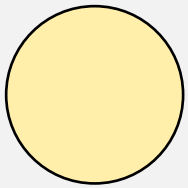


Morphology engineering of Nickel-rich cathode for high-energy lithium-ion batteries

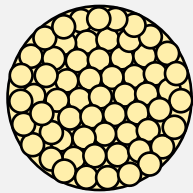
Hyungyeon Cha

Morphology engineering

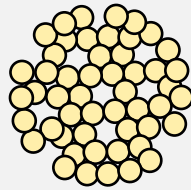
Nanostructure engineering



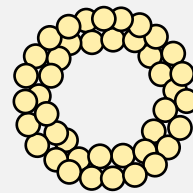
Single particle



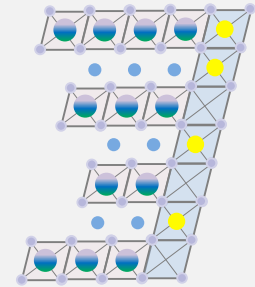
Dense structure



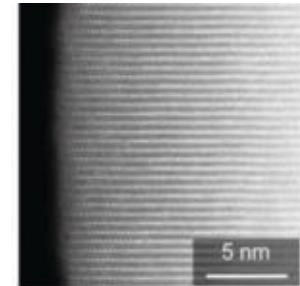
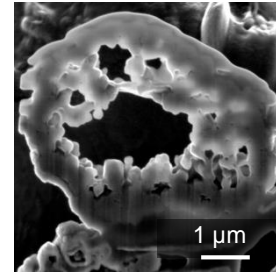
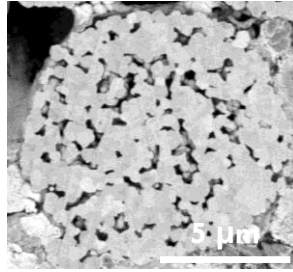
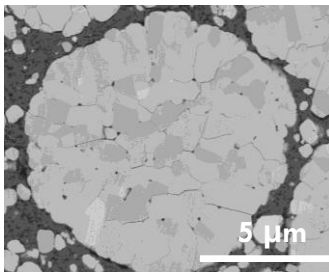
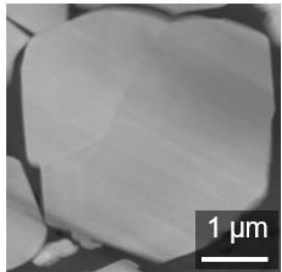
Porous structure



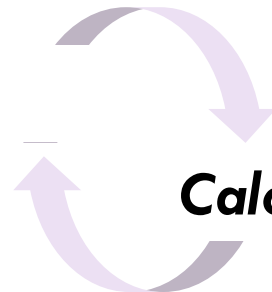
Hollow structure



Nanostructure engineering



Co-precipitation



Calcination