Daniel Esmarch Madsen - Research outputs - DTU Orbit (18/08/2019)

**Anomalous Particle Size Dependence of Magnetic Relaxation Phenomena in Goethite Nanoparticles.** / Frandsen, Cathrine; Madsen, Daniel Esmarch; Boothroyd, Chris B.; Mørup, Steen.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

**Magnetic properties of ultra-small goethite nanoparticles.** / Brok, Erik; Frandsen, Cathrine; Madsen, Daniel Esmarch; Jacobsen, H.; Birk, J. O.; Lefmann, K.; Bendix, J.; Pedersen, K. S.; Boothroyd, C. B.; Berhe, A. A.; Simeoni, G. G.; Mørup, Steen.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

**Magnetic fluctuations in nanosized goethite (alpha-FeOOH) grains.** / Madsen, Daniel Esmaerch; Gontard, Lionel Cervera; Kasama, Takeshi; Dunin-Borkowski, Rafal E.; Koch, C.B.; Hansen, Mikkel Foug; Frandsen, Cathrine; Mørup, Steen.
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

**Nanoparticles of antiferromagnetic materials.** / Madsen, Daniel Esmarch.

**Interactions between goethite particles subjected to heat treatment.** / Madsen, Daniel Esmaerch; Hansen, Mikkel Foug; Koch, C.B.; Mørup, Steen.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**On the analysis of magnetization and Mössbauer data for ferritin.** / Madsen, Daniel Esmaerch; Hansen, Mikkel Foug; Bendix, J.; Mørup, Steen.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**The correlation between superparamagnetic blocking temperatures and peak temperatures obtained from ac magnetization measurements.** / Madsen, Daniel Esmaerch; Hansen, Mikkel Foug; Mørup, Steen.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**Uniform spin wave modes in antiferromagnetic nanoparticles with uncompensated moments.** / Bahl, Christian Robert Haffenden; Garde, J.; Lefmann, Kim; Jensen, Thomas Bagger Stibius; Lindgård, Per-Anker; Madsen, Daniel Esmaerch; Mørup, Steen.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**Effect of heat treatment on interacting particles of nanocrystalline goethite.** / Madsen, Daniel Esmaerch; Hansen, Mikkel Foug; Koch, C. B.; Mørup, Steen.
2007. Poster session presented at 6th International Conference on Fine Particle Magnetism, Rome, Italy.
Research output: Contribution to conference › Poster – Annual report year: 2007 › Research › peer-review

**Experimental and theoretical studies of nanoparticles of antiferromagnetic materials.** / Mørup, Steen; Madsen, Daniel Esmaerch; Frandsen, Cathrine; Bahl, Christian Robert Haffenden; Hansen, Mikkel Foug.
Neutron study of magnetic excitations in 8-nm $\text{Fe}_2\text{O}_3$ nanoparticles. / Kuhn, Luise Theil; Lefmann, Kim; Bahl, Christian Robert Haffenden; Nyborg Ancona, S.; Lindgård, Per-Anker; Frandsen, Cathrine; Madsen, Daniel Esmarch; Mørup, Steen. 
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

On the interpretation of magnetization data for antiferromagnetic nanoparticles. / Madsen, Daniel Esmarch; Mørup, Steen; Hansen, Mikkel Fougt. 
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Thermolinduced magnetization and uncompensated spins in antiferromagnetic nanoparticles. / Madsen, Daniel Esmarch; Mørup, Steen. 
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review