of organic compounds on microstructure, electrical and optical properties of ITO thin films prepared by dip coating method
C20110609001	C-103	N-type Buffer Layer Prepared by Shallow Chemical Bath Deposition
C20110613001	C-102	Optical and photoelectrical behaviors of Cu <sub>2</sub> O-Ag nanocomposite thin films
C20110614001	C-101	Material and optical investigations of m-plane InGaN/GaN multiple quantum wells with varying indium compositions on LiAlO <sub>2</sub> substrates
C20110614002	C-100	Epitaxial growth of transparent p-type conducting CuAlO <sub>2</sub> thin film by chemical solution deposition method
C20110615001	C-099	Structural, optical and electrical properties of AZO/Cu/AZO triple layers prepared by radio frequency magnetron sputtering
C20110615002	C-098	The antireflection study on double surface coarsening structures of silicon base solar cell by sputtering SiO <sub>2</sub> /TiO <sub>2</sub> double layers
C20110615003	C-097	The enhanced conductivity of AZO thin film by sputtering the Aluminum metal conductive layer
C20110615004	C-096	The study of surface deposition on double surface coarsening structures of silicon base solar cell
C20110615005	C-095	The effects of surface morphology in amorphous silicon thin film solar cells with stainless steel substrate
C20110615006	C-094	Thermally stimulated current in ZnO thin films grown by low pressure CVD
C20110616001	C-093	Broadband Wavelength and Wide-Acceptance Angle of SiO <sub>2</sub> Sub-Wavelength Surface Structure for Solar Cells Using CF <sub>4</sub> RIE Etching
C20110616002	C-092	Room temperature deposition of aluminium-doped Zinc oxide films by the non-reactive high power pulsed magnetron sputtering
C20110616003	C-091	Preparation and Characterizations of IZO/SiO <sub>x</sub> /n-Si Hetero-junction Structure Solar Cells
C20110616004	C-090	Structural and optical properties of a-plane ZnO on r-plane sapphire grown by pulse laser deposition
C20110617001	C-089	Electrical and optical properties of N-doped SnO <sub>2</sub> thin films prepared by magnetron sputtering
C20110617002	C-088	All-Solid-State Electrochromic Devices Prepared by Reactive Sputtering Using Hydrogen-Containing Gas
C20110617003	E-012	Sputtered AZO Films Applied as Electrochemical pH Sensors
C20110617004	C-087	Optical Studies of Ambient Temperature Grown Nanocrystalline Mg <sub>2</sub> TiO <sub>4</sub> Thin Films Deposited by RF Magnetron Sputtering

C20110617005	C-085	Preparation and characterization of Cu(In,Ga)Se <sub>2</sub> thin film solar cell by printing technique with powders of Cu(In,Ga)Se <sub>2</sub> quaternary alloy and NaF
C20110617006	C-084	Characterization of Cu(In,Ga)Se <sub>2</sub> films prepared by sputtering using a quaternary target
C20110617007	C-083	INFLUENCE OF ITO FRONT ELECTRODE ON VISUAL APPEARANCE
C20110617008	C-082	The effect of two-step calcination on the electrical and optical properties of Aluminum doped ZnO film by sol-gel process
C20110617009	C-081	Effect of Oxygen Partial Pressure on the Electrical Properties of the La <sub>0.5</sub> Sr <sub>0.5</sub> CO <sub>3</sub> /Al-doped ZnO thin films Heterojunction
C20110617010	C-080	Heteroepitaxial growth of semipolar (11-2-2) ZnO on LaAlO <sub>3</sub> / LSAT (112) substrate by pulsed laser deposition
C20110618001	C-079	Switching mechanism transition induced by annealing treatment in Ru/ZnO/Ru/ZnO/Ru resistive memory
C20110618002	C-077	Electromagnetic Performance of Diamond-Like Carbon Films Grown on Quartz Substrates Using the Microwave Plasma Jet Chemical Vapor Deposition System
C20110619001	C-075	Nonvolatile Floating Gate Memory Characteristics of Sb <sub>2</sub> Te-SiO <sub>2</sub> Nanocomposite Thin Films
C20110619002	C-074	Preparation and characterization of anti-reflection coating for CdTe thin film solar cells
C20110619003	C-073	P-type behavior in Cu-Ga codoped ZnO epilayer grown by plasma-assisted molecular beam epitaxial
C20110619008	C-072	Rapid Thermal Annealing of Cu doped Zinc Titanates Thin Films Grown by Using RF Sputtering Deposition
C20110620001	C-070	Nitride-based Metal-Insulator-Semiconductor Ultraviolet Sensors with a Sputtered Lanthanum oxide (La <sub>2</sub> O <sub>3</sub> ) Insulator
C20110620002	C-069	GaN-based MIS Ultra-violet Photodetectors with the sputtered CsF insulating layer
C20110620003	C-068	Characterization of the optoelectrical properties of CuIn <sub>1-x</sub> Ga <sub>x</sub> Se <sub>2</sub> thin-film solar cell by co-evaporation technology
C20110620004	C-067	Indium-tin-oxide thin films deposited on polyethylene-terephthalate substrates by substrate-biased RF magnetron sputtering
C20110620006	C-065	Optical properties of CuGaSe <sub>2</sub> films grown on stainless steel by plasma-assisted molecular beam epitaxial
C20110620007	C-064	Electronic structures of nitrogen-doped anatase TiO <sub>2</sub> :
