

Abstract Submitted
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Utilizing Carbon Nanotubes for 1-D Mass Transport GAVI
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the size and placement of materials on the nanoscale creates many opportunities
for customizable materials. Recent reports have shown that carbon nanotubes act
as efficient one-dimensional mass transport platforms. We have designed nanotube
devices on custom fabricated electron transparent substrates compatible with trans-
mission electron microscopy in order to study mass transport mechanisms and ap-
plications in situ. Here we report the results of these studies.

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