

V6 Reflectometer

Publications in 2011

Dante, S.; Hauss, T.; Steitz, R.; Canale, C.; Dencher, N. A.,
Nanoscale structural and mechanical effects of beta-amyloid (1-42) on polymer cushioned membranes: A combined study by neutron reflectometry and AFM Force Spectroscopy.

Biochimica Et Biophysica Acta-Biomembranes 2011, 1808 (11), 2646-2655.

Campana, M.; Teichert, A.; Clarke, S.; Steitz, R.; Webster, J. R. P.; Zarbakhsh, A.,
Surfactant Adsorption at the Metal-Oil Interface.

Langmuir 2011, 27 (10), 6085-6090.

Demeter, J.; Teichert, A.; Kiefer, K.; Wallacher, D.; Ryll, H.; Menendez, E.; Paramanik, D.; Steitz, R.; Haesendonck, C. V.; Vantomme, A.; Temst, K.,
Simultaneous polarized neutron reflectometry and anisotropic magnetoresistance measurements.

Review of Scientific Instruments 2011, 82 (3), 033902.

Dodoo, S.; Steitz, R.; Laschewsky, A.; von Klitzing, R.,
Effect of ionic strength and type of ions on the structure of water swollen polyelectrolyte multilayers.

Physical Chemistry Chemical Physics 2011, 13 (21), 10318-10325.

Evers, F.; Steitz, R.; Tolan, M.; Czeslik, C.,
Reduced Protein Adsorption by Osmolytes.

Langmuir 2011, 27 (11), 6995-7001.

Jeworrek, C.; Steitz, R.; Czeslik, C.; Winter, R.,
High pressure cell for neutron reflectivity measurements up to 2500 bar.

Review of Scientific Instruments 2011, 82 (2), 025106-7.

Khaydukov, Y.; Aksenov, V.; Nikitenko, Y.; Zhernenkov, K.; Nagy, B.; Teichert, A.; Steitz, R.; Rühm, A.; Bottyán, L.,

Magnetic Proximity Effects in V/Fe Superconductor/Ferromagnet Single Bilayer Revealed by Waveguide-Enhanced Polarized Neutron Reflectometry.

Journal of Superconductivity and Novel Magnetism 2011, 24, 961-968.

Kreuzer, M.; Kaltofen, T.; Steitz, R.; Zehnder, B. H.; Dahint, R.,
Pressure cell for investigations of solid-liquid interfaces by neutron reflectivity.

Review of Scientific Instruments 2011, 82 (2), 023902.

Paul, A.; Krist, T.; Teichert, A.; Steitz, R.,
Specular and off-specular scattering with polarization and polarization analysis on reflectometer V6 at BER II, HZB.

Physica B: Condensed Matter 2011, 406 (8), 1598-1606.

Poirier, E.; Harrower, C. T.; Kalisvaart, P.; Bird, A.; Teichert, A.; Wallacher, D.; Grimm, N.; Steitz, R.; Mitlin, D.; Fritzsche, H.,

Deuterium absorption in Mg70Al30 thin films with bilayer catalysts: A comparative neutron reflectometry study.

Journal of Alloys and Compounds 2011, 509 (18), 5466-5471.

Steitz, R.; Dahint, R.,

Soft Functional Interfaces.

Advanced Engineering Materials 2011, 13 (8), 773-783.