

CHEMISTRY

File No.	Title
R-7802	Modified Chitosan for Obliterating Cerebral Aneuysm
R-7801	Modified Chitosan for Cosmetic Uses
R-7798	Topically-Applied Non-Antibacterial Lipophilic Chemically-Modified Tetracyclines: Use in Periodontal Diseases and Wound Healing
R-7794	General, Room-Temperature Method for the Synthesis of Isolated as Well as Arrays of Single-Crystalline ABO_4 -Type Nanorods
R-7776	New Building Blocks for the Synthesis of Discodermolide
R-7754	Modulator of Lypolysis and Ester Hydrolysis
R-7748	Compatibilizing Polymer Blends by Using Organoclay
R-7739	Metallized Clays as Fire-Retardants (FR) Additives
R-7725	Immobilization of Fluorophores: HPTS pH Planar Optode
R-7723	Selective Metallic Tube Reactivity in the Solution-Phase Osmylation of Single-Walled Carbon Nanotubes
R-7706	Self-Assembled Monolayers of Carbon Nanotubes
R-7700	In Situ Quantum Dot Growth on Carbon Nanotubes
R-7696	High Strength Nanocomposite Fibers and Films Containing Poly (p-phenylene benzobisoxazole), poly (p-phenylene terephthalamide) or poly {2,6-diimidazo{4,5-b:4'5'-e} pyridinylene-1,4(2,5-dihydroxy) phenylene} with Surface-Modified Carbon Nanofibers
R-7695	Nanocomposite Fibers and Films Containing Polyolefin and Surface-Modified Carbon Nanofibers
R-7694	Linkers for Drug Conjugates
R-7693	Taxoid-fatty Acid Conjugates
R-7691	Imaging Tandem Mass Spectrometer
R-7680	A Method for Surface Functionalization of Inorganic Fillers and its Applications in Organo-Mineral Polymer Composites
R-7653	Hydrothermal Synthesis of Perovskite Nanotubes

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File No.	Title
R-7641	Optically Active Phosphites and Their use in Catalysis (non-exclusively only)
R-7627	Rational Sidewall Functionalization, Functional Group Distribution And Purification of Nanotubes by Ozonolysis
R-7626	Synthesis and Development of Nanotube-Nanocrystal Heterostructures
R-7625	Novel Functionalization and Solubilization Methodologies of Carbon Nanotubes
R-7624	Chitosan Microspheres and Nanospheres for DNA Delivery
R-7569	Controlled Post-treatments of Electrospun Membranes to Generate New Morphology and Improve Properties
R-7529	New Separation Medium for Capillary Electrophoresis
R-7528	Poly (vinyl alcohol) Coated Capillaries
R-7516	Oxidation Suppression of Metalsulfides Using Bilayer-forming Molecules
R-7506	Layered Silicates as Viscosity Thickening Agents for Silicon Fluids
R-7462	Blends of Polyhedral Oligosilsesquioxanes and Polyhedral Oligomeric Silicates with Ethylene-Based Copolymers and Fluorinated Ethylene-Based Copolymers as Means to Control Elastomeric and Other Properties
R-7448	Synthesis of Hollow, Porous Nanoparticles by Using Block Copolymers
R-7427	Layered Silicates as Enhancing Agents for Molecular Orientation of Polymers in Fiber/Film Processing
R-7416	Control and Manipulation of Electro-Spinning Process
R-7381	A New Class of Polymer Solution for Separation of Charged Macromolecules By Means of Electrophoresis
R-7350	Difunctional Organosilane Reagents
R-7313	SYNCHEM Synthesis Discovery System: A Tool for Discovering Synthesis Routes for Organic Molecules VISIT THE SYNCHEM WEBSITE: at www.cs.sunysb.edu/~synchem/
R-7270	An Aluminogermanate Zeolite with RHO Framework Topology
R-7269	Preparation of a Range of Aluminogermanate Zeolites

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File No.	Title
R-7259	Carbonylation Process in Supercritical Carbon Dioxide
R-7254	Surface Measurement Using Shadow Moire Technique with Talbot Effect
R-7215	Polymeric Microspheres Containing a Super-magnetic Core
R-7213	Effective Surface Treatment for a New Separation Medium in Electrophoresis
R-7142	A New Separation Medium for Capillary Electrophoresis
R-7077	Absolute Zero-Shear Viscosity in a Centrifuge Viscometer
R-7044	New Steroidal Polyamines for Nucleic Acid Binding and Cellular Uptake
R-7043	Accelerated Ball Viscometer