C20110620008	C-063	AlGa <sub>N</sub> /Ga <sub>N</sub> high electron mobility transistors with multi-Mg <sub>x</sub> N <sub>y</sub> /Ga <sub>N</sub> buffer
C20110620009	C-062	Properties of the highly textured (200) NiO thin film deposited by RF magnetron sputtering
C20110620012	C-060	Boron and Phosphorus Doped for Locally Patterned BSF and Emitter Fabrication in Solar Cells by Ultrasonic Spraying method
C20110620013	C-058	Fabrication of ZnO Thin-Film Transistors Using Low-Temperature Hydrothermal Method
C20110620016	C-055	Hybrid Parylene/SiN <sub>x</sub> Gas-Diffusion Barriers on Polycarbonate Substrates
C20110620017	C-054	Preparation of Oxidized Nano-Porous-Silicon Thin Films for Ultra-Violet
C20110620018	C-053	Thermal Stability of Al and Ga co-doped ZnO Thin Film Grown on Glass Substrate by DC Moving Magnetron Sputtering
C20110620019	C-051	Effect of nitrogen flow rates on nitrogen doped ZnO thin films prepared by reactive ion beam sputter deposition
C20110620020	C-049	Effects of dc bias on the microstructure and optical properties of WO <sub>3</sub> He film by reactive RF magnetron sputtering
C20110620021	C-048	A Characterization on Emission Property of In <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> Nanocomposite Thin Films
C20110620022	C-047	Sputtering Deposition of Nb <sub>2</sub> O <sub>5</sub> Thin Film on a Polymer Substrate
C20110620023	C-044	Low-cost sol-gel processing derived high conductivity p-type CuCrO <sub>2</sub> films
C20110620025	C-040	Enhanced Efficiency in High Color Rendering Index of White LED by Using Bi-layered Remote Phosphor Package Structure
C20110620026	C-039	Study of dc magnetron sputtered different morphologies molybdenum back contact about affect Characteristic of Cu(In,Ga)Se <sub>2</sub> solar cell
C20110620027	C-038	Structural and Dielectric Studies of Nanocrystalline MgTiO <sub>3</sub> Thin Films Deposited by RF Magnetron Sputtering

C20110620029	C-035	Position-controlled functionality of Al-doped zinc oxide thin films prepared by sputtering
C20110620033	C-032	Dependence on Molecular Stacking Orientation of Open-Circuit Voltage in Organic Solar Cell based on Pentacene and its Derivatives
C20110620036	C-031	Enhanced surface reflectivity of aluminum sheet using
C20110620038	C-029	Electrical and dielectric behavior of bias magnetron sputtered (Ta <sub>2</sub> O <sub>5</sub> ) <sub>0.85</sub> (TiO <sub>2</sub> ) <sub>0.15</sub> thin films
C20110620039	C-028	Structural and electrical characteristics of ZrO <sub>2</sub> thin films prepared by DC magnetron sputtering on Si for gate dielectric application
C20110620040	C-027	Sol-gel derived p-type CuCr <sub>1-x</sub> Zn <sub>x</sub> O <sub>2</sub> films
C20110620042	C-025	the third order nonlinear optical properties in carbon-doped ZnO films
C20110620044	C-024	Electrical and Optical Properties of Low Cost Al and Y Codoped ZnO Thin Films by Pulsed Laser Deposition For Si-Base Heterojunction Solar Cell Application
C20110620046	C-022	Abnormal Strain Evolution of Si <sub>1-y</sub> Cy Epitaxial Layers during Thermal Annealing
C20110620047	C-021	High Transmittance and Humidity Durability for Hydrogen-free Diamond-like Carbon Films Coating at Room Temperature
C20110620048	C-020	Characterization of Environment-Dependent Hysteresis in Indium Gallium Zinc Oxide Thin Film Transistors
C20110620049	C-019	Preparation of titania with different morphology and its application in dye-sensitized solar cells
C20110620050	C-018	Inspecting the surface of implanted Si(111) during annealing by reflective second harmonic generation: the influence of the chamber pressure
C20110620051	C-017	Investigation of gate-bias stress and hot-carrier stress induced instability of InGaZnO thin-film transistors under different environment
C20110620052	C-016	Hybrid TiO <sub>2</sub> :polymer photovoltaic cells made from colloidal TiO <sub>2</sub> nanocrystal
C20110620053	C-015	Multilayer antireflective coating from colorless polyimide-based hybrid optical film on flexible substrate
C20110620054	C-014	Structure and piezoresponse of CSD BiFeO <sub>3</sub> thin films
C20110620055	C-013	Role of K <sub>2</sub> CO <sub>3</sub> as an n-type dopant in enhancing the electron injection and transport of organic light-emitting devices
C20110620056	C-012	Simulated Electrical Characteristics of Different Theoretical Formula in Bilayer Organic Light-Emitting Diodes
C20110620057	A-013	Mixing two phases of TiO <sub>2</sub> nanoparticles on the performance of Dye-Sensitized Solar Cells
C20110620059	C-011	Organic-Inorganic Hybrid Solar Cells from Phthalocyaninato-polysiloxane Polymers and Silicon
C20110620060	C-010	InGaN-based Solar Cell Structure Regrown on a Patterned Ga <sub>2</sub> O <sub>3</sub> layer/GaN Template Structure
C20110622001	C-008	The Comparison between Ta <sub>2</sub> O <sub>5</sub> and Ti-doped Ta <sub>2</sub> O <sub>5</sub> Dielectrics
