

## Selected Publications 2011

Schmid, I.; Raabe, J.; Wenzel, S.; Fink, R.; Hug, H.; Quitmann, C. NanoXAS – the in situ combination of scanning transmission X-ray and scanning probe microscopy. In The 10th international conference on X-ray microscopy, presented at the 10th international conference on X-ray microscopy, Chicago, Illinois, USA, August 15–20, 2010; McNulty, I., Eyberger, C., Lai, B., Eds.; *AIP conference proceedings*; AIP Publishing: Melville, New York, 2011; Vol. 1365, pp 449-452. <https://doi.org/10.1063/1.3625399>

Joshi, N. R.; Özer, S.; Ashworth, T. V.; Stickar, P. G.; Romer, S.; Marioni, M. A.; Hug, H. J. Engineering the ferromagnetic domain size for optimized imaging of the pinned uncompensated spins in exchange-biased samples by magnetic force microscopy. *Appl. Phys. Lett.* 2011, 98 (8), 082502 (3 pp.). <https://doi.org/10.1063/1.3559228>

Parschau, M.; Rieder, K. H.; Hug, H. J.; Ernst, K. H. Single-molecule chemistry and analysis: mode-specific dehydrogenation of adsorbed propene by inelastic electron tunneling. *J. Am. Chem. Soc.* 2011, 133 (15), 5689-5691. <https://doi.org/10.1021/ja200143z>