


Structure Effects on Pyridine Hydrogenation over Pt(111) and Pt(100) Studied with Sum Frequency Generation Vibrational Spectroscopy. Christopher J. Kliewer and Gabor A. Somorjai GA. Catalysis Letters 137, 118-122 (2010).


1044 (1086) Seedless Polyol Synthesis and CO Oxidation Activity of Monodisperse (111) and (100)-Oriented Rhodium Nanocrystals in Sub-10 nm Sizes. Yawen Zhang, Michael E. Grass, Wenyu Huang and Gabor A. Somorjai. *Langmuir*, **26**(21) 16463-16468 (2010). LBNL-4428E


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<td>(1101)</td>
<td>Surface Composition and Catalytic Evolution of Au$<em>x$Pd$</em>{1-x}$ (x=0.25, 0.50 and 0.75) Nanoparticles under CO/O$_2$ Reaction in Torr Pressure Regime and at 200 °C. Selim</td>
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In-situ Oxidation Study of Pt(110) and Its Interaction with CO. Derek R. Butcher, Michael E. Grass, ZhenHua Zeng, Funda Aksoy, Hendrik Bluhm, Wei-Sue Li, Bongjin S. Mun, Gabor A. Somorjai and Zhi Liu. J. Am. Chem. Soc., 133, 20319-20325 (2011).


2013


Dramatically Different Kinetics and Mechanism at Solid/Liquid and Solid/Gas Interfaces for Catalytic Isopropanol Oxidation over Size-Controlled Platinum Nanoparticles. Hailiang Wang, Andras Sapi, Christopher Thompson, Fudong Liu,


Sum Frequency Generation Vibrational Spectroscopy Study of 1,3-Butadiene Hydrogenation on 4 nm Pt@SiO₂, Pd@SiO₂ and Rh@SiO₂ Core-Shell Catalysts. James M. Krier, William D. Michalak, Xiaojun Cai, Lindsay Carl, Kyriakos Komvopoulos and Gabor A. Somorjai. Nano Letters, 15, 39-44 (2014).


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Product Distribution Change in the Early Stages of Carbon Monoxide Hydrogenation over Cobalt Magnesium Fischer-Tropsch Catalyst. Gerome

Adsorption and reactions of water on oxygen pre-covered Cu(110)


Influence of Dissolved O₂ in Organic Solvents on CuOEP Supramolecular Self-Assembly on Graphite. Yibo Hao, Robert S. Weatherup, Baran Eren,


Platinum and Other Transition Metal Nanoclusters (Pd, Rh) Stabilized by PAMAM Dendrimer as Excellent Heterogeneous Catalysts: Application to the MethylCycloPentane (MCP) Hydrogenative Isomerization. Christophe Deraedt, Gerome Melae, Walter Ralston, Rong Ye and Gabor A. Somorjai. Nano Letters. DOI: 10.1021/acs.nanolett.6b05156