C20110622003	C-006	Influence of the sputtering condition on the properties of transparent and conductive Gallium-doped Magnesium Zinc Oxide thin-film by rf magnetron sputtering
C20110622004	C-005	Effect of Co-doping on the Properties of Zn <sub>1-x</sub> CoxO Films Deposited by Spray Pyrolysis
C20110627001	C-002	Investigation of pulsed ultraviolet laser annealing of Sb/SnO <sub>2</sub> thin films on the structural, optical and electrical properties
C20110627002	C-001	Scaling Evolution and Dielectric Properties of Sputter-Deposited Low Loss Mg <sub>2</sub> SiO <sub>4</sub> Thin Films
D20110428001	D-070	Investigation of WC dissolution and carbides precipitated in NiCrBSi-WC coating produced by laser induction hybrid cladding
D20110508001	D-068	A study of the environmentally friendly ABS surface etching system containing H <sub>2</sub> SO <sub>4</sub> -MnO <sub>2</sub> colloid
D20110509001	D-067	Synthesis and characterization of as-deposited and annealed TiB <sub>2</sub> /TiAlN multilayered coatings prepared by ion beam assisted deposition
D20110509002	E-023	The Cell Adhesion and Hemocompatibility of the Carbon Nanotubes with CN <sub>x</sub> Coating
D20110510002	D-065	Comparative studies on microstructure and mechanical properties of CrAlSiN Coatings Using HIPIMS+ and pulsed DC magnetron

		sputtering techniques
<b>D20110510003</b>	<b>D-064</b>	Effect of Y2O3 on microstructure and wear behavior of laser clad coatings reinforced by in situ synthesized TiB and TiC
<b>D20110512001</b>	<b>D-063</b>	Microstructure and properties of TiB/Al2O3 strengthen iron-based alloy coating prepared by plasma transferred arc-induced self-propagating reaction synthesis
<b>D20110512002</b>	<b>D-062</b>	Wear resistance and thermal shock resistance of the iron-based alloy coatings deposited by plasma transferred arc process
<b>D20110512003</b>	<b>D-061</b>	Oxidation Study of Ta-Zr Coatings
<b>D20110513002</b>	<b>D-060</b>	Mechanical Property Evaluations on Metallic Glass Thin Films: Sputtering Bias Effects
<b>D20110514001</b>	<b>D-059</b>	Growth behavior of the intermetallic compounds coatings on AZ91D magnesium alloy formed in molten salts at lower temperatures
<b>D20110515001</b>	<b>D-058</b>	Effects of annealing temperature and Ag/Cu ratios on the mechanical properties of TaN-(Ag,Cu) nanocomposite thin films
<b>D20110516001</b>	<b>D-057</b>	Nano-Organosilicon Film Growth by Hexamethyldisilazane/Oxygen Atmospheric Pressure Plasma Jet
<b>D20110516003</b>	<b>D-056</b>	Polyester Metallization with Electroless Silver Plating Process
<b>D20110516004</b>	<b>D-055</b>	Effect of substrate pulsed-DC power frequency on tribological properties of a-C:H:Zr-x coatings
<b>D20110517001</b>	<b>D-054</b>	Influence of the addition of Al on the structure and properties of (TiVCr)N coatings deposited by reactive magnetron sputtering
<b>D20110517003</b>	<b>D-053</b>	Adhesion and Friction Studies of Micro/nano-patterned Surfaces using AFM with Colloidal Tip
<b>D20110517004</b>	<b>D-052</b>	Feed Gas Composition Effects on Nanotribological Characterizations of Diamond-like Carbon Films
<b>D20110517005</b>	<b>D-051</b>	Thickness Effects of Titanium Oxynitride Films Deposited on Polyethylene Terephthalate Substrates by Reactive Magnetron Sputtering
<b>D20110517006</b>	<b>D-050</b>	Microstructure and corrosion behavior of plasma electrolytic oxidated magnesium alloy AZ91D pre-treated by laser surface remelting
<b>D20110518001</b>	<b>D-049</b>	Mechanical properties and impact resistance of multilayered TiAlN/ZrN coatings
<b>D20110518002</b>	<b>D-048</b>	Preparation and characterization of the Mo(C)N/Mo(C) multilayer coating
<b>D20110518003</b>	<b>D-046</b>	Free-crack NiW films electrodeposited under super gravity field:
<b>D20110518004</b>	<b>D-045</b>	Theoretical Modeling and Experimental Analysis for Tribological Microstructure and Properties of Carbon Nitride Multilayer Films Prepared by Sputtering Depositions
<b>D20110518006</b>	<b>D-044</b>	Preparation and hardness and electrical property of nitrogen and boron co-doped diamond like carbon films by magnetron sputtering deposition
<b>D20110518008</b>	<b>D-043</b>	Effect of Si and Mg on the Oxidation of Al-hot Dipped Carbon Steel
<b>D20110518009</b>	<b>D-042</b>	Characteristics of carbon films used for carbon-sealed double-coated optical fibers prepared by radio-frequency plasma enhanced chemical vapor deposition
<b>D20110519002</b>	<b>D-041</b>	Microstructural and Properties of SiNx Films deposited by reactive sputtering at room temperature
<b>D20110519004</b>	<b>D-039</b>	In Situ Synthesis of TiC Particulate Reinforced Ni-based Composite Coating by Laser Clad Ni+C Powder on Ti-4Al-6V Substrate
<b>D20110519006</b>	<b>D-038</b>	Effects of pre-sputtered Al interlayer on the atomic layer deposition of Al2O3 films on Mg-10Li-0.5Zn alloy
