

# Mikołaj Lewandowski

## Lista publikacji

z dnia 31 października 2013

### Publikacje w czasopismach

1. Plonska-Brzezinska M. E., Lewandowski M., Błaszczak M., Molina-Ontoria A., Luciński T., Echegoyen L., 2012, **Preparation and Characterization of Carbon Nano-Onion/PEDOT:PSS Composites**, 2012, *ChemPhysChem* 13: 4134-4141
2. Lewandowski M., Groot I. M. N., Shaikhutdinov S., Freund H.-J., **Scanning tunneling microscopy evidence for the Mars-van Krevelen type mechanism of low temperature CO oxidation on an FeO(111) film on Pt(111)**, 2012, *Catalysis Today* 181: 52-55
3. Lei Y., Lewandowski M., Sun Y.-N., Fujimori Y., Martynova Y., Groot I. M. N., Meyer R., Giordano L., Pacchioni G., Goniakowski J., Noguera C., Shaikhutdinov S., Freund H.-J., **CO + NO vs CO + O<sub>2</sub> reaction on monolayer FeO(111) films on Pt(111)**, 2011, *ChemCatChem* 3: 671-674
4. Lewandowski M., Sun Y.-N., Qin Z.-H., Shaikhutdinov S., Freund H.-J., **Promotional effect of metal encapsulation on reactivity of iron oxide supported Pt catalysts**, 2011, *Applied Catalysis A: General* 391: 407-410
5. Giordano L., Lewandowski M., Groot I. M. N., Sun Y.-N., Goniakowski J., Noguera C., Shaikhutdinov S., Pacchioni G., Freund H.-J., **Oxygen-induced Transformations of a FeO(111) Film on Pt(111): A Combined DFT and STM Study**, 2010, *The Journal of Physical Chemistry C* 114: 21504-21509
6. Sun Y.-N., Giordano L., Goniakowski J., Lewandowski M., Qin Z.-H., Noguera C., Shaikhutdinov S., Pacchioni G., Freund H.-J., **The Interplay between Structure and CO Oxidation Catalysis on Metal-Supported Ultrathin Oxide Films**, 2010, *Angewandte Chemie* 122: 4520-4523 & *Angewandte Chemie International Edition* 49: 4418-4421
7. Sun Y.-N., Qin Z.-H., Lewandowski M., Carrasco E., Sterrer M., Shaikhutdinov S., Freund H.-J., **Monolayer Iron Oxide Film on Platinum Promotes Low Temperature CO Oxidation**, 2009, *Journal of Catalysis* 266: 359-368
8. Sun Y.-N., Qin Z.-H., Lewandowski M., Shaikhutdinov S., Freund H.-J., **CO Adsorption and Dissociation on Iron Oxide Supported Pt Particles**, 2009, *Surface Science* 603: 3099-3103
9. Qin Z.-H., Lewandowski M., Sun Y.-N., Shaikhutdinov S., Freund H.-J., **Morphology and CO adsorption on platinum supported on thin Fe<sub>3</sub>O<sub>4</sub>(111) films**, 2009, *Journal of Physics: Condensed Matter* 21: 134019-1-6
10. Sun Y.-N., Qin Z.-H., Lewandowski M., Kaya S., Shaikhutdinov S., Freund H.-J., **When an Encapsulating Oxide Layer Promotes Reaction on Noble Metals: Dewetting and in situ Formation of an "Inverted" FeO<sub>x</sub>/Pt Catalyst**, 2008, *Catalysis Letters* 126: 12631-12635
11. Qin Z.-H., Lewandowski M., Sun Y.-N., Shaikhutdinov S., Freund H.-J., **Encapsulation of Pt Nanoparticles as a Result of Strong Metal-support Interaction with Fe<sub>3</sub>O<sub>4</sub>(111)**, 2008, *The Journal of Physical Chemistry C* 112: 10209-10213