Martin Andersson - DTU Orbit (16/01/2019)
Andersson, Martin
martan@kt.dtu.dk
Department of Chemical and Biochemical Engineering - Associate Professor
CHEC Research Centre

Research outputs:

Scaling relations applied to synthetic fuel production
Research output: Research - peer-review › Conference article – Annual report year: 2011

First principles calculations and experimental insight into methane steam reforming over transition metal catalysts
Research output: Research - peer-review › Journal article – Annual report year: 2008

Structure Sensitivity of the Methanation Reaction: H2 induced CO dissociation on nickel surfaces
Research output: Research - peer-review › Journal article – Annual report year: 2008

Carbide induced reconstruction of monatomic steps on Ni(111) - A density functional study
Research output: Research - peer-review › Journal article – Annual report year: 2007

Carbide induced reconstruction of monatomic steps on Ni(111) - a density functional study
Research output: Research - peer-review › Journal article – Annual report year: 2007

CO adsorption energies on metals with correction for high coordination adsorption sites - A density functional study
Research output: Research - peer-review › Journal article – Annual report year: 2007

Discovery of technical methanation catalysts based on computational screening
Research output: Research - peer-review › Journal article – Annual report year: 2007

Computational materials design from first principles
Research output: Research - peer-review › Journal article – Annual report year: 2006

Toward computational screening in heterogeneous catalysis: Pareto-optimal methanation catalysts
Research output: Research - peer-review › Journal article – Annual report year: 2006

Projects: