

## Large-scale synthesis of uniformly dispersed hexagram like gibbsite by a controlled replacement reaction

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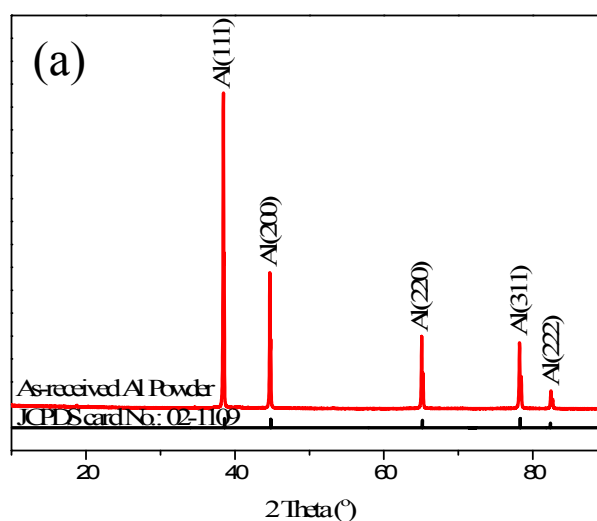
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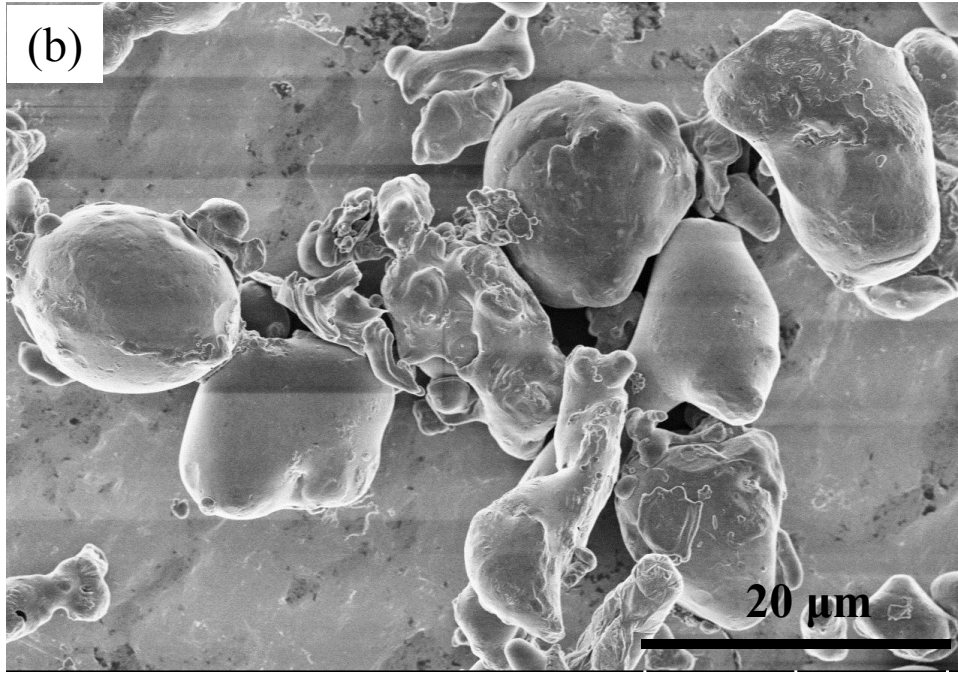
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**Fig. S1.** (a) XRD pattern and (b) SEM image of as-received Al powder.