

SUPPORTING INFORMATION

Influence of Microwave Power on preparation of NiO Nanoflakes for enhanced Magnetic and Super capacitor applications

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10 Figure S1 A) XRD, B) FTIR spectra of as prepared Ni(OH)₂ sample for a) 900 W, b) 600 W, c) 450 W
and d) 300 W and C) thermal analysis (TG/DTA) curve of as prepared sample

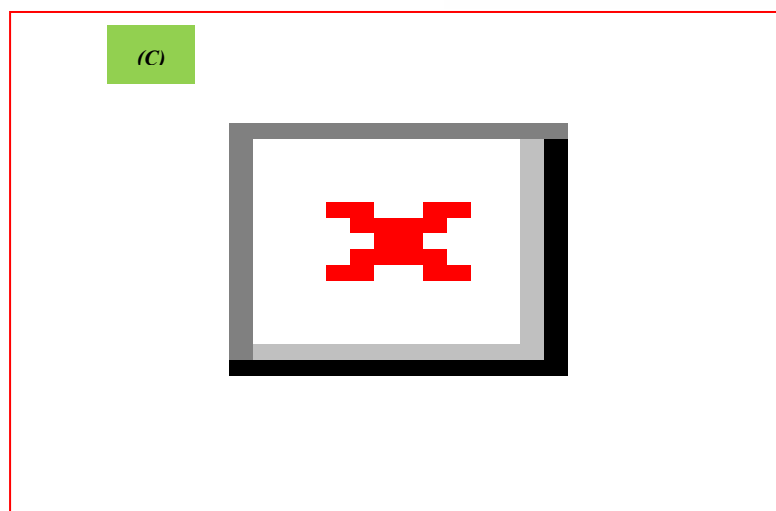
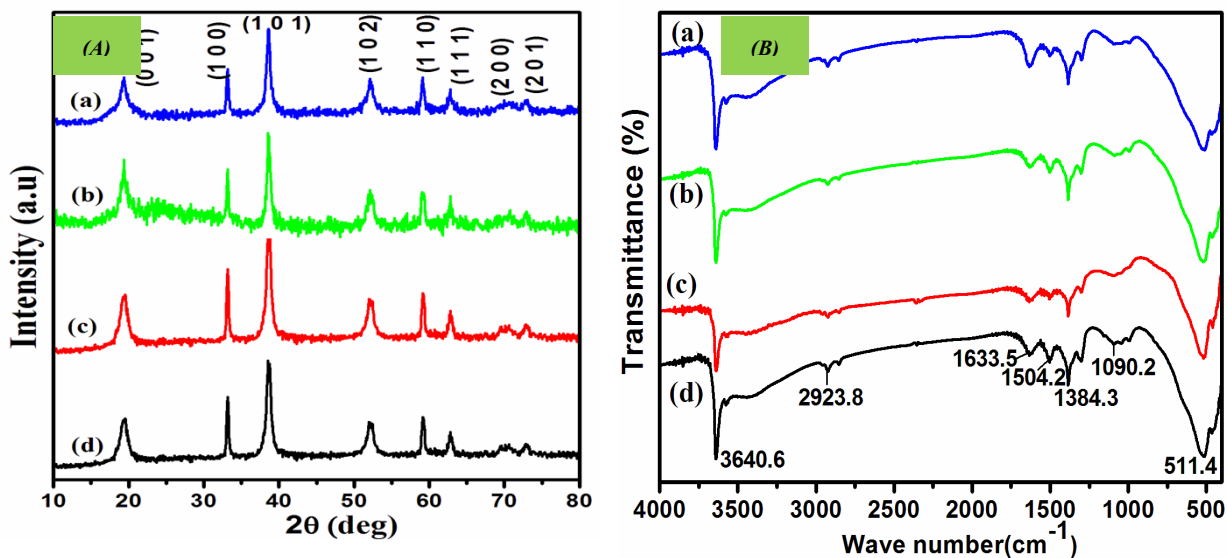


Figure S2 Low magnification FESEM images of NiO sample for the power of a) 900 W, b) 600 W, c) 450 W and d) 300 W respectively.

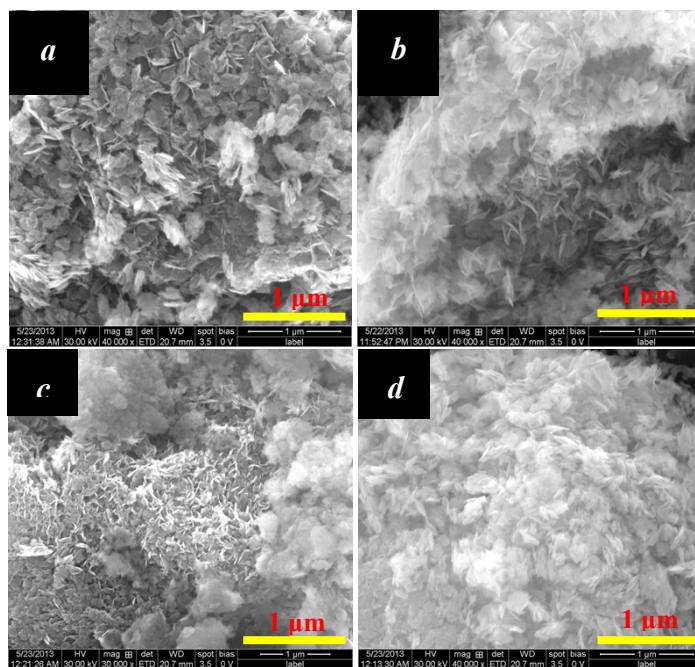


Table T1 lattice parameters of as prepared Ni(OH)₂ samples

Sample	Lattice parameters (Å)		Cell volume (Å ³)
	<i>a</i>	<i>c</i>	
900 W	3.118	5.401	45.49
600 W	3.119	5.403	45.53
450 W	3.120	5.405	45.58
300 W	3.125	5.413	45.78