<b>D20110520002</b>	<b>D-037</b>	Microstructure and Corrosion Behavior of TiC/Ti(CN)/TiN/Al2O3 Multilayer Coatings on 35CrMo Steel Prepared by Chemical Vapor Deposition
<b>D20110520004</b>	<b>D-034</b>	Mechanical Properties and Oxidational Characteristics of CNx-Coated Cemented WC Substrates with an a-Si Interlayer
<b>D20110526001</b>	<b>D-033</b>	Improvement of Oxidation Resistance of AlTiON/CrON multilayered Coated Stainless Steel
<b>D20110614001</b>	<b>D-031</b>	Oxidation Study of Nanocrystalline Cr-Ta Hard Coatings

<b>D20110615001</b>	<b>D-030</b>	Effect of Inductively Coupled Plasma Assist on the Superhard Nanostructured TiN Films Produced by Reactive Sputtering
<b>D20110615002</b>	<b>D-029</b>	Growth and Characterization of Titanium Nitride Coatings Prepared by Asymmetric DC Pulsed Bipolar Magnetron Sputtering
<b>D20110616001</b>	<b>D-028</b>	Synthesis of Hydroxyl-containing Fluoroacrylate Copolymer and Preparation of Transparent Fluorine-containing Polyurethane
<b>D20110617001</b>	<b>D-027</b>	Silicon oxide thin films deposited by planar hollow cathode atmospheric-pressure plasma enhanced chemical vapor deposition for hardness application
<b>D20110618001</b>	<b>D-024</b>	Material Characteristics and Corrosion Performance of Ni-Al <sub>2</sub> O <sub>3</sub> and Ni-SiC Composite Coatings Electrodeposited from Emulsified Supercritical CO <sub>2</sub> Baths
<b>D20110619001</b>	<b>D-022</b>	Influence of substrate bias voltage on structure and properties of
<b>D20110620001</b>	<b>D-021</b>	Effect of Surfactant on the Material Characteristics of Ni-P film Electrodeposited in an Emulsified Supercritical CO <sub>2</sub> Bath
<b>D20110620002</b>	<b>D-020</b>	Investigation for the adherent Diamond like carbon film deposited on steels by high power impulse magnetron sputtering technique
<b>D20110620003</b>	<b>D-019</b>	Electrochemical deposition of barium titanate thin films on TiN/Si substrates
<b>D20110620004</b>	<b>D-018</b>	Anti-corrosion Zeolite Film by Dry Gel Method
<b>D20110620006</b>	<b>D-017</b>	Effect of Al <sub>2</sub> O <sub>3</sub> Coated Glass Preform on Glass-Mold Sticking Behaviour
<b>D20110620008</b>	<b>D-016</b>	Influences of nitrogen pressure on properties of Cr <sub>N</sub> X coatings synthesized by arc ion plating
<b>D20110620009</b>	<b>D-015</b>	Corrosion Behavior of Sputtered Ni-Ru-P Coatings
<b>D20110620010</b>	<b>D-014</b>	Effect of intermediate cooling process on the mechanical and wear properties of diamond-like carbon films synthesized by RF plasma enhanced chemical vapor deposition
<b>D20110620012</b>	<b>D-013</b>	Anti-corrosion Film Prepared from Silica and Titania Nanoparticles
<b>D20110620013</b>	<b>D-012</b>	Performance of CrN and CrAlSiN coated H13 tool steels in molten A380 aluminum alloy
<b>D20110620014</b>	<b>D-011</b>	Effects of carbon content on the microstructures and mechanical properties of cathodic arc evaporation deposited CrCN thin films
<b>D20110620015</b>	<b>D-010</b>	Investigation on the Structural and Mechanical properties of sputtered Chromium Tungsten Nitride Films
<b>D20110620017</b>	<b>D-009</b>	Reduced Roughness and Enhanced Mechanical Properties of Multilayered Diamond-Like Carbon Films by Periodical Cathodic Arc Deposition
<b>D20110620019</b>	<b>D-008</b>	Composition Gradient in Thick TiSiCN nanocomposites with Plasma Enhanced Magnetron Sputtering for Mechanical Strengthening
<b>D20110620021</b>	<b>D-007</b>	Electrochemical characterization of Zr-based thin film metallic glass in hydrochloric aqueous solution
<b>D20110621001</b>	<b>D-005</b>	Improving the Tribological Properties of Micro WC-Co Drills by Various Protective Coatings
<b>D20110622001</b>	<b>D-004</b>	Structures and properties investigation of vacuum plasma sprayed B <sub>4</sub> C coating after the simulated irradiation test
<b>D20110629001</b>	<b>D-003</b>	Wear and impact performances of CrTiAlSiN coated high speed tool steels
<b>D20110701001</b>	<b>D-002</b>	Study on properties of plasma nitro-carburizing and DLC films duplex treatment for H13 steel
<b>D20110817001</b>	<b>D-001</b>	Mechanical Properties of Gradient Si doped CrAlSiN Thin Films via Magnetron Sputtering
<b>E20110510001</b>	<b>E-022</b>	Improving bond strengths of composite resin cements to zirconia via applying a zirconia primer coating and silica coating
<b>E20110515001</b>	<b>E-021</b>	A comparative study of stability after the installation of two different surface types of implants in the maxilla of dogs
<b>E20110515002</b>	<b>E-020</b>	Histomorphometric study of bone reactions after implantation of thin particulated dentin coated implant
<b>E20110516001</b>	<b>E-019</b>	Micro-Patterned Atmospheric Pressure Plasma-Deposited Cell Non-Adhesive Coatings
