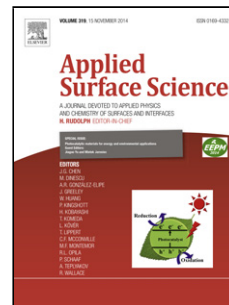


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Highlights

1. Solid rod shape amorphous CNRs with high specific surface area were successfully deposited using a RF magnetron sputtering system.
2. CNRs were vertically aligned to graphene, which was used as the current collector for EDLC.
3. CNR/graphene presents high specific capacitance that increases with increasing measurement temperature and reaches an excellent value of 830 F/g at 60°C.

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