

# ADVANCED FUNCTIONAL MATERIALS

## NANOSENSORS

On page 4039, a high performance SiNWs array/TiO<sub>2</sub>/rGO Schottky sensor is fabricated for the sensitive and selective detection of trace nitro-explosives vapors by Z. Yang, X. C. Dou, and co-workers, who adopt the interface modulation strategy to boost the sensing performance. The Schottky barrier height modulation with the insertion of TiO<sub>2</sub>, SiNWs array structure enhanced diffusion and TiO<sub>2</sub> nanoparticles enhanced adsorption coordinately account for the good sensing performance.