

Supplementary Information

The role of soft colloidal templates in shape evolution of flower-like MgAl-LDH hierarchical microstructures

Jie Zhang ^a, Xiangli Xie ^b, Cunjun Li ^a, Hai Wang ^c, Linjiang Wang ^{c*}

^aCollege of Materials Science and Engineering, Guilin University of Technology, Guilin 541004, PR

China

^bCollege of Chemistry and Bioengineering, Guilin University of Technology, Guilin 541004, PR

China

^cKey Laboratory of New Processing Technology for Nonferrous Metals and Materials, Ministry of Education, Guilin University

of Technology, Guilin 541004, PR China

Corresponding author E-mail address: wlinjiang@163.com (L.J. Wang).

Tel.: +86 13507736656; fax: +86 7735896035.

Figure captions

Fig. S1. XRD patterns of MgAl-SDS-LDH synthesized at 160 °C for 6 h with different concentration of SDS: (a) 0.005 mol L⁻¹, (b) 0.02 mol L⁻¹, (c) 0.04 mol L⁻¹, and (d) 0.06 mol L⁻¹.

Fig. S2 XRD patterns of MgAl-SDS-LDH samples synthesized at 160 °C for different hydrothermal reaction time: (a) 1 h, (b) 3 h, (c) 6 h, and (d) 10 h.

Fig. S3 XRD patterns of MgAl-SDS-LDH samples synthesized at different hydrothermal temperature for 6 h: (a and b) 100 °C, (c and d) 120 °C, (e and f) 140 °C, and (g and h) 160 °C.

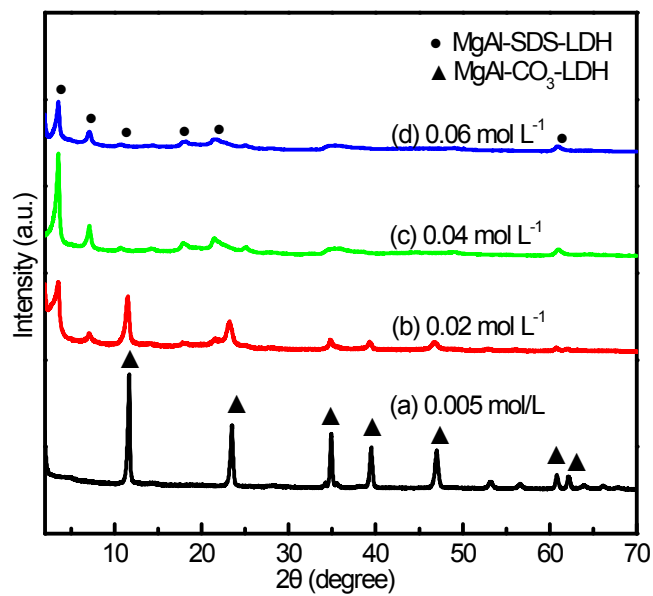


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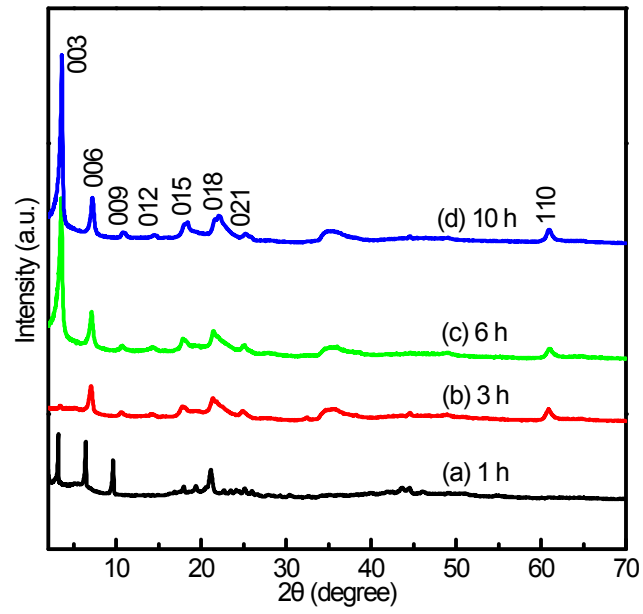


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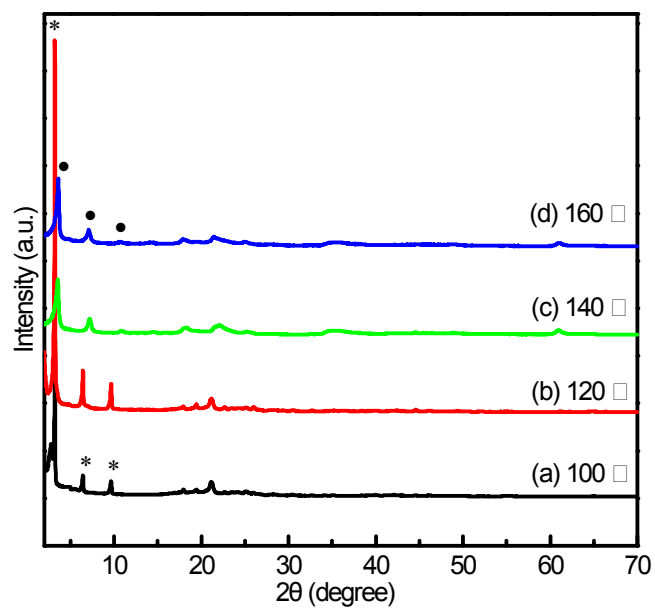


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