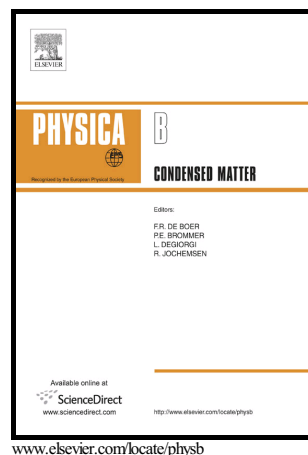


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# Mechanochemistry of graphene: tuning ion absorption on graphene via strain

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ABSTRACT: The ultra-high specific surface area of graphene endows this two-dimensional material with an excellent capacity of ion absorption. Here we show that the ion absorption properties of graphene can be tailored via mechanical deformation. By using density function theory (DFT) analysis, we

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