

Supplementary Information for

Rapid and Facile One-Step Synthesis of LiTaO₃ Nanorods

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Histogram

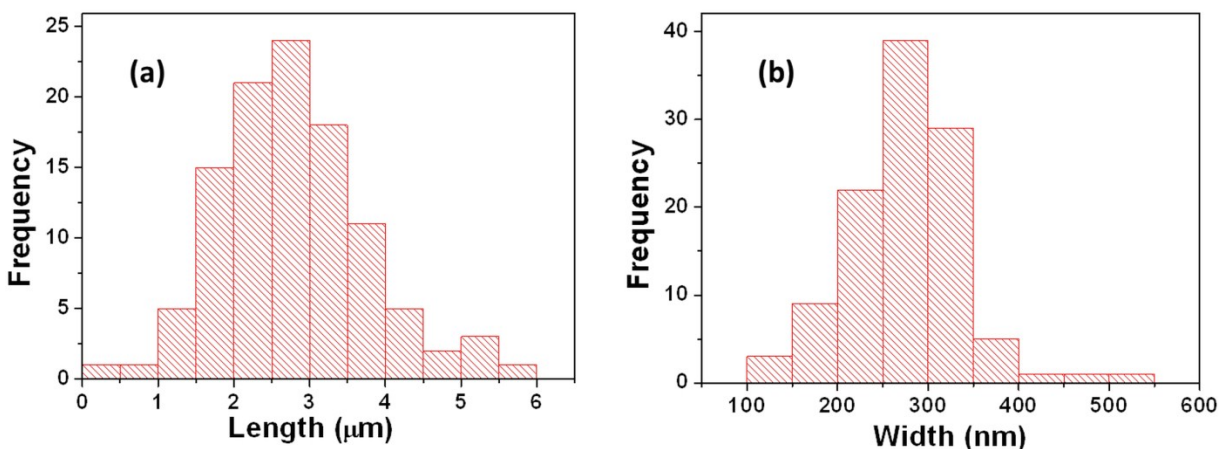


Fig. S1. A histogram showing the distribution in LiTaO₃ nanorod length and width.

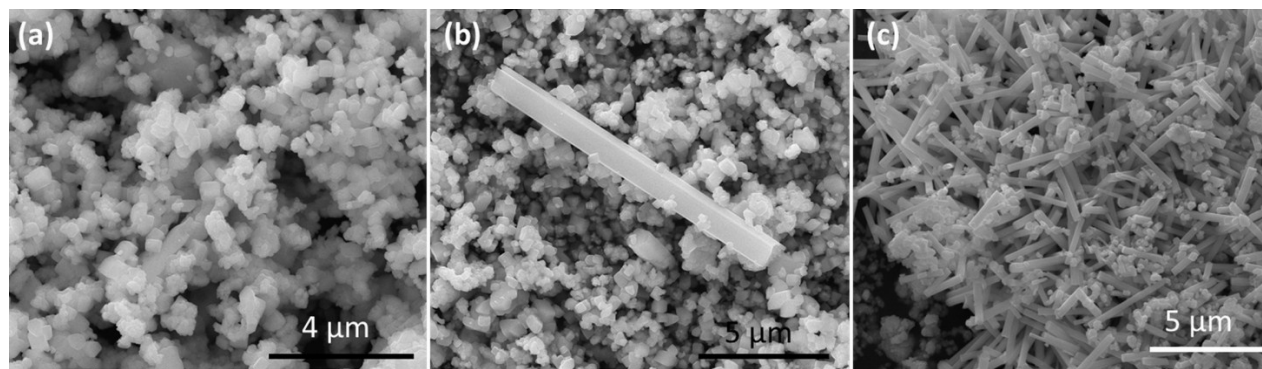


Fig. S2. Variation of crystalline morphology with (a) 3°C/min, (b) 40°C/min heating and cooling rate and (c) pre-heated furnace at 850°C and quenched to room temperature

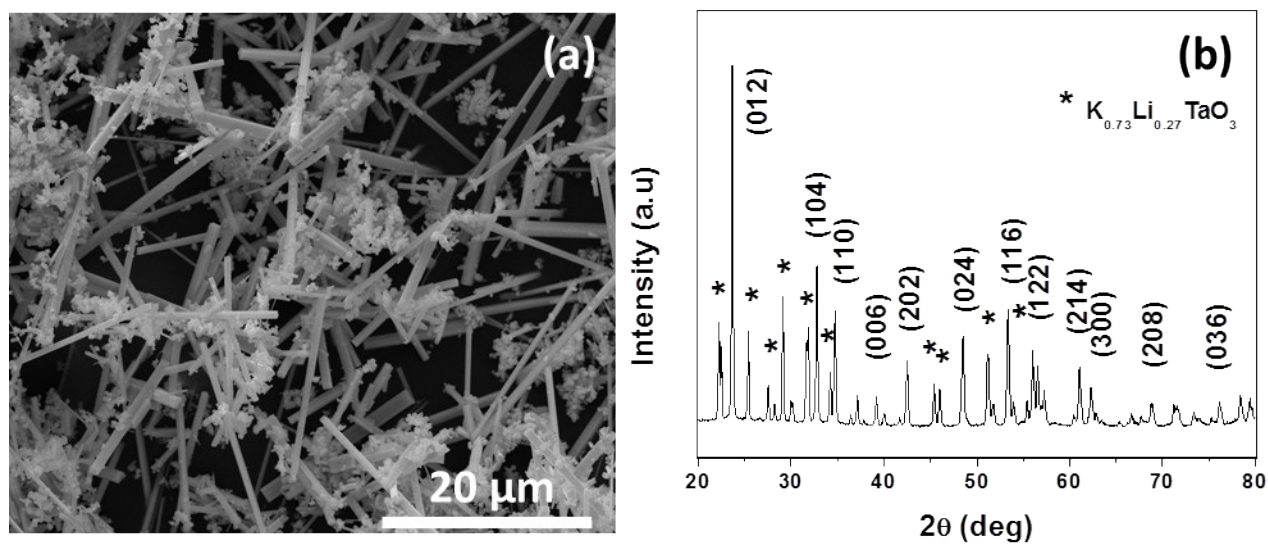


Fig. S3. (a) SEM image and (b) the corresponding XRD pattern of micro-rods formed after calcining under a higher molar ratio of KCl (1:1:35)