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A safe wire-shaped lithium-ion battery ...

... consists of two composite yarns, which were prepared from aligned multi-walled carbon nanotubes and lithium oxides, as the anode and cathode. In their Communication on page 7864 ff., Y. Wang, H. Peng et al. describe that 97% of the capacity of these lightweight and flexible batteries was retained after 1000 bending cycles. Furthermore, the wire-shaped batteries were woven into battery textiles.

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