## Accepted Manuscript

Title: Electrochemical Study of a Novel High Performance Supercapacitor Based on MnO<sub>2</sub>/Nitrogen-Doped Graphene Nanocomposite

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PII: S0169-4332(16)00084-2

DOI: http://dx.doi.org/doi:10.1016/j.apsusc.2016.01.058

Reference: APSUSC 32290

To appear in: APSUSC

Received date: 21-8-2015 Revised date: 6-11-2015 Accepted date: 7-1-2016

Please cite this article as: H.R. Naderi, P. Norouzi, M.R. Ganjali, Electrochemical Study of a Novel High Performance Supercapacitor Based on MnO<sub>2</sub>/Nitrogen-Doped Graphene Nanocomposite, *Applied Surface Science* (2016), http://dx.doi.org/10.1016/j.apsusc.2016.01.058

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### ACCEPTED MANUSCRIPT

# Electrochemical Study of a Novel High Performance Supercapacitor Based on MnO<sub>2</sub>/Nitrogen-Doped Graphene Nanocomposite

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