Nanosheets

Layered Cu$_2$MoS$_4$ nanosheets are prepared by L. Song, Z. Y. Wu, and co-workers via a solvothermal method, in which Cu$_2$O is used as a sacrificial template. On page 4637, the microstructure of Cu$_2$MoS$_4$ 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$_2$MoS$_4$ atomic layers.