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**Finite-size effects in fine particles: magnetic and transport properties**

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#	Paper	IF	Citations
992	Relative significance of particle anisotropy in systems of ultrafine ferromagnetic particles. <b>2002</b> , 92, 6057-6061		11
991	The preparation of magnetic nanoparticles for applications in biomedicine. <i>Journal Physics D: Applied Physics</i> , <b>2003</b> , 36, R182-R197	3	1490
990	Surface effects in noninteracting and interacting Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2003</b> , 262, 6-14	2.8	119
989	Negative magnetoresistance in strongly frustrated ferromagnets with nanometric magnetic coherence. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2003</b> , 262, 39-46	2.8	5
988	Effects of surfactants on the particle morphology and self-organization of Co nanocrystals. <b>2003</b> , 23, 1129-1132		51
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984	Structure and magnetic properties of Gd nanoparticles and carbon coated Gd/GdC <sub>2</sub> nanocapsules. <b>2003</b> , 94, 6779-6784		22
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502	Synthesis and Characterization of Catalytically Activity Fe <sub>3</sub> O <sub>4</sub> -Aminopropyl-triethoxysilane/Pd Nanocomposite. <b>2013</b> , 23, 409-417		31
501	The Synthesis of Superparamagnetic Cobalt Nanoparticles Encapsulated in Carbon Through High-pressure CVD. <b>2013</b> , 19, 228-234		19
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498	Induction heating studies of dextran coated MgFe <sub>2</sub> O <sub>4</sub> nanoparticles for magnetic hyperthermia. <b>2013</b> , 42, 1249-58		114
497	Simple hydrothermal synthesis of Fe <sub>3</sub> O <sub>4</sub> -PEG nanocomposite. <b>2013</b> , 11, 1527-1532		16
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495	Fluorescence and magnetic properties of hydrogels containing Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <b>2013</b> , 1037, 361-366		29
494	Multiwall-carbon nanotube/cobalt ferrite hybrid: Synthesis, magnetic and conductivity characterization. <b>2013</b> , 13, 1404-1412		20
493	Stabilisation effects of superparamagnetic nanoparticles on clustering in nanocomposite microparticles and on magnetic behaviour. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2013</b> , 331, 269-275	2.8	23
492	Interfacial magnetism and exchange coupling in BiFeO <sub>3</sub> -CuO nanocomposite. <i>Nanotechnology</i> , <b>2013</b> , 24, 505711	3.4	21
491	Isolation of PCR-ready genomic DNA from <i>Aspergillus niger</i> cells with Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> microspheres. <b>2013</b> , 116, 101-106		17
490	Dynamic magnetic properties of the kinetic cylindrical Ising nanotube. <b>2013</b> , 392, 3969-3983		36

489	Correlation of Electronic and Magnetic Properties of Thin Polymer Layers with Cobalt Nanoparticles. <b>2013</b> , 30, 180-184		3
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487	Magnetism in nanoparticles: tuning properties with coatings. <b>2013</b> , 25, 484006		38
486	Size dependent structural and magnetic properties of FeO-Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Nanoscale</i> , <b>2013</b> , 5, 12286-95	7.7	86
485	Magnetization of densely packed interacting magnetic nanoparticles with cubic and uniaxial anisotropies: A Monte Carlo study. <b>2013</b> , 114, 143904		13
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481	Thermal stress dependence of magnetic hysteretic processes in core-shell nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2013</b> , 178, 1323-1328	3.1	
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470	Nanostructure characterization of Co <sub>0.5</sub> Si <sub>0.5</sub> O soft magnetic nanogranular film using small-angle X-ray and neutrons scattering. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2013</b> , 334, 45-51	2.8	2
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