<b>E20110520001</b>	<b>E-018</b>	Viability and Attachment Enhancements of Human Osteoblasts on NH <sub>3</sub> -treated PLLA Membranes for Guided Bone Regeneration

<b>E20110520002</b>	<b>E-017</b>	Characterization and antibacterial performance of ZrNO-Ag coatings
<b>E20110520003</b>	<b>E-016</b>	Characterization and Haemocompatibility of Fluorinated DLC and Si Interlayer on Ti6Al4V
<b>E20110521002</b>	<b>E-014</b>	Polyethylene glycol coating for hydrophilicity improvement of polydimethylsiloxane biofluidic chip application
<b>E20110523001</b>	<b>E-013</b>	Porous Hydroxyapatite Granules Coated with Drug-loaded Polymeric Nanoparticles for Bone Regeneration
<b>E20110620001</b>	<b>E-010</b>	Antibiofouling characteristics of CrAgN nanocomposite thin films fabricated by pulsed DC reactive magnetron sputtering method
<b>E20110620004</b>	<b>E-009</b>	Influence of Microgroove and Thermal Oxidation on Titanium Substrate on Activity of Human Primary Cells
<b>E20110620009</b>	<b>E-008</b>	Decolorization of Methylene Blue with MnO <sub>2</sub> Coated Montmorillonite Nanocomplexes via Visible Irradiation Photocatalytic Degradation
<b>E20110620010</b>	<b>E-007</b>	Formation of Silicon/Hydroxyapatite thin film on the highly ordered nanotubular Ti-alloy for bio-medical use
<b>E20110620011</b>	<b>E-006</b>	Surface characteristics of Si doped HA film on the pore formed Ti-29Nb-xZr alloy
<b>E20110620013</b>	<b>E-005</b>	Biocompatibility evaluation of silicon-doped hydroxyapatite film on the nanotubular /laser textured Ti-35Nb-xZr alloy using EIS
<b>E20110620014</b>	<b>E-004</b>	Micron/Submicron Imprinting to Prepare Hierarchical Patterns of Coatings: Applications for Cell Adhesion and Alignment
<b>E20110620015</b>	<b>E-003</b>	Copper releasing and antibacterial behaviors of the Cr <sub>2</sub> N/Cu multilayered thin films
<b>E20110622001</b>	<b>E-002</b>	Synthesis of the mesoporous TiO <sub>2</sub> film for hydroxyapatite precipitation
<b>E20110624001</b>	<b>E-001</b>	Titanium Surface Modified by Hydroxyapatite Coating for Dental Implants
<b>F20110516002</b>	<b>F-064</b>	Optical Emission Analysis of Surface Modification on Polypropylene Membrane by Radio Frequency Methane/Oxygen Mixture Plasma Deposition
<b>F20110516004</b>	<b>F-063</b>	Electrochemical response of polyaniline film to several quinines and incorporation of the quinones into the polyaniline film
<b>F20110516005</b>	<b>F-062</b>	Atmospheric Pressure Plasma Hydrophobic Modification of Cotton Fabric Using Ageing Effect
<b>F20110517001</b>	<b>F-061</b>	(Cr,Ta)N Diffusion Barrier between CN film and Cemented Tungsten Carbide
<b>F20110518001</b>	<b>D-047</b>	Modelling, Fabrication and Optimization for Hard Coatings of Deposited Ceramic Nitride Films Using a Magnetron Sputtering
<b>F20110518002</b>	<b>C-155</b>	Preparation and Optical-electrical Properties of Al-doped ZnO Films
<b>F20110518004</b>	<b>C-150</b>	Resistive switching mechanism of Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> : Metal Insulator transition
<b>F20110518006</b>	<b>B-106</b>	Low temperature reactive particle beam assisted deposition of nanocrystalline silicon films for flexible display
<b>F20110518007</b>	<b>F-060</b>	Substrate-dependant phase stability and conductivity of LaNiO <sub>3</sub> thin films
<b>F20110518008</b>	<b>F-059</b>	Influences of leakage gas on Al-Cu electro-migration effects in PVD Process
<b>F20110519004</b>	<b>D-040</b>	Characterization of Mechanical Properties and Adhesion of Ta-Zr-Cu-Al-Ag Thin Film Metallic Glasses
<b>F20110519007</b>	<b>C-138</b>	Temperature-Dependent Impact of Oxygen Adsorption on the Density-of-States of Amorphous Indium-Gallium-Zinc-Oxide Thin Film Transistors
<b>F20110519009</b>	<b>C-137</b>	Influence of the HfAlO composition on the memory effects of the MOS capacitors with Al <sub>2</sub> O <sub>3</sub> /HfAlO/Al <sub>2</sub> O <sub>3</sub> dielectrics and Pd electrode
<b>F20110519010</b>	<b>F-058</b>	Direct Observation on Periodic-Plating-Characteristic of Nickel Electroplating with Supercritical Carbon Dioxide Emulsified Electrolyte
<b>F20110519011</b>	<b>F-057</b>	Abnormal large grains epitaxially grown in electrodeposited Ni layer on Cu substrate
<b>F20110519013</b>	<b>F-056</b>	Modeling of Electron Temperature and DC Bias Voltage in an Inductively Coupled Cl <sub>2</sub> /Ar Plasma Using Neural Network
<b>F20110519014</b>	<b>B-086</b>	Effect of nitrogen flow ratio on microstructure and mechanical property of Ti-Si-N thin film using magnetron reactive co-sputtering
<b>F20110519016</b>	<b>F-055</b>	Effects of Argon Plasma Treatment on the Adhesive Property of Ultra High Molecule Weight Polyethylene (UHMWPE) Textile
<b>F20110519017</b>	<b>F-054</b>	Deposited Aluminum Doped Zinc Oxide Transparent Conductive Thin Films by UV-assisted Sol-gel Method

