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Solvent-Assisted Soft Imprint Nano Lithography
Soft NIL of Metal Oxide Nanoparticle Dispersions: 2D and 3D Nanostructures
Soft NIL of Antimicrobial Surfaces
Printed 3-D Lithium Ion Battery
Gold Coating through Supercritical Fluid Deposition for Thermal Emitter Applications

Nanoparticle Assembly in Block Copolymer Templates
Large-Volume Self-Organization of Polymer/Nanoparticle Hybrids with Millimeter-Scale Grain Sizes Using Brush Block Copolymers
Additive Driven Assembly of Block Copolymers: Phase Transitions and Rheology
Integration of Large Nanoparticles into Block Copolymers

Flexible Electronics for Transistor and Sensor Applications
Nanoimprinting and Ink Jet Printing on Flexible Substrates
Fabrication of 3D Microfluidic Devices

Periodic Structures for Photonic Materials
Mesoporous Photonic Bragg Mirrors
Devices for Electrochemical Sensor Applications

Fabrication of 3D Microfluidic Devices
Inkjet printed electrodes
NIL sealing
3D microfluidic device

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