

ADVANCED FUNCTIONAL MATERIALS

NANOSCROLLS

In article number 2303526, Sefaattin Tongay and co-workers report the first packed vdW nanoscrolls made from Janus transition metal dichalcogenides through a simple one-drop solution technique. The Bohr radius difference between the top sulfur and the bottom selenium atoms within Janus M_{Se}^S results in a permanent compressive surface strain that acts as a nanoscroll formation catalyst after small liquid interaction.