Nanostructured Semiconductor Films

Nanostructured TiO$_2$ Films

We employ colloidal route to prepare nanostructured TiO$_2$ films. The method is useful for casting mesoscopic TiO$_2$ films on conducting glass electrodes and can be employed in constructing photochemical solar cells.

(Acknowledgment: Thanks to NREL scientists for providing us this recipe)

Nanostructured SnO$_2$ Films

See our original reference


Nanostructured ZnO Films

See our original reference


Modification of oxide films with CdS

See our original reference
