Nano-structuring of Metal Oxides in Aqueous Solutions
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Nano-structuring of metal oxides has been attracted much attention. Morphology control of SnO2, ZnO or TiO2 nanomaterials was realized in aqueous solutions in this study. They were applied to a photoelectronic conversion type molecular sensor. A micro-pattern of SnO2 nanosheets was, for instance, fabricated on a PET/ITO film in an aqueous solution.