Spatial-phase-locked E-beam Lithography

Absorbance-Modulation Optical Lithography

Three-dimensional Photonic Crystals by Membrane Assembly

Quantum Dot Photodetectors Deposited via Microcontact Printing

Pattern Generation Using Multi-Step Room-Temperature Nanoimprint Lithography

Increasing Detection Efficiency of Superconducting Nanowire Single-photon Detectors

Using Optical Mixtures of Materials to Control Index, Speed of Light, and Transparency

Modelling the Optical Properties of Superconducting Nanowire Single-photon Detectors

for additional reading...

CMOS Circuit Techniques for Data-rate Enhancement in VCSEL-based Chip-to-chip Optical Links

An Ultra Low-power ADC for Wireless Micro Sensor Applications

Optical-feedback OLED Display Using Integrated Organic Technology

Variation Analysis in Optical Interconnect

Application of CMP Models to Issues in Shallow Trench Isolation

Fabrication of Silicon on Lattice-engineered Substrate (SOLES) as a Platform for Monolithic Integration of Si- and GaAs-based Devices

The Initial Stages of Ge-on-Si and Ge-on-SiGe Epitaxial Growth

Magnetic Rings for Memory and Logic Devices

Modelling the Optical Properties of Superconducting Nanowire Single-photon Detectors

Using Optical Mixtures of Materials to Control Index, Speed of Light, and Transparency

Increasing Detection Efficiency of Superconducting Nanowire Single-photon Detectors

Enhancing Etch Resistance of Nanostructured Spin-on-Glass Electron Resist via Post-Develop Electron Curing

Robust Shadow-Mask Evaporation via Lithography-Controlled Undercut

Pattern Generation Using Multi-Step Room-Temperature Nanoimprint Lithography

Modeling of Electrical and Thermal Response of Superconducting Nanowire Single Photon Detectors (SNSPD)

Quantum Dot Photodetectors Deposited via Microcontact Printing

Microcontact Printing of J-Aggregate Thin Films for Photonic Devices

Fabrication of Nanostructured Optical Fiber-to-Chip Couplers

Polarization-insensitive Optical Add-drop Multiplexers in Silicon Nitride

Nanofabrication of Reconfigurable Optical Add-drop Multiplexers in Silicon

Nanofabrication of Optical Microring Filter Banks for Ultra-fast Analog-to-Digital Converters

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Zone-Plate-Array Lithography (ZPAL)

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