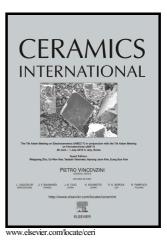
## Author's Accepted Manuscript

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#### ACCEPTED MANUSCRIPT

## Microwave combustion synthesis, magneto-optical and electrochemical properties of NiMoO<sub>4</sub> nanoparticles for supercapacitor application

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#### Abstract

Nickel molybdate (NiMoO<sub>4</sub>) nanoparticles (NPs) were synthesized by a simplistic onepot microwave-combustion method using urea as the fuel. The produced NPs have been examined by powder X-ray diffraction (XRD), Fourier transform infrared (FT-IR) analysis, scanning electron microscope (SEM), energy dispersive X-ray (EDX), high-resolution transmission electron microscopy (HR-TEM) analysis. Further, optical and electronic properties were determined by UV-Visible and Photoluminescence (PL) analysis, respectively. The magnetic performance of the NPs was investigated by vibrating sample magnetometer (VSM) Download English Version:

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