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Supporting Information of

Large Scale Atomistic Simulation of Single-layer Graphene Growth on Ni(111) Surface: Molecular Dynamics Simulation Based on A New Generation of Carbon-Metal Potential

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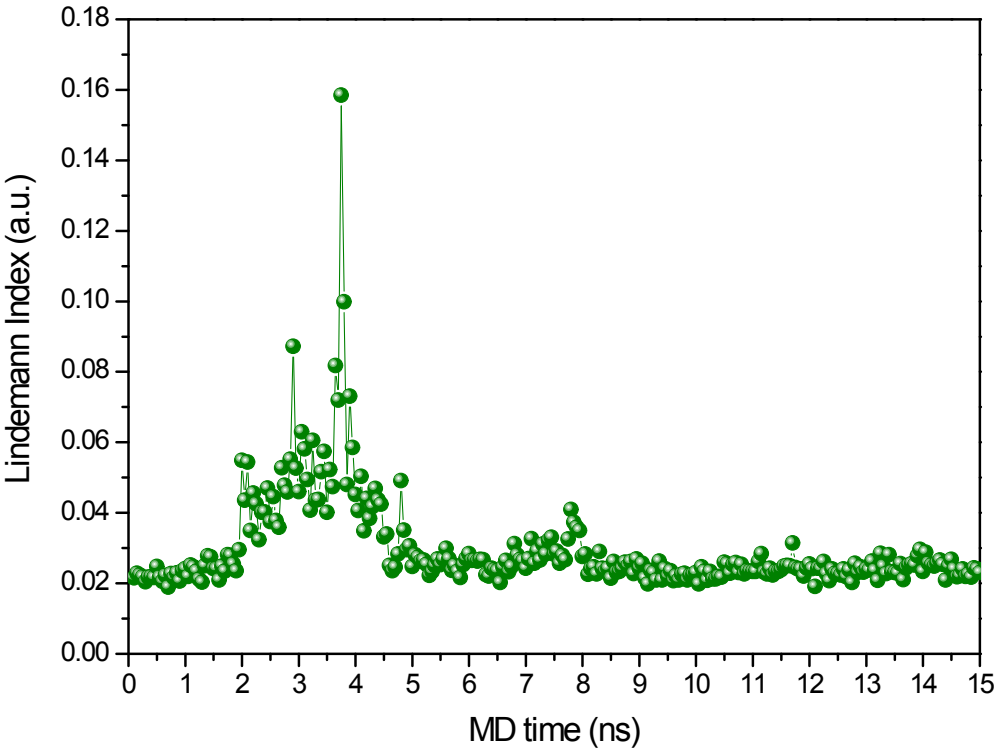

Fig. S1 Lindemann index of the nickel surface as function of MD time.

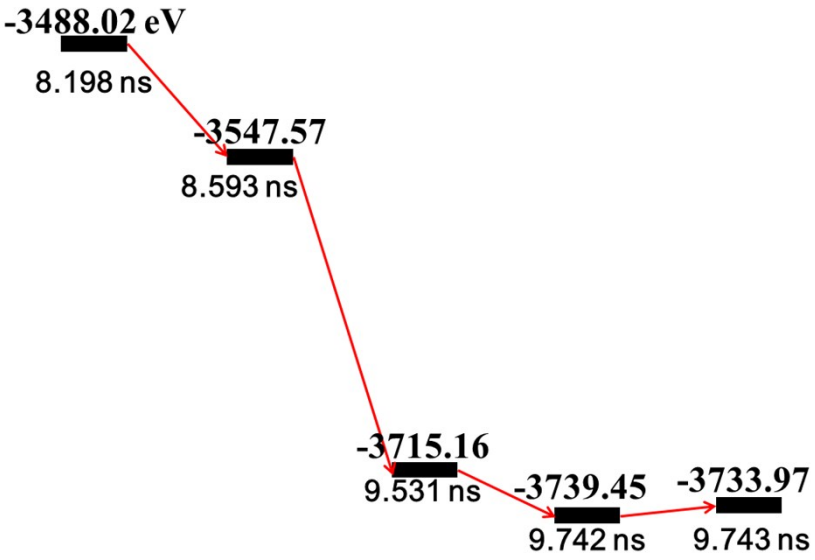

Fig. S2 The potential energies of (e-i) in fig. 2 during the MD.