Supplemental figure captions:

Supplemental 1: Schematic view of folding technology 19.

Supplemental 2: Test set up for 4 point bending test. Strain gauges are marked in red.  Dimensions [mm]: LA = 230, LS = 75, LB = 77.5, b = 50, c = 13, d = 14, h = 15, ts = 1.