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Ge-Sb-Te based phase-change nanoparticles

Chen, Bin

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List of publications

- (1) B. Chen, D. de Wal, G. ten Brink, G. Palasantzas, B. J. Kooi, Resolving the crystallization kinetics of GeTe phase-change nanoparticles, submitted.
- (2) B. Chen, L. V. Do, G. ten Brink, G. Palasantzas, P. Rudolf, B. J. Kooi, Dynamics of GeSbTe phase-change nanoparticles on graphene, submitted.
- (3) B. Chen, L. Xing, G. ten Brink, G. Palasantzas, B. J. Kooi, Size-dependent crystallization of GeSb phase change nanoparticles, in preparation.
- (4) B. Chen, G. ten Brink, G. Palasantzas, B. J. Kooi, Crystallization Kinetics of GeSbTe Phase-Change Nanoparticles Resolved by Ultrafast Calorimetry, *J. Phys. Chem. C* **2017**, 121, 8569.
- (5) B. Chen, G. ten Brink, G. Palasantzas, B. J. Kooi, Size dependent and tunable crystallization of GeSbTe phase-change nanoparticles, *Sci. Rep.* **2016**, 6, 39546
- (6) B. Chen, J. Momand, P.A. Vermeulen, B. J. Kooi, Crystallization Kinetics of Supercooled Liquid Ge–Sb Based on Ultrafast Calorimetry, *Cryst. Growth Des.* **2015**, 16, 242.
- (7) L. Xing, G. ten Brink, B. Chen, F. P. Schmidt, G. Haberfehlner, F. Hofer, B. J. Kooi, G. Palasantzas, Synthesis and Morphology of Iron–iron Oxide Core–shell Nanoparticles Produced by High Pressure Gas Condensation. *Nanotechnology* **2016**, 27, 215703.
- (8) G. ten Brink, P. J. van het Hof, B. Chen, M. Sedighi, B. J. Kooi, G. Palasantzas, Control Surface Wettability with Nanoparticles from Phase-Change Materials. *Appl. Phys. Lett.* **2016**, 109, 234102.

