

Controlled Orientations of Neighboring Tetracene Units by Mixed Self-Assembled Monolayers on Gold Nanoclusters for High-Yield and Long-Lived Triplet Excited States through Singlet Fission

Molecular-Scale Ligand Effects in Small Gold-Thiolate Nanoclusters

Fluid flow simulations meet high-speed video
Computer vision comparison of droplet dynamics

Characteristics of nFOG, an aerosol-based wet thin film coating technique

Calcium Directly Regulates Phosphatidylinositol 4,5-Bisphosphate Headgroup Conformation and Recognition

Wetting hysteresis induced by temperature changes
Supercooled water on hydrophobic surfaces

Comparison of different cationized proteins as biomaterials for nanoparticle-based ocular gene delivery

Submolecular Plasticization Induced by Photons in Azobenzene Materials

Oxidation half-reaction of aqueous nucleosides and nucleotides via photoelectron spectroscopy augmented by ab initio calculations

Rapid, Brushless Self-assembly of a PS-b-PDMS Block Copolymer for Nanolithography

Molecular engineering of avidin and hydrophobin for functional self-assembling interfaces

Light-fuelled transport of large dendrimers and proteins

Mechanisms of acceleration and retardation of water dynamics by ions

The sensitivity of random polymer brush-lamellar polystyrene-b-polymethylmethacrylate block copolymer systems to process conditions

Molecular mechanisms of ion-specific effects on proteins

Versatile bio-ink for covalent immobilization of chimeric avidin on sol-gel substrates

Sorption and retention of ethylene glycol monoethyl ether (EGME) on silicas