NANO MICRO
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Nanosheets

Layered Cu_2MoS_4 nanosheets are prepared by L. Song, Z. Y. Wu, and co-workers via a solvothermal method, in which Cu_2O is used as a sacrificial template. On page 4637, the microstructure of Cu_2MoS_4 nanosheets is identified at the atomic level. The growth mechanism is monitored on the nanoscale by systematic time-dependent experiments. It is found that the Kirkendall effect, Ostwald ripening, and oriented attachment play important roles in the growth process of ternary Cu_2MoS_4 atomic layers.

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Solvothermal Synthesis of Ternary Cu_2MoS_4 Nanosheets: Structural Characterization at the Atomic Level
L. Song, Z. Y. Wu, and co-workers