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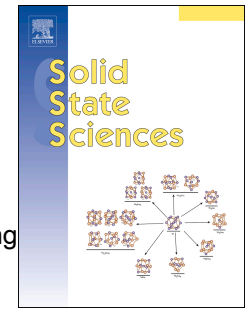

Glass fabrics self-cracking catalytic growth of boron nitride nanotubes

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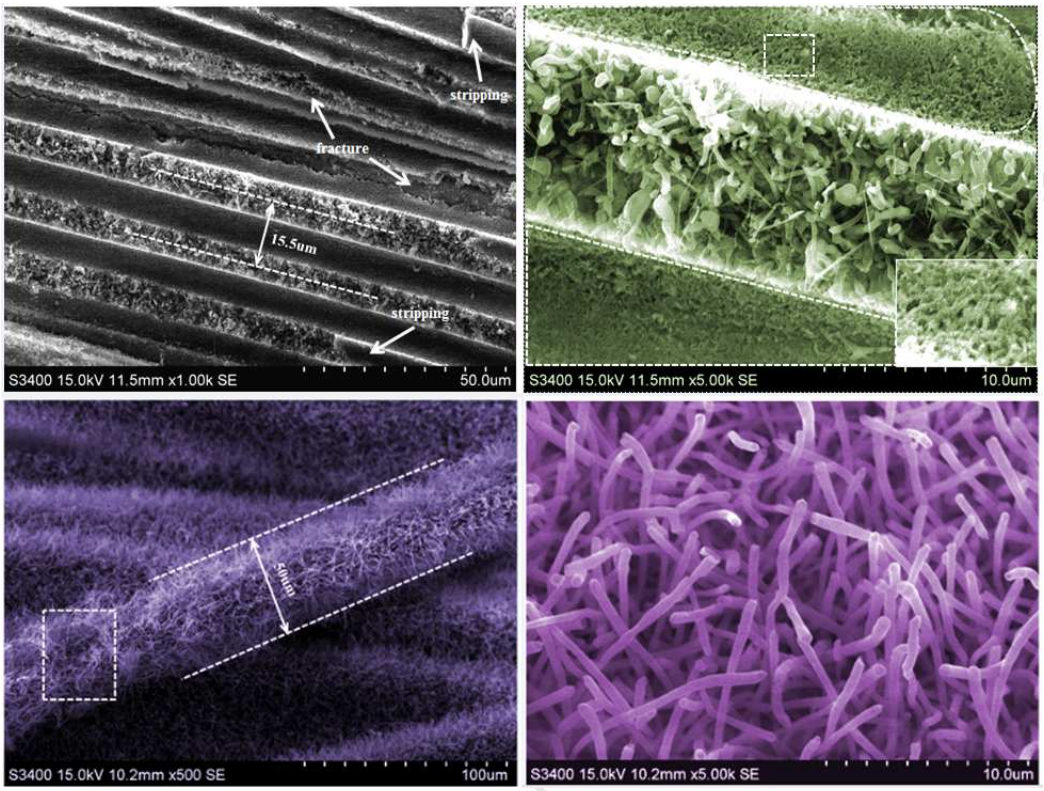
Graphical abstract



Glass fabrics were used to preparation of BNNTs with a broad diameter distribution through a new CVD-SHS method at the different holding times. The corresponding SEM images have provided direct experimental evidences for the rationality of the optimized self-cracking catalyst VLS growth mechanism (including the transformation situations of the glass fabrics and the BNNTs growth processes respectively).

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