

Epitaxial phases of high Bi content GaSbBi alloys

Analysis of GaAsBi growth regimes in high resolution with respect to As/Ga ratio using stationary MBE growth

Reversible photodoping of TiO₂ nanoparticles

Selenate removal in biofilm systems

Effect of nitrate and sulfate on selenium removal efficiency, biofilm structure and microbial community

Effect of surfactant type and sonication energy on the electrical conductivity properties of nanocellulose-CNT nanocomposite films

Photo-antimicrobial efficacy of zinc complexes of porphyrin and phthalocyanine activated by inexpensive consumer LED lamp

Thermal Isomerization of Hydroxyazobenzenes as a Platform for Vapor Sensing

Gloriosa superba Mediated Synthesis of Platinum and Palladium Nanoparticles for Induction of Apoptosis in Breast Cancer

Stable carbon isotopic composition of peat columns, subsoil and vegetation on natural and forestry-drained boreal peatlands

Benchmarking DFT methods with small basis sets for the calculation of halogen-bond strengths

Structurally Controlled Dynamics in Azobenzene-Based Supramolecular Self-Assemblies in Solid State

Synthesis, crystal structure, physico-chemical characterization and dielectric properties of a new hybrid material, 1-Ethylpiperazine-1,4-dium tetrachlorocadmate

Photomechanical Energy Transfer to Photopassive Polymers through Hydrogen and Halogen Bonds

In Situ Photocontrol of Block Copolymer Morphology during Dip-Coating of Thin Films

Unintentional boron contamination of MBE-grown GaInP/AlGaInP quantum wells

Synthesis, characterization and solid-state photoluminescence studies of six alkoxy phenylene ethynylene dinuclear palladium(ii) rods

Polymer looping is controlled by macromolecular crowding, spatial confinement, and chain stiffness

A supramolecular approach to photoresponsive thermo/solvoplastic block copolymer elastomers

Zinc coordination spheres in protein structures

Location of the Azobenzene moieties within the cross-linked liquid-crystalline polymers can dictate the direction of photoinduced bending

Electronic and structural properties of Si₁₀ cluster