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Supporting information for

Boron doped defected graphene as potential anode materials for Liion batteries

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1. 3D plot of energy barriers for 2-boron doped mono-vacancy structure.

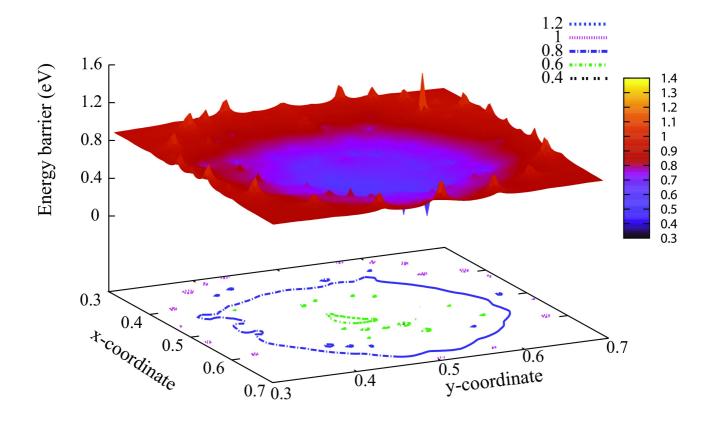


Fig S1: Figure shows 3D plot of potential energy surface of Li on two boron doped mono-vacancy defect in graphene. The green contour shows lowest barrier Li diffusion path.