

Supplementary Material (ESI) for Journal of Material Chemistry

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**High pseudocapacitance materials prepared via in-situ
growth of Ni(OH)₂ nanoflakes on reduced graphene oxide**

Jie Chang, Huan Xu, Jing Sun, Lian Gao*

*The State Key Lab of High Performance Ceramics and Superfine Microstructure,
Shanghai Institute of Ceramics, Chinese Academy of Sciences, 1295 Ding Xi Road,*

Shanghai 200050, China

E-mail address: jingsun@mail.sic.ac.cn (J. Sun)

Tel: +86-12-52414301. Fax: +86-21-52413122

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Electronic Supplementary Information (ESI)

Supplementary Graphics

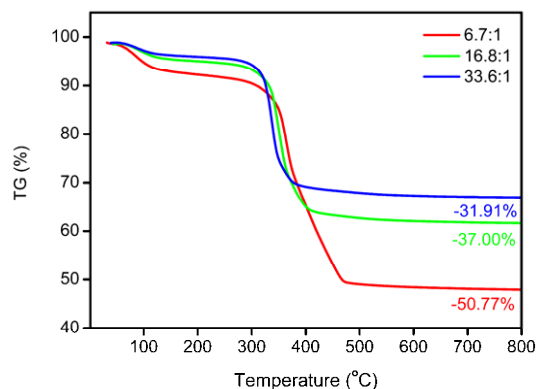


Figure S1 TG curves of RGO/Ni(OH)₂ with the various mass ratio of Ni(Ac)₂·4H₂O to GO (6.7:1, 16.8:1, 32.6:1)

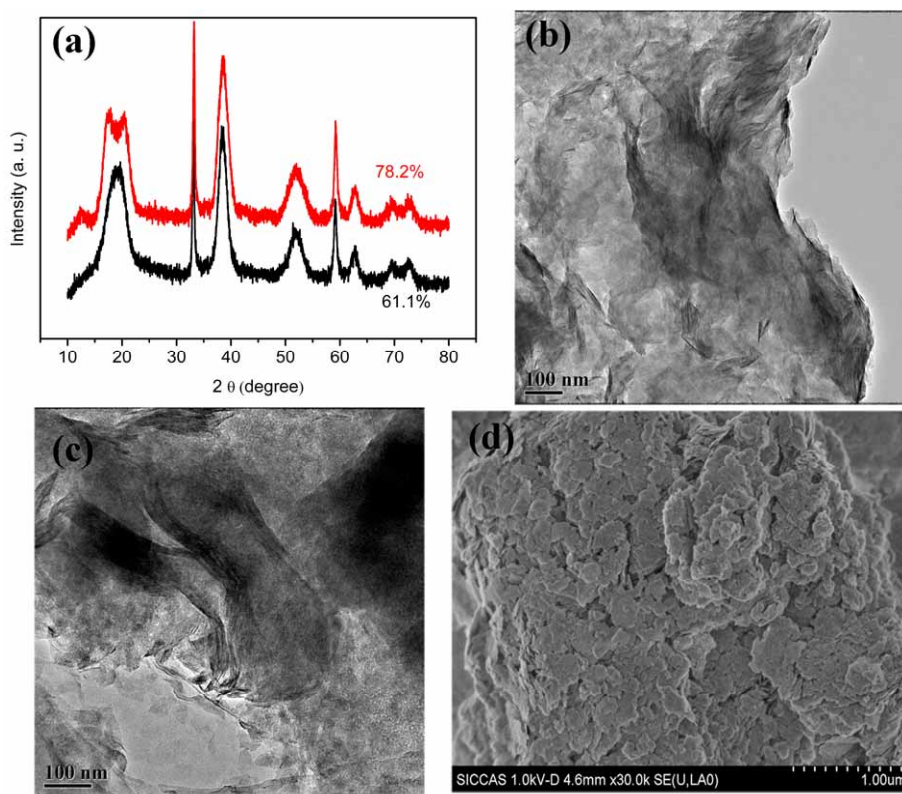


Figure S2 (a) XRD patterns of RGO/Ni(OH)₂ composites with the mass ratio of Ni(OH)₂ 61.1% and 78.2%, TEM image of RGO/Ni(OH)₂ with 61.1wt% (b) and 78.2wt% (c) Ni(OH)₂ and typical SEM image of pure Ni(OH)₂ (d)