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Supporting Information

Two-Step Route to Size and Shape Controlled Gibbsite Nanoplates and the Crystal Growth Mechanism

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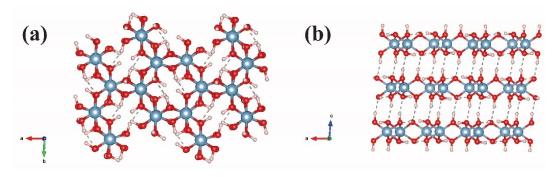


Figure S1. The crystal structure of gibbsite (a) along [001] direction and (b) along [100] direction.

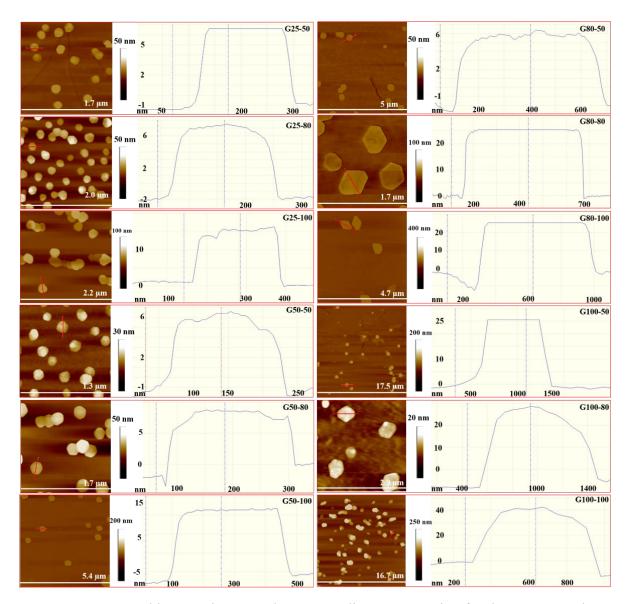


Figure S2. Topographic AFM image and corresponding cross-section for the as-prepared gibbsite nanoplates.

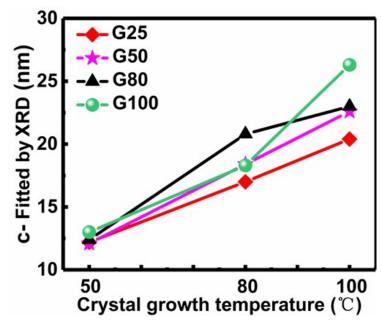


Figure S3. Thickness of as-prepared gibbsite samples determined by XRD fitting.