<b>F20110520001</b>	<b>C-124</b>	Investigating the bipolar resistive switching characteristics between filament type and interface type of BON-based resistive switching memory
<b>F20110520003</b>	<b>F-053</b>	Non-contact resistance measurement of Chromium nano-film by Terahertz time domain spectroscopy
<b>F20110520007</b>	<b>F-052</b>	Room temperature deposition of crystallized TiO <sub>2</sub> films by a reactive sputtering
<b>F20110520009</b>	<b>F-051</b>	Ultrashort Pulse Laser-Ablated Shape in Au Thin Film
<b>F20110520010</b>	<b>C-121</b>	Drain Bias Dependence on NBTI Degradation in PD SOI p-MOSFETs
<b>F20110520011</b>	<b>C-120</b>	Gate Bias Dependence on Threshold Voltage Instability in HfO <sub>2</sub> /Ti <sub>x</sub> N <sub>1-x</sub> p-MOSFETs
<b>F20110520012</b>	<b>F-050</b>	Preparation of spherical hollow alumina particles by thermal plasma
<b>F20110520013</b>	<b>C-119</b>	Gate bias and illumination stability of oxide-based thin-film-transistors using Al-doped ZnO active layer grown by atomic layer deposition
<b>F20110520014</b>	<b>F-049</b>	Mechanical testing of electrodeposited Ni film parallel and vertical to crystal growth direction using micro-sized cantilever specimens
<b>F20110520016</b>	<b>A-058</b>	New transparent oxide semiconductor/silicon double heterojunction solar cell
<b>F20110520017</b>	<b>C-115</b>	Improved Microcrystalline Silicon and Gate Insulator Interface with a Pad/Buffer Structure
<b>F20110520019</b>	<b>F-048</b>	Mechanical properties of MZO thin film by pulsed magnetron sputtering
<b>F20110520021</b>	<b>F-047</b>	The role of organic layer on the water vapor transmission rate of polymer film
<b>F20110520022</b>	<b>E-015</b>	Formation of Titanium Oxide Thin Film on Biomedical Magnesium Alloy by High Dose Titanium and Oxygen Dual Ion Implantation
<b>F20110520023</b>	<b>C-112</b>	Effect of laser annealing on the evolution of microstructure and photoluminescence of TiO <sub>x</sub> thin films
<b>F20110521001</b>	<b>F-046</b>	Intrinsic defects responsible for the anomalous Raman peaks and room-temperature ferromagnetism in nitrogen-doped ZnO thin films
<b>F20110521002</b>	<b>F-045</b>	Characteristics of microstructure and electrical property of Ta-Ti-N thin films using reactive sputtering
<b>F20110523001</b>	<b>F-044</b>	Electrochemical behavior of thermally decomposed IrO <sub>2</sub> -Ta <sub>2</sub> O <sub>5</sub> coatings on a rotating cylinder electrode made of Ti in 1M H <sub>2</sub> SO <sub>4</sub> solution
<b>F20110531001</b>	<b>F-043</b>	Magnetization variation in exchange coupled X/FePtAg (X=FePt/Fe or Fe/FePt) Trilayers
<b>F20110603001</b>	<b>D-032</b>	Rapid thermal annealing effects on the structural and nanomechanical properties of Ga-doped ZnO thin films
<b>F20110604001</b>	<b>F-042</b>	Amorphous carbon films by pulsed laser deposition in air and oxygen
<b>F20110613001</b>	<b>F-040</b>	Studies on the influence of Poly (siloxane-g-ethylene oxide) on the properties of PLiAMPS-based Single Ion Conductor
<b>F20110615002</b>	<b>F-039</b>	Influence of postdeposition annealing on the characteristic of ZnO-based FBAR
<b>F20110615003</b>	<b>F-038</b>	The Measurement of Specific Contact Resistivity Between Aluminum Contact And Al-BSF Layer Fabricated by Aluminum-Induced-Crystallization Process
<b>F20110616001</b>	<b>F-037</b>	Fabrication of transparent and superhydrophobic surfaces by Dip coating method
<b>F20110616002</b>	<b>F-036</b>	Advanced surface passivation film of silicon nitride preparation and analysis
<b>F20110617001</b>	<b>F-035</b>	Exchange bias in epitaxial NiO/Ni <sub>80</sub> Fe <sub>20</sub> bilayers
<b>F20110617003</b>	<b>B-052</b>	Synthesis and properties of single-crystalline Ge nanowires
<b>F20110617004</b>	<b>D-025</b>	Electrochemical performances of diamond-like carbon (DLC) coatings on carbon steel, stainless steel, and brass
<b>F20110617005</b>	<b>C-086</b>	Structural behaviors of bi-epitaxial NiO films grown on sapphire substrates by RF magnetron sputtering at various temperatures
<b>F20110617006</b>	<b>F-034</b>	Electrochemistry of Zn(II)/Zn on Mg alloy from dicyanamide-based ionic liquids
<b>F20110617008</b>	<b>F-033</b>	Deposition of PEDOT as cathode of air battery by oxidative chemical vapor deposition
<b>F20110618001</b>	<b>F-032</b>	Adhesion Strength Prediction of Nanoscale Al/Ti films Using Interfacial Fracture Mechanics

<b>F20110618002</b>	<b>C-078</b>	Formation of two-dimensionally location-controlled grain boundaries for thin film transistors via the pre-patterned a-Si films with excimer laser crystallization
<b>F20110618003</b>	<b>A-043</b>	The effect of excimer laser annealing on p type polycrystalline-silicon films obtained by aluminum-induced crystallization
<b>F20110618004</b>	<b>F-031</b>	Anti-Reflection Coating of SiO <sub>2</sub> prepared by Dip-coating
