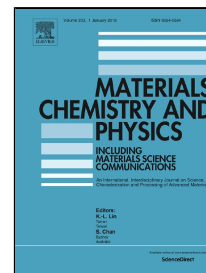


Accepted Manuscript

Magnetic nanoparticles prepared by chemically induced transition: structure and magnetization behaviors



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PII: S0254-0584(17)30850-7
DOI: 10.1016/j.matchemphys.2017.10.061
Reference: MAC 20100
To appear in: *Materials Chemistry and Physics*
Received Date: 04 April 2016
Revised Date: 25 September 2017
Accepted Date: 23 October 2017

Please cite this article as: X.Y. Qiu, Xiangshen Meng, H. Mao, Z.H. He, Y.Q. Lin, X.D. Liu, Decai Li, J. Li, Magnetic nanoparticles prepared by chemically induced transition: structure and magnetization behaviors, *Materials Chemistry and Physics* (2017), doi: 10.1016/j.matchemphys.2017.10.061

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Highlights

1. The nanoparticles were characterized using multiple techniques.
2. The self-consistent explanation was proposed.
3. The magnetization curves were fitted using the modified Langevin function.
4. The size determined by x- ray diffraction is most probable crystallite size.

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