

Publications:

The state of zinc in methanol synthesis over a Zn/ZnO/Cu(211) model catalyst

P. Amann, B. Klötzer, D. Degerman, N. Köpfle, T. Götsch, P. Lömker, C. Rameshan, K. Ploner, D. Bikaljevic, H-Y. Wang, M. Soldemo, M. Shipilin, C. M. Goodwin, J. Gladh, J. H. Stenlid, M. Börner, C. Schlueter and A. Nilsson
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In situ surface-sensitive investigation of multiple carbon phases on Fe(110) in Fischer-Tropsch synthesis

M. Shipilin, D. Degerman, P. Lömker, C. M. Goodwin, G. L. S. Rodrigues, M. Wagstaffe, J. Gladh, H. Y. Wang, A. Stierle, C. Schlueter, L. G.M. Pettersson, A. Nilsson, P. Amann
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Operando Observation of Oxygenated Intermediates during CO Hydrogenation on Rh Single Crystals

D. Degerman, M. Shipilin, P. Lömker, C. M. Goodwin, S. M. Gericke, U. Hejral, J. Gladh, H-Y. Wang, C. Schlueter, A. Nilsson, and P. Amann
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Direct Evidence of Subsurface Oxygen in Oxide-Derived Cu Catalyst for CO₂ Reduction by In-situ X-ray Photoelectron Spectroscopy

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The Structure of the Active Pd state During Catalytic CO oxidization

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A High-Pressure X-ray Photoelectron Spectroscopy Instrument for Studies of Industrially Relevant Catalytic Reactions at Pressures of Several Bars

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Operando XAS Study of the Surface Oxidation State on a Monolayer IrO_x on RuO_x and Ru Oxide Based Nanoparticles for Oxygen Evolution in Acidic Media

A. F. Pedersen, M. Escudero-Escribano, B. Sebok, A. Bodin, E. Paoli, R. Frydendal, D. Friebel, I. E. L. Stephens, J. Rossmeisl, I. Chorkendorff and A. Nilsson
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A. Eilert, F. Cavalca, F. S. Roberts, J. Osterwalder, C. Liu, M. Favaro, E. J. Crumlin, H. Ogasawara, D. Friebel, L. G. M. Pettersson, A Nilsson
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High Selectivity for Ethylene from Carbon Dioxide Reduction over Copper Nanocube Electrocatalysts

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Direct observation of the oxygenated species during oxygen reduction reaction on a Pt fuel cell cathode

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A. Nilsson and H. Ogasawara
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