<b>F20110618006</b>	<b>D-023</b>	An investigation of Al <sub>2</sub> O <sub>3</sub> deposited by atomic layer deposition as corrosion protection layers for pure coppers
<b>F20110619001</b>	<b>C-076</b>	Effect of firing atmosphere and bottom electrode on resistive switching mode in TiO <sub>2</sub> thin film
<b>F20110619002</b>	<b>F-030</b>	Investigation of thermal annealing on the pattern size uniformity of AAO mask on the silicon substrate
<b>F20110619003</b>	<b>F-029</b>	Improvement of diffusion barrier properties of reactively sputtered ZrN <sub>x</sub> films by Ta incorporation for Cu metallization
<b>F20110619004</b>	<b>F-028</b>	Comparison on the magnetic properties and phase evolution of L11 structural CoPt thin films on amorphous glass and MgO(111) substrates
<b>F20110619007</b>	<b>F-027</b>	Effects of (002) β-Ta barrier on copper chemical mechanical polishing behavior
<b>F20110619009</b>	<b>F-026</b>	Stability of titanium oxynitride films in hydrogen microwave plasma
<b>F20110620005</b>	<b>F-025</b>	The limitation of X-ray and neutron reflectivity method in the characterization of the vacuum deposition thin films
<b>F20110620006</b>	<b>C-061</b>	Changes in carrier injection properties of OLED by the sputter-deposition of Al electrode
<b>F20110620007</b>	<b>F-024</b>	Preparation and characterization of polyaniline nanofibers via interfacial polymerization
<b>F20110620008</b>	<b>F-023</b>	Microstructure and magnetic properties of the FePt film on a membrane of anodized aluminium oxide
<b>F20110620010</b>	<b>F-022</b>	Effect of High Temperature Vacuum Carburizing on the Structure and Wear Resistance of Low Carbon Steels
<b>F20110620011</b>	<b>A-034</b>	Efficiency Improvement of 18.9% Using a Voltage Biasing Transparent Electrode for MIS Transistor-Based Silicon Solar Cells
<b>F20110620012</b>	<b>C-059</b>	Characterization of SiC alloy materials for future strained Si MOSFETs
<b>F20110620013</b>	<b>A-032</b>	Simulation of ITO semiconductor parameters on ITO/p junction in a-Si:H solar cells
<b>F20110620014</b>	<b>C-057</b>	Effect of heat treatment on the electrochromic properties of electron beam-evaporated WO <sub>3</sub> thin films
<b>F20110620015</b>	<b>C-056</b>	Electrochromic properties of rf-magnetron sputtered amorphous NiO thin films
<b>F20110620016</b>	<b>F-021</b>	Molecular Dynamics Simulations to Study Initial Stage of Sintering of Nano-ceramic Particles
<b>F20110620018</b>	<b>F-020</b>	Fabrication and Properties of PLGA Particles Membrane for Biomedical Materials
<b>F20110620020</b>	<b>F-019</b>	Structural and mechanical properties for pre-strained transparent conducting oxide films on flexible substrate
<b>F20110620021</b>	<b>C-052</b>	Fabrication and analysis of silicon nitride dielectric passivation based a-Si thin film transistor using excimer laser direct patterning
<b>F20110620022</b>	<b>F-018</b>	Far Infrared Emission of the Arc Ion Plated Titanium Dioxide
<b>F20110620025</b>	<b>C-046</b>	Effect of Electrical and Mechanical Stresses of Flexible a-Si:H TFTs Fabricated on Polyimide Substrate
<b>F20110620026</b>	<b>F-017</b>	Far Infrared Emission of the Flexible Fabric Heater Prepared by Arc Ion Plated Diamond-like Carbon Film
<b>F20110620027</b>	<b>F-016</b>	Electrochemical deposition of p-Type Cuprous Thiocyanate Thin Films
<b>F20110620028</b>	<b>C-045</b>	Large-area Flexible Monolithic ITO/WO <sub>3</sub> /Nb <sub>2</sub> O <sub>5</sub> /NiVO <sub>x</sub> /ITO Electrochromic Device
<b>F20110620031</b>	<b>C-043</b>	Electrodeposition of p-Cu <sub>2</sub> O thin films on copper substrate
<b>F20110620032</b>	<b>F-015</b>	Influence of excess alkaline ion on ferroelectric and piezoelectric properties of lead-free NKN thin films deposited by RF magnetron sputtering
<b>F20110620033</b>	<b>C-042</b>	Synthesis of In <sub>2</sub> O <sub>3</sub> -Ga <sub>2</sub> O <sub>3</sub> /sapphire(0001) thin films grown by RF magnetron sputtering with a powder target
<b>F20110620034</b>	<b>C-041</b>	Characterization of ZnO:Ag thin films grown on sapphire(0001) substrates by radio frequency magnetron sputtering



<b>F20110620035</b>	<b>F-014</b>	Ferroelectric and piezoelectric properties of lead-free NKN thin films fabricated by RF magnetron sputtering using high density ceramic target
<b>F20110620036</b>	<b>B-025</b>	Photoinduced nano-crystals formation of Ag thin film
<b>F20110620037</b>	<b>C-037</b>	Carbon doped In <sub>2</sub> O <sub>3</sub> thin films grown by sputtering with a In <sub>2</sub> O <sub>3</sub> :CNT powder
<b>F20110620038</b>	<b>C-036</b>	Constant Drain Bias Induced Leakage Current Increment of Amorphous In-Ga-Zn-O Thin-Film Transistors
<b>F20110620039</b>	<b>A-025</b>	Controllable Hole Concentration in p-type Silicon Film Produced by Aluminum-Induced-Crystallization Process
<b>F20110620040</b>	<b>A-024</b>	Optimization of bulk heterojunction for highly efficient spray coated polymer solar cells.
