Caption of Supporting Figures

Figure. S1. The XRD patterns of Ni/Cr(2/1)-CO_3 LDH.

Figure. S2. SEM image of (a) Ni/Cr(2/1)-1.0LA LDH and (b) Ni/Cr(2/1)-CO_3 LDH.

Table S1. Number of layers of different kinds of Ni/Cr-1.0LA LDH (Ni/Cr=1,2 and 3).

Figure. S3. Pseudo first–order kinetics parameters for MO photogradation by Ni/Cr(2/1)-0.5LA LDH.

Figure. S1

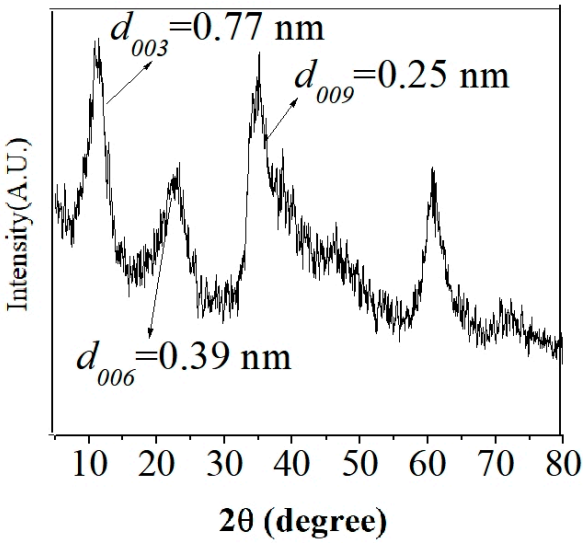

d_{003}=0.77 nm
d_{009}=0.25 nm
d_{006}=0.39 nm
Intensity(A.U.)
10 20 30 40 50 60 70 80
2θ (degree)

Figure. S2.

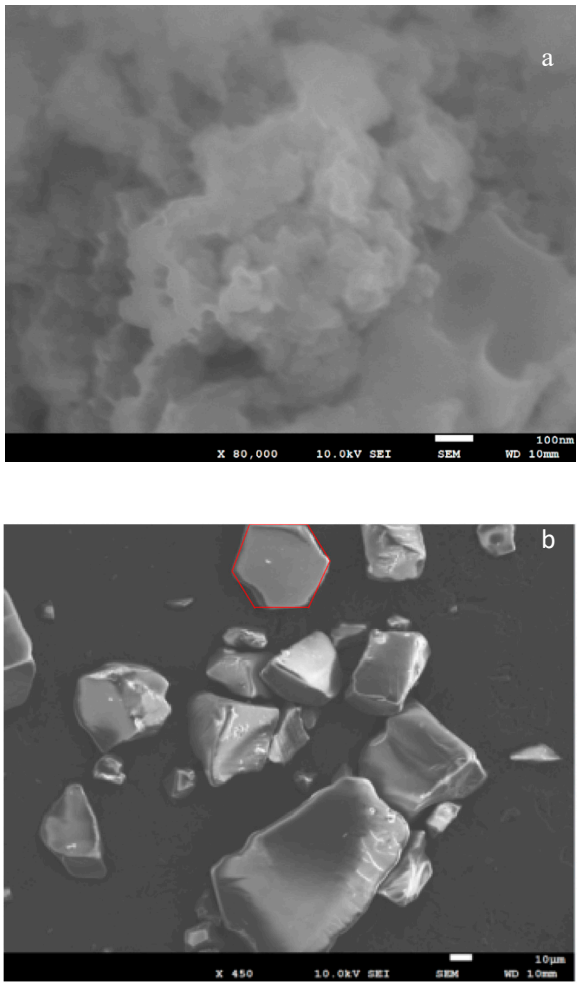

a
X 80,000 10.0kV SEI SEM 100nm WD 10mm
b
X 450 10.0kV SEI SEM 10µm WD 10mm

Table S1

Samples	d_{003}(nm)	D(nm)	n=D/d
Ni/Cr(1:1)-1.0LA LDH	2.9	9.58	3.3
Ni/Cr(2:1)-1.0LA LDH	2.8	9.45	3.4
Ni/Cr(3:1)-1.0LA LDH	3.1	7.33	2.4

Figure. S3.

