

# ADVANCED FUNCTIONAL MATERIALS

## HOLLOW SPHERES

S. Peng, S. Ramakrishna, Q. Yan, and co-workers demonstrate a solution-based route for the synthesis of  $\text{CoS}_2$  and  $\text{NiS}_2$  hollow spheres with various interiors. The obtained  $\text{CoS}_2$  hollow spheres display superior performances in supercapacitors and dye-sensitized solar cells. This work provides a promising approach for the design and synthesis of structurally tunable materials with greatly enhanced supercapacitor behavior, which could be applied in energy conversion and storage devices.