<b>F20110620042</b>	<b>F-013</b>	Epitaxial growth of La(1 - x)SrxTiO <sub>3</sub> thin films by off-axis cosputtering LaTiO <sub>3</sub> and SrTiO <sub>3</sub>
<b>F20110620043</b>	<b>B-023</b>	Synthesis of Germanium nanowires and electrical property of I/V mesurment
<b>F20110620044</b>	<b>F-012</b>	The Film Deposition via Atmospheric Pressure Plasma from He and Ethanol mixing Gas
<b>F20110620045</b>	<b>F-011</b>	The effect of gas flow direction on surface properties by plasma treating with methane and oxygen
<b>F20110620047</b>	<b>A-023</b>	The Study of Resonance Zone on the Properties of Amorphous Silicon Thin Film in Electron Cyclotron Resonance Chemical Vapor Deposition
<b>F20110620048</b>	<b>C-026</b>	The growth behavior and thermal stability of VO <sub>x</sub> self-formed from Cu-V alloy
<b>F20110620053</b>	<b>C-023</b>	Thermal Stability of Ni Monosilicides from Ni-Ta Alloy Films on Silicon-on-Insulator Substrates
<b>F20110620056</b>	<b>F-010</b>	Taper angle control by laser projection ablation for fabrication of thin film transistor
<b>F20110620057</b>	<b>F-009</b>	The Influence of Abrasive Particle Size in Copper Chemical Mechanical Planarization
<b>F20110620059</b>	<b>B-011</b>	Synthesis of K <sub>2</sub> W <sub>6</sub> O <sub>19</sub> nanorods by heat treatment of Tungsten plates
<b>F20110620060</b>	<b>F-007</b>	Fabrication and magnetic properties of L11 CoPt(111) films
<b>F20110620061</b>	<b>A-014</b>	Effect of VHF power on Flexible Amorphous Silicon Solar Cells on Aluminum Foil Substrate
<b>F20110620062</b>	<b>F-006</b>	Effects of an Interposing Ni Layer on the Formation of Cobalt Silicides
<b>F20110620065</b>	<b>D-006</b>	Microstructures and Properties of CrSiBN Films Synthesized by Reactive Magnetron Co-sputtering
<b>F20110620068</b>	<b>C-009</b>	Effect of Fe Doping on the Microstructure and Electrical Properties of Transparent ZnO Nanocrystalline Films
<b>F20110621001</b>	<b>A-012</b>	Characterization and Device Modeling of CuIn <sub>1-x</sub> GaxSe <sub>2</sub> solar cells
<b>F20110621002</b>	<b>F-005</b>	Magnetization reversal of Co/Pd multilayers on nanoporous templates
<b>F20110622001</b>	<b>C-007</b>	The Investigation of the TiO <sub>2</sub> Dielectrics on
<b>F20110623001</b>	<b>C-004</b>	Effect of current density distribution on luminescence properties of porous anodic alumina with metal interlayer on Si substrate
<b>F20110624001</b>	<b>F-004</b>	Thin Film Treatment for Enhanced Detection of Nanoscale Surface Potential
<b>F20110624003</b>	<b>C-003</b>	Effects of deposition parameters on carrier concentration in sputtered Al-doped ZnO films
<b>F20110624004</b>	<b>F-003</b>	Study of the Surface State Characteristics of the GaN HEMTs
<b>F20110624005</b>	<b>F-002</b>	Deformation of amorphous Ge-Se films under uniaxial pressure applied at elevated temperatures
<b>F20110627001</b>	<b>A-006</b>	Structural, Optical and Electrical Properties of Cu <sub>2</sub> ZnSnSe <sub>4</sub> Thin Films Prepared by Different Selenization Processes
<b>F20110630001</b>	<b>F-001</b>	An Extremely Sensitive Glucose Sensor Based on a 4-Mercaptophenylboronic Acid Self-Assembled Monolayer Modified Gold Film