

# ADVANCED FUNCTIONAL MATERIALS

## NANOTUBES

A systematic study of the dopant incorporation mechanism and its distribution in the in situ doped  $\text{TiO}_2$  nanotube arrays is demonstrated by H. A. Hamedani and co-workers on page 6783. The observed variations in the structural and electronic characteristics of the doped  $\text{TiO}_2$  nanotubes in correlation with their enhanced visible light activity give an insight into the design of high efficiency photoelectrochemical material systems.

