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A facile N doping strategy to prepare mass-produced pyrrolic N-enriched carbon fibers with enhanced lithium storage properties

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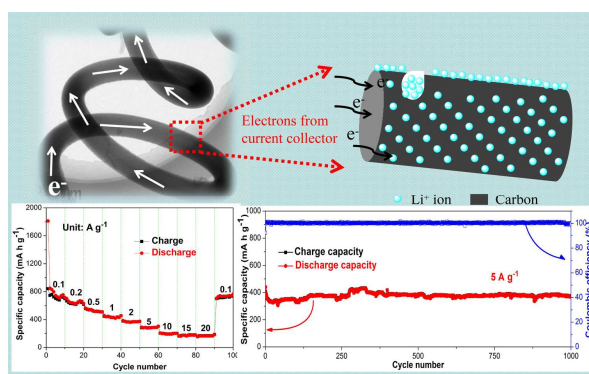
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Graphic abstract



Unique spiral morphology, high defect degree and dominated pyrrolic N endowed PN-CFs with superior cycling stability and rate capability.

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